

# Conferences, Symposia or Workshops

Details of participation by IMOS



## Argo floats

### Conference Oral Presentation

Wijffels, S, Tomczak, M, Alory, G, Meyers, G; The Argo ocean observing revolution – two examples of its uses: ocean warming and variability of South Pacific Antarctic intermediate water; Australian Meteorological and Oceanographic Society (AMOS) Conference, 05/02/2007 - 08/02/2007, Adelaide

Roemmich, D, Gilson, J; Argo observes global variability in the oceans; International Union of Geophysics and Geology (IUGG) General Assembly, 02/07/2007 - 13/07/2007, Perugia

Jaffres, JBD; Mixed layer depth variability in the Coral Sea from ARGO observations ; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne

Vargas Hernandez, JM; Decadal changes in global subsurface ocean temperatures; ANNIMS Conference, 21/07/2010 - 22/07/2010, James Cook University, Townsville, Presenter(s): Jose Vargas Hernandez

Vargas Hernandez, JM, Wijffels, S, Meyers, G, Holbrook, N; Using reanalysis and tide-gauge data to determine ocean decadal climate variability since 1950; ANNIMS Conference, 29/11/2011 - 01/12/2011, University of Western Australia, Perth, Presenter(s): Jose Vargas Hernandez

Lago, V, Wijffels, S, Church, JA, Bindoff, N, Marsland, S; The oceanic response of anomalous surface contributions; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Wijffels, S, Meyers, G, Holbrook, N; Using reanalysis and tide-gauge data to determine ocean decadal climate variability since 1950; 10th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO) - Changing Southern Climates, 23/04/2012 - 27/04/2012, Noumea, Presenter(s): Jose Vargas Hernandez

Cai, W, Yun, Q; Argo Profiles nonlinear feedback processes associated with the Indian Ocean Dipole; 20 years of progress in radar altimetry with 4th Argo Science Workshop, 24/09/2012 - 29/09/2012, Venice, Presenter(s): Wenju Cai, Jae-Yul Yun

Monselesan, D, Dunn, JR, Domingues, CM, White, N, Church, JA, Wijffels, S; How well can we track global steric sea level and heat content of the upper ocean from the Argo observing system?; 20 years of progress in radar altimetry with 4th Argo Science Workshop, 24/09/2012 - 29/09/2012, Venice, Presenter(s): Didier Monselesan

Oke, PR, Lea, D, Martin, MJ, Larnicol, G; Development of observation impact statements under GODAE OceanView; 20 years of progress in radar altimetry with 4th Argo Science Workshop, 24/09/2012 - 29/09/2012, Venice, Presenter(s): G Larnicol, D Lea, Matthew Martin, Peter Oke

Ridgway, K, Baird, ME; The southward transport of sub-mesoscale lenses of Bass Strait water in the centre of anti-cyclonic mesoscale eddies; 20 years of progress in radar altimetry with 4th Argo Science Workshop, 24/09/2012 - 29/09/2012, Venice, Presenter(s): Mark Baird, Ken Ridgway

Thresher, A, Pouliquen, S; Understanding the data management system for Argo; 20 years of progress in radar altimetry with 4th Argo Science Workshop, 24/09/2012 - 29/09/2012, Venice, Presenter(s): Sylvie Pouliquen, Ann Thresher

Feng, M; WA IMOS; 9th Session of the CLIVAR/IOC-GOOS Indian Ocean Panel, 15/10/2012 - 17/10/2012, Cape Town, Presenter(s): Ming Feng

Feng, M, McPhaden, M, Xie, S, Hafner, J; An Unprecedented Leeuwin Current warming event in 2011; American Geophysical Union (AGU) Fall Meeting, 03/12/2012 - 07/12/2012, San Fransisco, Presenter(s): Ming Feng

Baird, ME; The southward transport of sub-mesoscale lenses of Bass Strait water in the centre of anti-cyclonic mesoscale eddies; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Mark Baird

Waite, A, Thompson, P, Tilbrook, B, Akl, J, Raes, E, Feng, M, Rossi, V, Roughan, M, Wyatt, A; Formation of shallow high-nitrate low-oxygen layers in the eastern Indian Ocean supported by surface nitrogen fixation; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Anya Waite

Waite, A, Thompson, P, Tilbrook, B, Akl, J, Raes, E, Feng, M, Rossi, V, Roughan, M, Wyatt, LR; Formation of shallow high-nitrate low-oxygen layers in the Eastern Indian Ocean supported by surface nitrogen fixation; ASLO 2013 Aquatic Sciences Meeting, 17/02/2013 - 22/02/2013, New Orleans, Presenter(s): Anya Waite

Feng, M; Ningaloo Nino - an unprecedented warming event off the Western Australia coast; 17th Pacific Asian Marginal Seas (PAMS) Meeting , 23/04/2013 - 25/04/2013, Hangzhou, Presenter(s): Ming Feng

Van Wijk, EM, Rintoul, S, Owens, B; First deployments of under-ice floats through winter on the Antarctic continental shelf; A joint Australian and New Zealand Conference, 24/06/2013 - 26/06/2013, Hobart, Presenter(s): Esmee Van Wijk

Wijffels, S, Roemmich, D; A Decade of Argo: Success and challenges.; Asia-Oceania Geosciences Society Annual Meeting, 24/06/2013 - 28/06/2013, Brisbane

Griffin, DA, Cahill, M; IMOS Ocean Current: monitoring Australia's ocean currents on a daily basis, for all to see; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): David Griffin

Wijffels, S, Roemmich, D; A decade of Argo: achievements and future challenges; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Susan Wijffels

Balcazar, N, Tripovich, J, Dziak, R, Mellinger, D, Nieukirk, S, Klinck, H, Rogers, T; Calls reveal population structure of two pygmy blue whales in the Indo-Pacific; Australian Mammal Society 59th Scientific meeting , 08/07/2013 - 10/07/2013, University of New South Wales, Sydney, Presenter(s): Naysa Balcazar

Feng, M; Ningaloo Nino - an unprecedented warming event off the Western Australia coast; WCRP/CLIVAR Second International Symposium on Boundary Current Dynamics, 08/07/2013 - 09/07/2013, Li Jang, Presenter(s): Ming Feng

Rintoul, S; Oceans and sea-level rise; Greenhouse 2013, 05/10/2013 - 11/10/2013, Adelaide, Presenter(s): Steve Rintoul

Wijffels, S; A decade of Argo: achievements and future challenges; Greenhouse 2013, 05/10/2013 - 11/10/2013, Adelaide, Presenter(s): Susan Wijffels

Wijffels, S; Argo Australia; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Susan Wijffels

Wijffels, S; Deep Argo: status and plans, as part of the workshop on autonomous devices for deep ocean observations; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Susan Wijffels

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Brieva, D; Upwelling off shore Fraser Island; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Daniel Brieva

Griffin, DA; Highlights of the IMOS observations of ocean currents; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): David Griffin

Guerreiro, K; Transport and water properties of the Leeuwin Current system in the 1/8 degree CARS-AUS8 climatology; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Kevin Guerreiro

Oke, PR; Towards a dynamically balanced eddy-resolving ocean reanalysis: BRAN3; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Peter Oke

Robertson, R; Coastally trapped waves on the southern and eastern coasts of Australia; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Robin Robertson

Rykova, T; A comparison of the three-dimensional structure of the western boundary current eddies; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Tatiana Rykova

Hardman-Mountford, NJ, Greenwood, J, Dufois, F, Trull, T; Using models to optimize the design of robotic bio-float arrays; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Nick Hardman-Mountford

Hardman-Mountford, NJ, Greenwood, J, Dufois, F, Trull, T; Sampling strategies for an Indian Ocean bio-Argo programme: Eastern Indian ocean upwelling case study; IMBER Future Oceans Science Conference, 23/06/2014 - 28/06/2014, Bergen, Presenter(s): Nick Hardman-Mountford

Feng, M, Benthuisen, J, Slawinski, D; Freshening of the Indonesian throughflow and the Leeuwin Current during the 2010-11 La Nina/Ningaloo Nino; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Ming Feng

Jennings, S, Beckley, L; Oceanographic synopsis of the Southern Bluefin Tuna spawning ground in the Eastern Indian Ocean; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Shona Jennings

Menezes, V, Phillips, H; Sea Surface salinity maximum of the South Indian ocean from Aquarius and IMOS satellites, ARGO and RAMA data; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Viviane Menezes

Brassington, GB, Colberg, F, Sandery, PA, Sakov, P; An operational coastal ocean forecasting system for the Great Barrier Reef; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Frank Colberg

Church, JA, Monselesan, D, Wijffels, S, Domingues, CM; Reduced space optimal interpolation estimates of steric sea level and heat content of the upper ocean derived from the Argo observations; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): John Church

Divakaran, P, Brassington, GB, Ryan, A, Regnier, C, Spindler, T, Mehra, A, Hernandez, F, Smith, G; Operational Ocean forecast inter-comparison for the Australian region; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Prasanth Divakaran

Horii, T, Cai, W, Sato, K, Ando, K; Low salinity signal on the high salinity subsurface water during negative Indian Ocean Dipole; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Takanori Horii

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Rykova, T, Oke, PR; Observing East Australian Current eddies from Argo float data; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Tatiana Rykova

Stewart, K, Haine, T; Transition zone oceans: conduits to the deep; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Kial Stewart

Wijffels, S; Detecting anthropogenic climate forcing in the ocean; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Susan Wijffels

Wijffels, S, Roemmich, D, Freeland, HJ, Suga, T; Argo: past achievements, future risks and opportunities; Global Climate Observation Conference, 02/03/2016 - 04/03/2016, Amsterdam, Presenter(s): Toshio Suga

Chiswell, SM; Mean velocity decomposition and vertical eddy diffusivity of the Pacific Ocean from surface GDP drifters and 1000-m Argo floats; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Stephen Chiswell

Benthuisen, J; Extreme marine warming across tropical Australia during austral summer 2015-2016; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Jessica Benthuisen

Smith, G; Sea Surface Temperature Forecasts for evaluating Coral Bleaching Risk in the Great Barrier Reef; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Grant Smith

## Conference Poster

Riser, S, Van Wijk, EM, Rintoul, S, Speer, K, Klatt, O, Boebel, O, Owens, B, Gascard, J-C, Freeland, HJ, Wijffels, S, Roemmich, D, Wong, A; Observing high latitudes: extending the core Argo array; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

Brassington, GB, Chambers, C; What dynamics does Argo observe in the Tasman Sea?; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Vargas Hernandez, JM, Wijffels, S, Meyers, G, Holbrook, N; Using reanalysis and tide-gauge data to determine ocean decadal climate variability since 1950; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City, Presenter(s): Jose Vargas Hernandez

Oke, PR, Griffin, DA, Schiller, A, Matear, R, Fiedler, R, Mansbridge, JV, Cahill, M, Chamberlin, M, Ridgway, K; Validation of a near-global eddy-resolving ocean model; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Peter Oke

Vargas Hernandez, JM, Wijffels, S, Meyers, G, Holbrook, N; Diagnosing Indo-Pacific decadal subsurface ocean temperature modes; ARC Centre of Excellence for Climate System Science (COECSS) - first annual workshop, 25/09/2012 - 27/09/2012, Hobart, Presenter(s): Jose Vargas Hernandez

Doubell, M, James, C, Luick, J, Middleton, J; Development and application of ROMS based models for the South Australian region; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Mark Doubell

Wijeratne, S, Pattiaratchi, C, Proctor, R; Modelling meso-scale dynamics along western and southern Australian shelf and slopes: A ROMS modelling approach; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Sarath Wijeratne

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Menezes, V, Phillips, H, Schiller, A, Bindoff, N, Domingues, CM; Eastward currents of the South Indian Ocean and associated fronts; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Viviane Menezes

Menezes, V, Phillips, H; Impact of salinity on the eastern Indian Ocean Circulation; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Viviane Menezes

Moltmann, T, Proctor, R, Donoghue, S; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

Feng, M, Benthuisen, J, Slawinski, D; La Nina causes extreme freshening of the Leeuwin Current; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Kerry, C, Roughan, M, Powell, B; A high resolution re-analysis for the East Australian Current; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Robson, B, Rizwi, F, Geoffroy, L, Brebion, J, Baird, ME, Skerratt, J, Mongin, M, Wild-Allen, K, Jones, EM, Margvelashvili, N, Herzfeld, M; The eReefs relocatable biogeochemical model (RECOM) and its parameter libraries; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Wijeratne, S, Pattiaratchi, C, Proctor, R; Estimates of alongshore and cross-shelf transports around Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Sarath Wijeratne

Menezes, V, Vianna, M, Phillips, H; An evaluation of the Aquarius satellite data in the South Indian Ocean; ARCCSS 2014 Workshop, 24/11/2014 - 27/11/2014, Hunter Valley, Presenter(s): Viviane Menezes

Cahill, M, Griffin, DA; IMOS OceanCurrent gridded sea level and ocean surface velocity; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Madeleine Cahill

Kelly-Gerreyn, B, Ingham, B, Warne, J, Beggs, H, Schulz, E; The Australian Bureau of Meteorology's core marine observing networks; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

### **Key Note Speaker**

Wijffels, S; Opening Address; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Susan Wijffels

### **Meeting Presentation**

Thresher, A; Argo parameter naming conventions for technical files; Argo Data Management Meeting, 29/10/2008 - 31/10/2008, Honolulu, Presenter(s): Ann Thresher

Thresher, A; Australian Argo National Data Management Report; Argo Data Management Meeting, 29/10/2008 - 31/10/2008, Honolulu, Presenter(s): Ann Thresher

Thresher, A; Technical files updates; Argo Data Management Meeting, 30/09/2009 - 02/10/2009, Toulouse, Presenter(s): Ann Thresher

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Thresher, A; Determining time and position for profiles, technical files status, ARC report; Argo Data Management Meeting, 20/10/2010 - 22/10/2010, Hamburg, Presenter(s): Ann Thresher

Oke, PR; Observing system evaluation and inter-comparisons; GODAE Ocean View - GSOP - CLIVAR Workshop, 13/06/2011 - 17/06/2011, Santa Cruz, Presenter(s): Peter Oke

Feng, M; Indian Ocean Observing System; IOGOOS Marine Observation and Forecast Meeting, 30/03/2012 - 30/03/2012, Perth, Presenter(s): Ming Feng

Rintoul, S; The oceans and climate change; Hobart College Science Talk, 21/08/2013 - 21/08/2013, Hobart, Presenter(s): Steve Rintoul

Hardman-Mountford, NJ, Greenwood, J, Dufois, F; Development of an Indian Ocean bio-Argo programme: plans, sampling strategies and investigation of eddies as key biogeochemical features ; Murdoch University Seminar Series, 27/03/2014 - 27/03/2014, Murdoch University, Perth, Presenter(s): Nick Hardman-Mountford

Hardman-Mountford, NJ, Greenwood, J; Development of an Indian Ocean bio-Argo programme; International Indian Ocean Expedition2 (IIOE-2) Planning Meeting, 07/04/2014 - 08/04/2014, Perth, Presenter(s): Nick Hardman-Mountford

Rintoul, S; The oceans and climate change; The Friends School Science Talk, 07/04/2014 - 07/04/2014, Hobart, Presenter(s): Steve Rintoul

Wijffels, S; Potential collaborations with Argo as part of IIOE-2; SIBER and IOGOOS IIOE-2 Forum, 16/04/2014 - 16/04/2014, Perth, Presenter(s): Susan Wijffels

Rintoul, S; The oceans and climate change; Guilford Young College Science Talk, 20/05/2014 - 20/05/2014, Hobart, Presenter(s): Steve Rintoul

Hardman-Mountford, NJ, Greenwood, J, Dufois, F; Development of an Indian Ocean bio-Argo programme: plans, sampling strategies and investigation of eddies as key biogeochemical features; Floreat Site Leaders Meeting, 11/06/2014 - 11/06/2014, Perth, Presenter(s): Nick Hardman-Mountford

Wijffels, S, Roemmich, D, Van Wijk, EM, Rintoul, S, Riser, S, Klein, B, Boebel, O, Sallee, J-B, Owens, B; Argo: status and challenges; 14th Argo Data Management Meeting, 16/10/2014 - 18/10/2014, Liverpool, Presenter(s): Susan Wijffels

Menezes, V, Vianna, M, Phillips, H; Aquarius sea surface salinity in the south Indian Ocean: revealing annual-period planetary waves; American Geophysical Union (AGU) Fall Meeting, 15/12/2014 - 19/12/2015, San Fransisco, Presenter(s): Viviane Menezes

Wijffels, S, Roemmich, D, Van Wijk, EM, Rintoul, S, Riser, S, Klein, B, Boebel, O, Sallee, J-B, Owens, B; Status and failure of Argo; 16th Argo Steering Team Meeting, 18/03/2015 - 20/03/2015, Brest, Presenter(s): Sarath Wijeratne

Hardman-Mountford, NJ, Jones, EM, Huot, Y, Slawinski, D, Dufois, F, Wojtasiewicz, B, Van Wijk, EM, Ravichandran, M, Prakash, S; Designing a global bioArgo array: Insights from Argo, satellite remote sensing and global models in an Indian Ocean pilot study; International Biogeochemical Argo Science Planning Meeting, 11/01/2016 - 13/01/2016, Villefranch-sur-mer, Presenter(s): Nick Hardman-Mountford

Oke, PR; The upcoming marriage of Bluelink and Argo; Bluelink Science Meeting, 16/05/2017 - 17/05/2017, Melbourne, Presenter(s): Peter Oke

## Session Chair

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Session Convenor - New insights into the ocean and its circulation from Argo and GODAE; International Union of Geophysics and Geology (IUGG) General Assembly, 02/07/2007 - 13/07/2007, Perugia, Presenter(s): John Gould

Meeting Co-Chair - Argo Steering Team Meeting; Argo Steering Team Meeting, 15/03/2011 - 17/03/2011, Buenos Aires, Presenter(s): Susan Wijffels

Session Co-Chair - Recent advances in forecasting systems; GODAE Ocean View - GSOP - CLIVAR Workshop, 13/06/2011 - 17/06/2011, Santa Cruz, Presenter(s): Peter Oke

Wijffels, S; Meeting Co-Chair; 13th Argo Steering Team Meeting, 20/03/2012 - 22/03/2012, Paris

Rintoul, S; The Southern Ocean; 1st Scientific Committee on Antarctic Research (SCAR) Horizon Scan, 20/04/2014 - 23/04/2014, Queenstown, Presenter(s): Steve Rintoul

### **Symposium Presentation**

Sutton, P, Wijffels, S, Ridgway, K; Strengthening Au/NZ contributions to Argo and sustaining the Tasman Box XBT lines; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Philip Sutton

Feng, M; The marine heat wave off WA; CMAR Science Symposium - Science, Impacts, Possibilities, 20/03/2012 - 22/03/2012, Hobart, Presenter(s): Ming Feng

Richardson, A; Climate Change Ecology: seeing the big picture; CMAR Science Symposium - Science, Impacts, Possibilities, 20/03/2012 - 22/03/2012, Hobart, Presenter(s): Anthony Richardson

Oke, PR, Griffin, DA, Schiller, A, Matear, R, Fiedler, R, Mansbridge, JV, Cahill, M, Chamberlin, M, Ridgway, K; A comparison of eddies in western boundary current regions; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Peter Oke

Ridgway, K, Hill, K; The EAC system: mean flow and time-varying circulation; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ken Ridgway

Wijffels, S, Roemmich, D; A decade of Argo: achievements and future challenges; 20 years of progress in radar altimetry with 4th Argo Science Workshop, 24/09/2012 - 29/09/2012, Venice, Presenter(s): Susan Wijffels

Wijffels, S, Roemmich, D; Uses of Argo in climate research; Symposium to Celebrate Argo's 1 Millionth Profile, 10/12/2012 - 10/12/2012, Washington DC, Presenter(s): Susan Wijffels

Wijffels, S, Roemmich, D, Van Wijk, EM, Rintoul, S, Riser, S, Klein, B, Boebel, O, Sallee, J-B, Owens, B; Argo: recent insights and future evolution; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Susan Wijffels

Dufois, F, Hardman-Mountford, NJ, Greenwood, J, Richardson, A, Feng, M, Herbette, S, Matear, R; Impact of eddies on surface chlorophyll in the south Indian Ocean; International Symposium on the Indian Ocean (IIOE-2), 30/11/2015 - 04/12/2015, Goa, Presenter(s): Francois Dufois

### **Workshop Presentation**

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Van Wijk, EM; CSIRO DMQC Procedure; Argo Delayed-Mode Quality Control Workshop, 10/09/2008 - 12/09/2008, Seattle, Presenter(s): Esmee Van Wijk

Van Wijk, EM; Regional Circulation - Indonesian throughflow; Argo Delayed-Mode Quality Control Workshop, 10/09/2008 - 12/09/2008, Seattle, Presenter(s): Esmee Van Wijk

Van Wijk, EM; Southern Ocean Argo floats; Argo Delayed-Mode Quality Control Workshop, 10/09/2008 - 12/09/2008, Seattle, Presenter(s): Esmee Van Wijk

Durack, P, Wijffels, S; 50 Year Salinity Trends for the Global and Regional Oceans from Argo and Historical Data; 3rd Argo Science Workshop: The Future of Argo, 25/03/2009 - 27/03/2009, Hangzhou, Presenter(s): Esmee Van Wijk

Shi, L, Alves, O, Yin, Y, Balmaseda, MA, Hendon, H; A comparison of the representation of the main modes of ocean climate variability by two state-of-the-art ocean re-analyses; 5th World Meteorological Organisation Symposium on Data Assimilation of Observations in Meteorology, Oceanography and Hydrology, 05/10/2009 - 09/10/2009, Melbourne

Wedd, R, Alves, O, Yin, Y; Equatorial Pacific Salinity Fields with PEODAS; 5th World Meteorological Organisation Symposium on Data Assimilation of Observations in Meteorology, Oceanography and Hydrology, 05/10/2009 - 09/10/2009, Melbourne

Yin, Y, Alves, O, Oke, PR, Tseitkin, F; An ensemble ocean data assimilation for seasonal prediction; 5th World Meteorological Organisation Symposium on Data Assimilation of Observations in Meteorology, Oceanography and Hydrology, 05/10/2009 - 09/10/2009, Melbourne

Wijffels, S; Use of Iridium in the Argo Australian Array; Argo Iridium Users Workshop, 20/10/2010 - 22/10/2010, Hamburg, Presenter(s): Susan Wijffels

Craig, P, Brassington, GB, Haynes, J, Schiller, A, Pugh, TF, Sandery, PA, Oke, PR, Symonds, G; BLUElink - status, challenges and future; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Peter Craig

Middleton, J, Pattiaratchi, C, Roughan, M, Luick, J, Ivey, GN, Lowe, R, Phillips, H, Benthuyssen, J, Wijeratne, S, MacDonald, HS; ROMS Modelling in Australia: status, plans and aspirations; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): John Middleton

Ridgway, K, Schulz, E, Oke, PR, Wijffels, S, Strutton, P; Bluewater in-situ observations - applications to models; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Ken Ridgway

Munoz Mas, C, Steinberg, C, McAllister, F, Rigby, P, Tonin, H, Herzfeld, M; Q-IMOS monitoring and eReefs modelling: a partnership to monitor the oceanography and water quality of the Great Barrier Reef; Australian Coral Reef Society Workshop, 28/08/2013 - 30/08/2013, Sydney, Presenter(s): C Munoz Mas

Wijffels, S, Van Wijk, EM, Rintoul, S, Roemmich, D, Riser, S, Klein, B, Boebel, O, Sallee, J-B, Owens, B; Argo in the Antarctic Sea-Ice Zone: progress and challenges; SOOS Workshop, 08/06/2015 - 12/06/2015, Institute of Marine and Antarctic Studies, Hobart, Presenter(s): Susan Wijffels

Baird, ME, Mongin, M, Skerratt, J, Wild-Allen, K, et, al.; eReefs marine modelling: an inter-governmental agency collaboration providing management-relevant estimates of ocean state and the impact of river loads; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Mark Baird

Brassington, GB, Tuteja, N, Stuart, G, Treleaven, J; eReefs: an integrated catchment and coastal forecasting system for the Great Barrier Reef; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Gary Brassington

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Cetina-Heredia, P, Roughan, M, Liggins, G, Jeffs, A, Coleman, M; Developing models to predict East Rock lobster larval dispersal along NSW; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Paulina Cetina-Heredia

Janekovic, I, Pattiaratchi, C, et, al.; Predicting the ocean and continental shelf dynamics off southeastern and central Western Australia using advanced ROMS capabilities; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Ivica Janekovic

Middleton, J, Griffin, DA, Luick, J, Herzfeld, M; Hydrodynamic modelling of the circulation in the Great Australian Bight; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): John Middleton

Oliver, ECJ, Lago, V, Hobday, A, Holbrook, N, Ling, S, Mundy, C; Identifying historical marine heatwaves off eastern Tasmania with a regional ocean model; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Eric Oliver

Roughan, M, Kerry, C, Rao, S, et, al.; Modelling and observing the East Australian Current system and its impacts on shelf circulation, Lagrangian transport and biogeochemistry; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Moninya Roughan

Rykova, T, Oke, PR; Merging of East Australian Current eddies observed by Argo float; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Tatiana Rykova

**Type Count**

**121**

## **Ships of opportunity**

### **Conference Oral Presentation**

Beggs, H, Barton, I, Rea, A, Harris, A, Mittaz, J, Maturi, E; Report from the Australian Regional Data Assembly Centre; GODAE High Resolution SST Pilot Project Science Team Meeting, 14/05/2007 - 18/05/2007, Melbourne

Ridgway, K, Dunn, JR; Improving ocean climatological fields using Argo and Altimetry; International Union of Geophysics and Geology (IUGG) General Assembly, 02/07/2007 - 13/07/2007, Perugia

Richardson, A, Hosie, G, Coman, F, Davies, C, McLeod, DJ, Slotwinski, A; A new plankton observing programme: the Australian Continuous Plankton Recorder (AusCPR) survey; Global Ocean Ecosystem Dynamics (GLOBEC) Open Science Meeting, 22/06/2009 - 26/06/2009, Vancouver

Coman, F, Bonham, P, Davies, C, Slotwinski, A, Thompson, P, Richardson, A; The Plankton observing system for IMOS: 2. Plankton from the Australian National Reference Stations; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide, Presenter(s): Anthony Richardson

Richardson, A, Hosie, G, Coman, F, Davies, C, McLeod, DJ, Slotwinski, A; The plankton observing system for IMOS: 1. The Australian Continuous Plankton Recorder (AusCPR) survey; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide, Presenter(s): Anthony Richardson

Hosie, G, et, al.; The SCAR Southern Ocean Continuous Plankton Recorder Survey: achievements, current status and future directions; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong, Presenter(s): Graham Hosie

Hosie, G, Hunt, BPV, et, al.; The SCAR Southern Ocean Continuous Plankton Recorder Survey: achievements, current status and future directions; SCAR Open Science Conference, 03/08/2010 - 06/08/2010, Buenos Aires, Presenter(s): Brian Hunt

Lehodey, P, Senina, I, Calmettes, B, Royer, F, Gaspar, P, Abecassis, M, Polovina, J, Parker, D, Domokos, R, Hernandez, O; Towards operational management of pelagic ecosystems; ICES Annual Science Conference, 20/09/2010 - 24/09/2010, Nantes, Presenter(s): Patrick Lehodey

Ridgway, K; Decadal variability of the East Australian Current; Relationship to changes in the South Pacific Gyre and ENSO; Greenhouse 2011: The Science of Climate Change, 04/04/2011 - 08/04/2011, Cairns, Presenter(s): Ken Ridgway

Tilbrook, B; Ocean acidification on the GBR and in the Coral Sea; Greenhouse 2011: The Science of Climate Change, 04/04/2011 - 08/04/2011, Cairns, Presenter(s): Bronte Tilbrook

Tilbrook, B; Ocean acidification and the carbonate chemistry of Australian regional seas; Ocean Acidification: Implications for Living Marine Resources in the Southern Hemisphere, 15/06/2011 - 17/06/2011, Canberra, Presenter(s): Bronte Tilbrook

Coman, F, Davies, C, Hosie, G, McLaughlin, J, McLeod, DJ, Slotwinski, A, Strzelecki, J, Tonks, M, Richardson, A; A new plankton observing programme: the Australian Continuous Plankton Recorder (AusCPR) survey; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Coman, F, Davies, C, Hosie, G, McLaughlin, J, McLeod, DJ, Slotwinski, A, Strzelecki, J, Tonks, M, Richardson, A; Plankton observing in Australia: the Australian Continuous Plankton Recorder (AusCPR) survey; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Anthony Richardson

Hosie, G, Mormede, S, Raymond, B, Pinkerton, M; Predicting biogeographic patterns of Southern Ocean and Antarctic zooplankton using Continuous Plankton Recorder data; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Kloser, R, Ryan, T, Lewis, M, Sutton, C, Keith, G; Using acoustics to understand the biomass, distribution, variability and energetics of mid-trophic level organisms in ocean ecosystems ; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Shadwick, E; Carbon uptake in polar continental shelf regions; Land-Ocean Interactions in the Coastal Zone (LOICZ) Open Science Conference, 08/09/2011 - 15/09/2011, Yantai, Presenter(s): E Shadwick

Shadwick, E; Carbon cycling in the Mertz Polynya; IMAS Seminar Series, 01/01/2012 - 31/12/2012, Institute of Marine and Antarctic Studies, Hobart, Presenter(s): Steve Rintoul, E Shadwick, Bronte Tilbrook

Coman, F, Bonham, P, Davies, C, Hosie, G, Lynch, T, McLaughlin, J, McLeod, DJ, Thompson, P, Tonks, M, Strzelecki, J, Slotwinski, A, Richardson, A; The plankton observing system in IMOS; CMAR Science Symposium - Science, Impacts, Possibilities, 20/03/2012 - 22/03/2012, Hobart

Schiller, A, Ridgway, K; The circulation of Southwest Pacific Ocean; 10th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO) - Changing Southern Climates, 23/04/2012 - 27/04/2012, Noumea

Davies, C, Coman, F, Hallegraef, GM, Hosie, G, McKinnon, D, McLaughlin, J, McLeod, DJ, Slotwinski, A, Strzelecki, J, Swadling, K, Thompson, KR, Tonks, M, Richardson, A; We need YOU: Plankton researchers united; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Claire Davies

Tilbrook, B; CO2 Observing systems in the Southern Ocean; Surface Ocean CO2 Atlas (SOCAT) Progress Meeting, 03/07/2012 - 04/07/2012, Tsukuba, Presenter(s): Bronte Tilbrook

Furnas, M; Large and small-scale variability of Great Barrier Reef upwelling; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns, Presenter(s): Miles Furnas

Tilbrook, B; Australian monitoring efforts on GBR; Coral Reef Acidification Monitoring Portfolio Workshop, 28/08/2012 - 29/08/2012, Fort Lauderdale, Presenter(s): Bronte Tilbrook

Tilbrook, B; The carbonate chemistry of the Great Barrier Reef; 3rd International Conference on the Oceans in a High CO<sub>2</sub> World, 24/09/2012 - 28/09/2012, Monterey, Presenter(s): Bronte Tilbrook

Kloser, R, Sutton, C, Ryan, T, Keith, G, Downie, R; Towards an understanding of the distribution, biomass and energetics of mid-trophic organisms in the open ocean; CLITOP Second Symposium, 11/02/2013 - 15/02/2013, Noumea, Presenter(s): Rudy Kloser

Tilbrook, B; Ocean carbon and acidification; 2nd Joint Commission Steering Committee Meeting on Science and Technology, 14/03/2013 - 15/03/2013, Hobart, Presenter(s): Bronte Tilbrook

Shadwick, E, Cassar, N, Tilbrook, B, Trull, T; Influence of net community production and physical processes on surface oxygen and carbon distribution along a north-south section across the Australian sector of the Southern Ocean; 45th International Liege Colloquium on Ocean Dynamics, 13/05/2013 - 17/05/2013, Liege, Presenter(s): E Shadwick

Tilbrook, B; Carbon and acidification research in the Southern Ocean; SOOS Asian Workshop Data Management Sub-Committee Meeting, 23/05/2013 - 24/05/2013, Shanghai, Presenter(s): Bronte Tilbrook

Tilbrook, B; Theme 4 work plan: ocean carbon; SOOS Asian Workshop Data Management Sub-Committee Meeting, 23/05/2013 - 24/05/2013, Shanghai, Presenter(s): Bronte Tilbrook

Bakker, DCE, Hankin, S, Olsen, A; An update to the surface ocean CO<sub>2</sub>; 9th International Carbon Dioxide Conference, 03/06/2013 - 07/06/2013, Beijing, Presenter(s): D Bakker

Henschke, N, Everett, JD, Doblin, MA, Pitt, K, Richardson, A, Suthers, I; Demographic characteristics of salp swarms (*Thalia democratica*) and their interannual variability; 4th International Jellyfish Bloom Symposium, 05/06/2013 - 07/06/2013, Hiroshima, Presenter(s): Natasha Henschke

Beggs, H, Majewski, L, Griffin, C, Verein, R, Tingwell, C, Sakov, P, Garde, L; Report to GHRST14 from Australia - BLUElink and IMOS; 14th GHRST Science Team Meeting, 17/06/2013 - 21/06/2013, Woods Hole, Presenter(s): Helen Beggs

Coman, F, Richardson, A, Hosie, G, Davies, C, Forcey, K, McLaughlin, J, McLeod, DJ, Miller, M, Murphy, N, Slotwinski, A, Strzelecki, J, Tonks, M, Rochester, W; Plankton in the Integrated Marine Observing System: how can you use the data?; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Frank Coman

Doblin, MA, Steinberg, C; Micro's for Macro's: new perspectives on microbially-mediated marine processes; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): M Doblin

Kloser, R, Keith, G, Sutton, C, Ryan, T, Downie, R; A decade of Tasman Sea bio-acoustics; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Rudy Kloser

Richardson, A, Rochester, W, Hosie, G; Plankton 2013: an assessment of Australia's oceans using plankton as ecosystem indicators; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Anthony Richardson

Swadling, K, Slotwinski, A, Davies, C, Beard, J, McKinnon, D, Coman, F, Murphy, N, Tonks, M, Rochester, W, Hosie, G, Richardson, A; Australian marine zooplankton: a taxonomic guide and atlas; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Kerrie Swadling

Bakker, DCE, Hankin, S, Olsen, A, Pfeil, B, et, al.; An update to the Surface Ocean CO2 Atlas (SOCAT version 2); Global Ocean Acidification Observing Network, 24/07/2013 - 26/07/2013, St. Andrews, Presenter(s): D Bakker

Tilbrook, B, Lenton, A, Law, RM, Bakker, DCE, Doney, S, Gruber, N, Hoppema, M, Ishii, M, Lovenduski, N, Matear, R, Metzl, N, et, al.; Sea-air fluxes in the Southern Ocean: 1990-2009; Greenhouse 2013, 05/10/2013 - 11/10/2013, Adelaide, Presenter(s): Bronte Tilbrook

Beggs, H; Group for high resolution sea surface temperature (GHR SST) - activities in Asia and Oceania; 4th Asia Oceania Meteorological Satellite User's Conference, 09/10/2013 - 11/10/2013, Melbourne, Presenter(s): Helen Beggs

Brieva, D; Upwelling off shore Fraser Island; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Daniel Brieva

Oke, PR; Towards a dynamically balanced eddy-resolving ocean reanalysis: BRAN3; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Peter Oke

Robertson, R; Coastally trapped waves on the southern and eastern coasts of Australia; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Robin Robertson

Schaeffer, A; Can we quantify the transport and frequency of bottom water uplift driven by the East Australian Current?; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Amandine Schaeffer

Shadwick, E, Tilbrook, B, Cassar, N, Trull, T, Rintoul, S; Summertime physical and biological controls on O2 and CO2 in the Australian sector of the Southern Ocean; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): E Shadwick

Shadwick, E, Tilbrook, B, Williams, G, Rintoul, S; Biological modification of carbonate chemistry in dense water outflows from the Mertz Polynya, East Antarctica; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): E Shadwick

Sloyan, B, Wijffels, S, Tilbrook, B, Katsumata, K, Murata, A; Deep ocean changes at the western boundary of the South Pacific Ocean; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Bernadette Sloyan

Tilbrook, B, Nojiri, Y, Neill, C, Veness, T; Seawater carbonate chemistry and ocean acidification on the Great Barrier Reef; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Bronte Tilbrook

Tilbrook, B; Surface Ocean CO2 Atlas Workshop 10; IMBER Future Oceans Science Conference, 23/06/2014 - 28/06/2014, Bergen, Presenter(s): Bronte Tilbrook

Feng, M; Future project: the east Indian Ocean upwelling research initiative, a joint collaboration between China, Japan, the US and Australia, 2015-2020; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Ming Feng

Bakker, DCE, Pfeil, B, Smith, K, Olsen, A, Alin, SR, Cosca, C, Hankin, S, Harasawa, S, Jones, SD, Kozyr, A, Nojiri, Y, O'Brien, K, Schuster, U, Telszewski, M, Tilbrook, B, Wanninkhof, R; The Surface Ocean CO2 Atlas (SOCAT) enables detection of changes in the ocean carbon sink; Integrated Carbon Observing System (ICOS), 22/09/2014 - 23/09/2014, Brussels, Presenter(s): D Bakker

Tilbrook, B, Jewett, L, Williamson, P, Newton, J, Isensee, K; Global ocean acidification observing network; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Bronte Tilbrook

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Tilbrook, B, Steven, A, Neill, C, Baird, ME, Mongin, M; Ocean acidification and the carbonate chemistry of the Great Barrier Reef; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Bronte Tilbrook

Jennings, S, Beckley, L; Oceanographic synopsis of the Southern Bluefin Tuna spawning ground in the Eastern Indian Ocean; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Shona Jennings

Lee, R, Baird, ME, Andrewartha, J, Mancini, S; Transforming environmental protection with integrated model observing systems; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Randall Lee

Richardson, A, Rochester, W, Eriksen, R; Plankton 2015: as assessment of Australia's oceans using plankton as ecosystem indicators; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Anthony Richardson

Uribe-Palomino, J, Davies, C, Coman, F, et, al.; Composition and distribution of tintinnids in Australian marine waters; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Julian Uribe-Palomino

Roughan, M, Jones, EM, Oke, PR, Moltmann, T, May, P, Schiller, A; A National Shelf Re-analysis (ANSR) project for Australia; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Moninya Roughan

Tilbrook, B; Southern Ocean carbon and ocean acidification; Greenhouse, 27/10/2015 - 30/10/2015, Hobart, Presenter(s): Bronte Tilbrook

Tilbrook, B; Global ocean acidification monitoring; 2nd Session of the Executive Council of the Global Ocean Acidification Observing Network, 19/11/2015 - 20/11/2015, Monaco, Presenter(s): Bronte Tilbrook

Benthuisen, J, Tonin, H, Herzfeld, M; Freshening events and hypersaline conditions in the central Great Barrier Reef; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Jessica Benthuisen

Protat, A, Schulz, E, Sun, Z, Xiao, Y, Keywood, M; Southern Ocean cloud - radiation interactions and their representation in the Australian regional forecast model as revealed by RV Investigator observations; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Alain Protat

Beggs, H, Zhou, X, Ignatov, A, Xu, F; Bureau of Meteorology's IMOS Ship SST Data QC System - comparison with other ship SST QC; QC Summit, 07/03/2016 - 11/06/2016, Hobart, Presenter(s): Helen Beggs

Mongin, M, Baird, ME, Tilbrook, B, Matear, R, Lenton, A, Herzfeld, M, Wild-Allen, K, Skerratt, J, Margvelashvili, N, Robson, B, Duarte, CM, Gustafsson, M, Ralph, P, Steven, A; The exposure of the Great Barrier Reef to ocean acidification; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): Mathieu Mongin

Steinberg, C, Benthuisen, J, Herzfeld, M, Tonin, H, et, al.; Responding to the 2016 mass coral bleaching event on the Great Barrier Reef: from observations to modelling; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Craig Steinberg

Lara-Lopez, A; Australia's Integrated Marine Observing System (IMOS): helping to understand ocean acidification; 9th Annual NZOA Workshop, 08/07/2016 - 08/07/2016, Wellington, Presenter(s): Ana Lara-Lopez

Kloser, R; Using fishing vessels for basin-scale ecological monitoring using bio-acoustics and the continuous plankton recorder; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Rudy Kloser

Steinberg, C; Physical oceanographic influences on tropical reef and continental shelf fish from IMOS observations; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Craig Steinberg

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Benthuisen, J; Extreme marine warming across tropical Australia during austral summer 2015-2016; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Jessica Benthuisen

Brinkman, R; Sustainable Development of the North's Blue Economy – the role of IMOS to date, and into the future; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Richard Brinkman

Downie, R; Mesozooplankton abundance, biovolume and size structure within pelagic ecosystems of the Great Australian Bight; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Ryan Downie

Kloser, R; Exploring the slope/offshore Great Australian Bight (GAB) pelagic habitat paradox; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Rudy Kloser

Lara-Lopez, A; After a decade, what is new in IMOS?; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Ana Lara-Lopez

Puotinen, M; In which of Australia's north and northwest region CMRs and KEFs are 13 key biotic taxa likely the most widespread?; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Marji Puotinen

Richardson, A; A decade of IMOS Plankton Observations; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Anthony Richardson

Uribe-Palomino, J, Coman, F, Tonks, M, et, al.; Pontellid copepods from Australian waters; 13th International Conference on Copepoda, 16/07/2017 - 21/07/2017, Los Angeles, Presenter(s): Julian Uribe-Palomino

Uribe-Palomino, J, Coman, F, Tonks, M, Slotwinski, A, et, al.; Lessons from the free living marine copepods found throughout the Australian Plankton Survey; 13th International Conference on Copepoda, 16/07/2017 - 21/07/2017, Los Angeles, Presenter(s): Julian Uribe-Palomino

Lara-Lopez, A, Moltmann, T, Proctor, R; Measuring and understanding change: IMOS initiatives and tools relevant to fish and fisheries; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Tim Moltmann

## Conference Poster

Ridgway, K; Dynamics of the Southwest Pacific Ocean and the South Pacific Convergence Zone (SPCZ); American Geophysical Union (AGU) Fall Meeting, 10/12/2007 - 14/12/2007, San Fransisco, Presenter(s): Ken Ridgway

Beggs, H, Verein, R, Kippo, H, Underwood, M, Barton, I, Steinberg, C, Schulz, E, Hibbins, R, Gorman, J, Thomas, A, Ball, G, Cowen, L, Lee, R; Enhancing ship of opportunity sea surface temperature observations in the Australian region; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne

Majewski, L; New and enhanced Satellite Sea Surface Temperature products over the Australian region; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne, Presenter(s): Leon Majewski

Beggs, H, Verein, R, Kippo, H, Underwood, M, Barton, I, Steinberg, C, Schulz, E, Hibbins, R, Thomas, A, Ball, G; Enhancing Ship of Opportunity Sea Surface Temperature Observations in the Australian Region; GHRST 2009 International Users Symposium, 29/05/2009 - 30/05/2009, Santa Rosa

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Beggs, H, Verein, R, Kippo, H, Underwood, M, Barton, I, Steinberg, C, Schulz, E, Hibbins, R, Gorman, J, Thomas, A, Ball, G, Cowen, L, Lee, R; Enhancing ship of opportunity sea surface temperature observations in the Australian region; 10th GHRSSST Science Team Meeting, 01/06/2009 - 01/06/2009, Santa Rosa

Ridgway, K, Beggs, H, Gronell, A, Hosie, G, Furnas, M, Lee, R, Schulz, E, Tilbrook, B; A Ship of Opportunity Observation Network for the Oceans Around Australia; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

Beggs, H, Verein, R, Paltoglou, G; Calibration and validation of AVHRR sea surface temperatures using observations from Ships of Opportunity; Oceans from Space, 26/04/2010 - 30/04/2010, Venice

Beggs, H, Verein, R, Paltoglou, G; Calibration and validation of AVHRR sea surface temperatures using observations from Ships of Opportunity; 11th GHRSSST Science Team Meeting, 21/06/2010 - 25/06/2010, Lima

Slotwinski, A, Coman, F, Davies, C, Hosie, G, McLaughlin, J, McLeod, DJ, Tonks, M, Strzelecki, J, Richardson, A; Plankton observing in Australia: the Australian Continuous Plankton Recorder (AusCPR) survey; 5th International Zooplankton Production Symposium, 14/03/2011 - 18/03/2011, Pucon

Downie, R, Ryan, T, Sutton, C, Kloser, R; Characterising micronekton communities of the Southern Ocean and Macquarie Ridge using multi-frequency acoustics and net systems.; 3rd International Forum of the Sub-Antarctic, 01/08/2011 - 02/08/2011, Commission for the Conservation of Antarctic Marine Living Resources, Hobart, Presenter(s): Ryan Downie

Hallegraeff, GM, Coad, T, Coman, F, Davies, C; The potential of phytoplankton SEM analyses of archived Continuous Plankton Recorder skills; Plankton Symposium: Plankton Biodiversity and Climate Change, 22/09/2011 - 23/09/2011, Plymouth

Hallegraeff, GM, Coman, F, Davies, C, Slotwinski, A, Whittock, L, Richardson, A; Australian dust storm associated with potentially pathogenic fungal "bloom"; Plankton Symposium: Plankton Biodiversity and Climate Change, 22/09/2011 - 23/09/2011, Plymouth

Shadwick, E; Ocean productivity and aragonite saturation state enhanced by the calving of the Mertz Glacier; Planet Under Pressure Conference, 26/03/2012 - 29/03/2012, London, Presenter(s): Steve Rintoul, E Shadwick, Bronte Tilbrook, Guy Williams

Lewis, M, Kloser, R, Gershwin, L; Acoustic properties of deep-sea fish and micronekton; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Mark Lewis

McLeod, DJ; Noctiluca; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart

Oke, PR, Griffin, DA, Schiller, A, Matear, R, Fiedler, R, Mansbridge, JV, Cahill, M, Chamberlin, M, Ridgway, K; Validation of a near-global eddy-resolving ocean model; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Peter Oke

Picone, MS, Swadling, K, Richardson, A, Coman, F, Slotwinski, A, Davies, C, Tonks, M, Gusmao, LFM, Rochester, W; Seasonal and latitudinal changes in the zooplankton community composition along the East Australia Current: The AusCPR survey; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart

Kelly-Gerreyn, B, Ball, G, Beggs, H, Schulz, E, Cabrie, J, Robinson, P, Rodriguez, J, Casey, B; The Australian Bureau of Meteorology's core marine observing networks; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Boris Kelly-Gerreyn

Armstrong, A, Richardson, A, Weeks, S; The size spectrum of zooplankton communities along the Australian east coast: effects of oceanography, season and latitude; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Amelia Armstrong

Coughlan, A, Richardson, A, Weeks, S, Hallegraeff, GM; Effects of climate change on Australian phytoplankton communities; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Alex Coughlan

Boettger, D, Robertson, R; Internal waves in the waters off East Australia; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Robin Robertson

Jones, K, Strutton, P, Furnas, M; Enhanced biological production from tropical cyclones and ephemeral weather events in an oligotrophic coastal system; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Peter Strutton

Moltmann, T, Proctor, R, Donoghue, S; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

Zhou, X, Ignatov, A, Xu, F; In situ SST quality monitor version2 (iQuam2); Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): X Zhou

Benthuisen, J, Tonin, H, Herzfeld, M; Freshening events and hypersaline conditions in the central Great Barrier Reef; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Everett, JD, Richardson, A, Baird, ME, et, al.; Bridging the zooplankton gap between models and observations: the IMOS Zooplankton Ocean Observations and Modelling Task Team (ZOOM); Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Kelly-Gerreyn, B, Ingham, B, Warne, J, Beggs, H, Schulz, E; The Australian Bureau of Meteorology's core marine observing networks; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Huang, B, et, al.; Extended Reconstructed Sea Surface Temperature Version 5 (ERSSTV5): Upgrades, Validations and Intercomparisons; 18th GHRSSST Science Team Meeting, 05/06/2017 - 09/06/2017, Qingdao, Presenter(s): Boyin Huang

Zhou, X, Ignatov, A, Xu, F; Recent Improvement to the NOAA iQUAM2 System; 18th GHRSSST Science Team Meeting, 05/06/2017 - 09/06/2017, Qingdao, Presenter(s): X Zhou

### **Course Presentation**

Richardson, A; The power of plankton; CSIRO Education Program presentation, 19/08/2015 - 19/08/2015, Brisbane, Presenter(s): Anthony Richardson

Richardson, A; Plankton from the IMOS National Reference Station and Moreton Bay; Student presentation, 21/08/2015 - 21/08/2015, North Stradbroke Education Centre, North Stradbroke Island, Presenter(s): Anthony Richardson

Richardson, A; Plankton around Australia: the IMOS program; CSIRO Education Vacation Program , 30/09/2015 - 30/09/2015, Brisbane, Presenter(s): Anthony Richardson

### **Meeting Presentation**

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Gronell, A; XBT Fall rates; GTSP (Global Temperature-Salinity Profile Program) Meeting, 12/11/2007 - 12/11/2007, Hobart, Presenter(s): Ann Gronell

Ridgway, K; Monitoring the East Australian Current- a historical perspective and future plans; American Geophysical Union (AGU) Fall Meeting, 10/12/2007 - 14/12/2007, San Fransisco, Presenter(s): Ken Ridgway

Gronell, A, et. al.; Changing XBT fallrates and their influence on estimates of the ocean heat content; Ocean Sciences Meeting, 02/03/2008 - 07/03/2008, Orlando, Presenter(s): Ann Gronell

Beggs, H; Report from the Australian Regional Data Assembly Centre; 9th GHRST-PP Science Team Meeting, 09/06/2008 - 13/06/2008, Perros-Guirec, Presenter(s): Helen Beggs

Thresher, A; Quota Project; GTSP (Global Temperature-Salinity Profile Program) Meeting, 27/10/2008 - 27/10/2008, Honolulu, Presenter(s): Ann Thresher

Tilbrook, B; Australian surface CO2 measurements; Surface Ocean CO2 Atlas Project (SOCAT) Pacific Regional Meeting, 18/03/2009 - 20/03/2009, Tsukuba, Presenter(s): Bronte Tilbrook

Beggs, H, Majewski, L, Andreu-Burillo, I, Paltoglou, G, Verein, R; Report to GHRST10 from Australia - BLUElink and IMOS; 10th GHRST Science Team Meeting, 01/06/2009 - 01/06/2009, Santa Rosa, Presenter(s): Helen Beggs

Tilbrook, B; Review of LAS and QC of previous day; Surface Ocean CO2 Atlas Project (SOCAT) Atlantic and Southern Ocean Regional Meeting, 25/06/2009 - 26/06/2009, Norwich, Presenter(s): Bronte Tilbrook

Pattiaratchi, C; Integrated Marine Observing System and climate change; Shark Bay World Heritage Meeting, 18/08/2009 - 18/08/2009, Shark Bay, Presenter(s): Charitha Pattiaratchi

Thresher, A; GTSP Data Format Issues; JCOMM Steering Group Meeting for the Global Temperature –Salinity Profile Programme, 05/05/2010 - 07/05/2010, Oostende, Presenter(s): Ann Thresher

Thresher, A; Indian Ocean QC I; JCOMM Steering Group Meeting for the Global Temperature –Salinity Profile Programme, 05/05/2010 - 07/05/2010, Oostende, Presenter(s): Ann Thresher

Beggs, H, Verein, R, Paltoglou, G, Thomas, A; IMOS Ship SST Observations; 6th JCOMM Ship Observations Team Meeting, 11/04/2011 - 15/04/2011, Hobart, Presenter(s): Helen Beggs

Richardson, A; A plankton observing system: the Australian Continuous Plankton Recorder survey (AusCPR); Department of Environmental Affairs and Tourism Talk, 01/09/2011 - 01/09/2011, Cape Town, Presenter(s): Anthony Richardson

Feng, M; XBT network in the Indian Ocean; 9th Session of the CLIVAR/IOC-GOOS Indian Ocean Panel, 15/10/2012 - 17/10/2012, Cape Town, Presenter(s): Ming Feng

Beggs, H, Majewski, L; Satellite SST and SST Verification; BLUElink III Science Meeting, 30/10/2012 - 31/10/2012, Hobart, Presenter(s): Helen Beggs

McLaughlin, J, Coman, F, Strzelecki, J, Davies, C, Hosie, G, McLeod, DJ, Slotwinski, A, Tonks, M, Richardson, A; Plankton observing in Australia: the Australian Continuous Plankton recorder (AusCPR) survey; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Joanna Strzelecki

Ridgway, K; Observing the interannual and decadal variability of the East Australian Current; Bluewater & Climate Node Science Meeting, 28/11/2012 - 29/11/2012, Hobart, Presenter(s): Ken Ridgway

Schulz, E; Observations for understanding ocean-atmosphere interactions; American Association for the Advancement of Science (AAAS) annual meeting - , 14/02/2013 - 18/06/2013, Boston, Presenter(s): Eric Schulz

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Beggs, H, Dekker, AG; Australian ship sea surface temperature for Sentinel-3 SLSTR validation; Setinel-3 Validation Team 1st Meeting, 26/11/2013 - 29/11/2013, Frascati, Presenter(s): Helen Beggs

Tilbrook, B, Steven, A, Akl, J, Berry, K, Lenton, A, Neill, C, et, al.; Seawater carbonate chemistry and acidification; Carbon Cluster Meeting, 28/11/2013 - 29/11/2013, Stradbroke Island, Presenter(s): Bronte Tilbrook

Kloser, R, Keith, G, Sutton, C, Ryan, T, Downie, R; A decade of Tasman Sea bioacoustics; ICES Working Group on Fisheries Acoustics Science and Technology (WGFAST) Meeting, 05/05/2014 - 09/05/2014, Massachusetts, Presenter(s): Rudy Kloser

Ryan, T, Kloser, R, Sherlock, M, Cordell, J, Marouchos, A; From nekton to micro-nekton - applications and challenges with deepwater quantitative acoustic-optical measurements; ICES Working Group on Fisheries Acoustics Science and Technology (WGFAST) Meeting, 05/05/2014 - 09/05/2014, Massachusetts, Presenter(s): Tim Ryan

Shadwick, E, Trull, T, Tilbrook, B, et, al.; Seasonality of biological and physical controls on surface CO2 from hourly observations at the Southern Ocean Time Series site, south of Australia; ACE-CRC Annual Symposium, 04/06/2014 - 04/06/2014, Hobart, Presenter(s): E Shadwick

Tilbrook, B; Carbon observing system requirements for the Southern Ocean; Southern Ocean Observing System 3rd Scientific Steering Committee Meeting, 18/06/2014 - 20/06/2014, Tromso, Presenter(s): Bronte Tilbrook

Steinberg, C, Moltmann, T; Australia's Integrated Marine Observing System; Joint WMO-IOC Commission for Oceanography and Marine Meteorology DBCP PI-1, 04/05/2015 - 07/05/2015, Koror, Presenter(s): Craig Steinberg

Steinberg, C; Australia's Integrated Marine Observing System; GOOS Steering Committee 4, 24/05/2015 - 26/05/2015, Australian Institute of Marine Science, Townsville, Presenter(s): Craig Steinberg

Beggs, H, Griffin, C, Majewski, L, Sisson, J; IMOS HRPT AVHRR SST validation; 16th GHRSSST Science Team Meeting, 20/07/2015 - 24/07/2015, Noordwyk, Presenter(s): Helen Beggs

Beggs, H, Ignatov, A, Dash, P, et, al.; ST-VAL breakout session overview and inputs from ST-VAL; 16th GHRSSST Science Team Meeting, 20/07/2015 - 24/07/2015, Noordwyk, Presenter(s): Helen Beggs

Tilbrook, B, Steven, A, Neill, C, Berry, K, Passmore, A; Future Reef MAP; Rio Tinto and Great Barrier Reef Foundation meeting, 29/10/2015 - 29/10/2015, Brisbane, Presenter(s): Bronte Tilbrook

Beggs, H, Griffin, C, Sisson, J, Govekar, P; IMOS AVHRR SST on-line validation; 17th GHRSSST Science Team Meeting, 06/06/2016 - 10/06/2016, Washington DC, Presenter(s): Helen Beggs

Kloser, R; Acoustic observations, biological challenges and technological opportunities; CSIRO Meeting, 01/09/2016 - 01/09/2016, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Rudy Kloser

Cowley, R; Monitoring and data centre reports - Global temperature and Salinity Profile Programme (GTSP); 9th Session of the Ship Observations Team, 27/03/2017 - 31/03/2017, London, Presenter(s): Rebecca Cowley

Cowley, R; SOOP Programme activity reports (including implementation status) - Report by the SOOPIP Chairperson ; 9th Session of the Ship Observations Team, 27/03/2017 - 31/03/2017, London, Presenter(s): Rebecca Cowley

Ryan, T, Kloser, R, Downie, R, Keith, G; IMOS BA-SOOP bi-acoustic processing methods; ICES Working Group on Quality of Acoustic Data (WKQUAD), 31/03/2017 - 31/03/2017, Nelson, Presenter(s): Tim Ryan

Downie, R, Kloser, R, Ryan, T, et, al.; Basin scale bio-acoustic observing and change detection: from little things big things grow; ICES Working Group on Fisheries Acoustics Science and Technology, 03/04/2017 - 07/04/2017, Nelson, Presenter(s): Ryan Downie

Beggs, H, Sisson, J; IMOS Ship SST for Satellite SST Validation; 18th GHRST Science Team Meeting, 05/06/2017 - 09/06/2017, Qingdao, Presenter(s): Helen Beggs

Liu, C, Angel, W, Freeman, E, et, al.; The improvement of ICOADS3.0 and its application to DOISST; 18th GHRST Science Team Meeting, 05/06/2017 - 09/06/2017, Qingdao, Presenter(s): C Liu

Benthuisen, J; Oceanography of Northern Australia; temperature loggers, moorings, gliders, and thermosalinograph results highlighted; Dhimurru Aboriginal Corporation, 20/06/2017 - 20/06/2017, Nhulunbuy, Presenter(s): Jessica Benthuisen

Benthuisen, J; Oceanography of Northern Australia; temperature loggers, moorings, gliders, and thermosalinograph results highlighted; Anindilyakwa Land and Sea Rangers, 21/06/2017 - 21/06/2017, Alyangula, Presenter(s): Jessica Benthuisen

Moltmann, T; IMOS observations for coasts and extremes (Meeting Nov 2014); CAWCR, Melbourne, Presenter(s): Tim Moltmann

### **Session Chair**

Session Chair - GTSP Data Issue - II; GTSP (Global Temperature-Salinity Profile Program) Meeting, 27/10/2008 - 27/10/2008, Honolulu, Presenter(s): Ann Thresher

Session Co-Chairs - Standardisation of Quality Control; JCOMM Steering Group Meeting for the Global Temperature -Salinity Profile Programme, 05/05/2010 - 07/05/2010, Oostende, Presenter(s): Charles Sun, Ann Thresher

Session Chair - XBT Workshop; Sixth Session of the JCOMM Ship Observations Team (SOT) , 11/04/2011 - 15/04/2011, Hobart, Presenter(s): Ann Thresher

Session Chair - TG-AcMetadata; ICES Working Group on Fisheries Acoustics Science and Technology Annual Meeting, 10/05/2011 - 13/05/2011, Reykjavik, Presenter(s): Tim Ryan

Session Co-Chairs - XBT Fall rate corrections; XBT Science Workshop, 07/07/2011 - 08/07/2011, Melbourne, Presenter(s): Rebecca Cowley, Ann Thresher

### **Symposium Presentation**

Hosie, G, Kitchener, JA, McLeod, DJ, Takahashi, KT, Hunt, BPV, How, J; Circum-Antarctic zooplankton patterns as determined by Continuous Plankton Recorder; 10th SCAR Biology Symposium, 27/07/2009 - 31/07/2009, Sapporo, Presenter(s): Graham Hosie

McLeod, DJ, Takahashi, KT, Hosie, G, Kitchener, JA, et, al.; The Distribution of key zooplankton taxa in the Southern Ocean: The Southern Ocean Continuous Plankton Recorder Atlas; 10th SCAR Biology Symposium, 27/07/2009 - 31/07/2009, Sapporo, Presenter(s): Graham Hosie

Hosie, G; Changes in Southern Ocean Zooplankton. Local changes in a global context; Symposium on Antarctic-South American Interactions in the Marine Environment, 05/11/2009 - 06/11/2009, Rio de Janeiro, Presenter(s): Graham Hosie

Proud, R, Cox, MJ, Wotherspoon, S, Brierly, A; Acoustic classification of meso-pelagic communities; ICES Annual Science Conference, 20/09/2010 - 24/09/2010, Nantes, Presenter(s): Roland Proud

Hosie, G, Raymond, B, Takahashi, KT, Lida, T, Kitchener, JA, McLeod, DJ; The variability of zooplankton community structure in the Southern Ocean based on Continuous Plankton Recorder data; 32nd Symposium on Polar Biology, 30/11/2010 - 01/12/2010, Tokyo, Presenter(s): Graham Hosie

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Richardson, A, Gusmao, LFM, Baird, ME, Coman, F, Delacruz, J, Pritchard, T, Slotwinski, A, Suthers, I; Long-term hydroclimate drivers of zooplankton composition and phenology off eastern Australia; 5th International Zooplankton Production Symposium, 14/03/2011 - 18/03/2011, Pucon, Presenter(s): Anthony Richardson

Hosie, G, Mormede, S, Richardson, A, Hall, J; Australia, NZ role in the global Alliance of CPR Surveys and Southern Ocean CPR Consortium; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Graham Hosie

Kloser, R, O'Driscoll, R; Bio-acoustic observations for ecosystem characterisation; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Rudy Kloser

Nodder, SM, Schulz, E, Trull, T; Deep-ocean observatories and biogeochemical and biophysical time-series data: New Zealand-Australia and international linkages; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Scott Nodder

Schulz, E, Smith, M, Boyd, PW; Regional ships of opportunity: Ship-based air-sea flux and Aeolian dust measurements in the seas around New Zealand and Australia; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Eric Schulz

Sutton, P, Wijffels, S, Ridgway, K; Strengthening Au/NZ contributions to Argo and sustaining the Tasman Box XBT lines; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Philip Sutton

Tilbrook, B, Currie, K; New Zealand and Australian integrated network for sustained observations of ocean carbon fluxes and acidification; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Bronte Tilbrook

Tilbrook, B, Currie, K, Smith, M; Sustained observing network for ocean carbon and acidification; Australia-NZ Symposium, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Bronte Tilbrook

Shadwick, E; Carbon cycling in the Mertz Polynya; ACE CRC Annual Symposium, 08/03/2012 - 09/03/2012, Hobart, Presenter(s): Steve Rintoul, E Shadwick, Bronte Tilbrook

Richardson, A; Climate Change Ecology: seeing the big picture; CMAR Science Symposium - Science, Impacts, Possibilities, 20/03/2012 - 22/03/2012, Hobart, Presenter(s): Anthony Richardson

Hosie, G, Batten, S, Chiba, S, Edwards, M, Fukuchi, M, Hall, J, Melrose, C, Muxagata, E, Richardson, A, Verheye, H, Burkill, P; Global Alliance of Continuous Plankton Recorder Surveys (GACS): placing local/regional monitoring in a global context; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Graham Hosie

Kloser, R, Sutton, C, Ryan, T, Keith, G, Downing, R; Sampling micronekton at basin scales comparison of nets and acoustics; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Rudy Kloser

McLeod, DJ, Hallegraeff, GM, Hosie, G, Richardson, A; Climate-driven range expansion of the red-tide dinoflagellate *Noctiluca scintillans* into the Southern Ocean; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): David McLeod

Ridgway, K, Hill, K; The EAC system: mean flow and time-varying circulation; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ken Ridgway

Ridgway, K; Observing the interannual and decadal variability of the East Australian Current; Open Science Symposium on Western Pacific Ocean Circulation and Climate, 15/10/2012 - 17/10/2012, Qingdao, Presenter(s): Ken Ridgway

Behagle, N, Gauthier, O, Cotte, C, et, al.; Spatial structure of micronekton closely related to oceanographic fronts in the South West Indian Ocean; ICES Symposium on Marine Ecosystem Acoustics (SOME Acoustics), 25/05/2015 - 28/05/2015, Nantes, Presenter(s): Nolwenn Behagle

Downie, R, Kloser, R, Ryan, T; Characterising pelagic habitats at ocean basin scales in partnership with commercial fishers; ICES Symposium on Marine Ecosystem Acoustics (SOME Acoustics), 25/05/2015 - 28/05/2015, Nantes, Presenter(s): Ryan Downie

Escobar Flores, P, O'Driscoll, R, Montgomery, J; Bridging the gap between fisheries and oceanography: using fisheries acoustics to monitor pelagic ecosystems in the Southern Ocean; ICES Symposium on Marine Ecosystem Acoustics (SOME Acoustics), 25/05/2015 - 28/05/2015, Nantes, Presenter(s): Pablo Escobar Flores

Kloser, R, Downie, R, Gershwin, L, Keith, G, Ryan, T, Sutton, C; Towards an acoustic derived mesopelagic biogeography of ocean basins; ICES Symposium on Marine Ecosystem Acoustics (SOME Acoustics), 25/05/2015 - 28/05/2015, Nantes, Presenter(s): Rudy Kloser

Thomas, J, Fielding, S, Kloser, R, Ryan, T, Brehmer, P, Behagle, N; A circumpolar database of mid-trophic organisms in the Southern Ocean? The Southern Ocean network acoustics; ICES Symposium on Marine Ecosystem Acoustics (SOME Acoustics), 25/05/2015 - 28/05/2015, Nantes, Presenter(s): Jenny Thomas

Baldry, K, Hardman-Mountford, NJ, Greenwood, J, Tilbrook, B; Remotely-sensed estimation of alkalinity in coastal waters around Australia; 4th Oceans in a high CO<sub>2</sub> World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): K Baldry

Conde-Pardo, P, Tilbrook, B; Biogeochemical change in the Southern Ocean, South of Tasmania; 4th Oceans in a high CO<sub>2</sub> World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): Paula Conde-Pardo

Davidson, S, Westwood, KJ, Thomson, P, Deppeler, S, Pascoe, P, Wright, SW, Pearce, I, Van den Enden, M, Johnson, R, Schulz, K, Tilbrook, B, De Salas, M; Variability in response of Antarctic marine microbes to enhanced pCO<sub>2</sub> ; 4th Oceans in a high CO<sub>2</sub> World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): S Davidson

Hardman-Mountford, NJ, Greenwood, N, Tilbrook, B; Relative potential impacts of local and global CO<sub>2</sub> release: comparison of natural variability and trends to carbon capture and storage; 4th Oceans in a high CO<sub>2</sub> World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): Nick Hardman-Mountford

Mongin, M, Baird, ME, Hadley, S, Lenton, A; Optimising island-scale buffering of ocean acidification; 4th Oceans in a high CO<sub>2</sub> World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): Mathieu Mongin

Tilbrook, B, Steven, A, Neill, C, Berry, K, et, al.; Ocean acidification on the Great Barrier Reef; The Future of Marine Ecosystems, 08/10/2016 - 10/10/2016, Hobart, Presenter(s): Bronte Tilbrook

Tilbrook, B; The Global Ocean Acidification Observing Network; GEOSS Asia-Pacific Symposium, Earth observations supporting the implementation of the SDGs in the Asia Pacific Region, 11/01/2017 - 13/01/2017, Tokyo, Presenter(s): Bronte Tilbrook

## Webinar

Uribe-Palomino, J; What is in a mouthful of water?; CSIRO/IMOS Plankton Video, Brisbane, Presenter(s): Julian Uribe-Palomino

## Workshop Presentation

Gronell, A; XBT metadata effects on fall rate corrections; NOAA XBT Fall Rate Workshop, 10/03/2008 - 12/03/2008, Miami, Presenter(s): Ann Gronell

Wijffels, S; Impact of fall rate on estimates of the steric component of sea level rise; NOAA XBT Fall Rate Workshop, 10/03/2008 - 12/03/2008, Miami, Presenter(s): Susan Wijffels

Schulz, E; An Australian contribution to SAMOS and GOSUD; 2nd GOUSD/SAMOS Workshop, 10/06/2008 - 12/06/2008, Seattle, Presenter(s): Eric Schulz

Schulz, E; Air-Sea Flux verification over the ocean; ACCESS Model Evaluation Workshop, 29/04/2010 - 29/04/2010, Bureau of Meteorology, Melbourne, Presenter(s): Eric Schulz

Hosie, G, et, al.; Southern Ocean CPR Survey Data; CAML/SCAR Biogeographic Synthesis Workshop, 18/05/2010 - 21/05/2010, Villefranch-sur-mer, Presenter(s): Graham Hosie

Neill, C; Underway pCO<sub>2</sub> system developments; Southern and Indian Ocean Surface Ocean Carbon Dioxide Atlas (SOCAT) Workshop, 16/06/2010 - 18/06/2010, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Craig Neill

Tilbrook, B; Future plans: Southern and Indian Ocean observations Australia; Southern and Indian Ocean Surface Ocean Carbon Dioxide Atlas (SOCAT) Workshop, 16/06/2010 - 18/06/2010, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Bronte Tilbrook

Cowley, R, Wijffels, S, Boyer, T, Kizu, S; A new view of biases in historical expendable bathythermograph data based on side-by-side comparisons; XBT Bias and Fall Rate Workshop , 25/08/2010 - 27/08/2010, Hamburg, Presenter(s): Rebecca Cowley

Thresher, A, Sun, C, Snowden, D; Requirements for a new NetCDF format for Upper Ocean Temperature (UOT) data; XBT Bias and Fall Rate Workshop , 25/08/2010 - 27/08/2010, Hamburg, Presenter(s): Rebecca Cowley

Hosie, G, McLeod, DJ; Expert group on CPR research; Southern Ocean CPR Standards Workshop, 22/11/2010 - 26/11/2010, Tokyo

Hosie, G, McLeod, DJ; SCAR Expert Group on CPR Research; Southern Ocean CPR Standards Workshop, 22/11/2010 - 26/11/2010, Tokyo, Presenter(s): Graham Hosie, David McLeod

Beggs, H, Verein, R, Paltoglou, G, Thomas, A; Using IMOS Ship SST Observations for Validation of Satellite SST Observations; GHRSSST SST Validation Working Group Workshop, 01/03/2011 - 01/03/2011, Boulder, Presenter(s): Helen Beggs

Kloser, R; Toward a global observation and modelling system for studying the ecology of the open ocean using acoustics; EurOceans Foresight Workshop, 03/05/2011 - 06/05/2011, Bergen, Presenter(s): Rudy Kloser

Kloser, R, McCauley, R; Sustained ecosystem monitoring using passive and active acoustics; ICES Working Group on Fisheries Acoustics Science and Technology Annual Meeting, 10/05/2011 - 13/05/2011, Reykjavik, Presenter(s): Rudy Kloser

Ryan, T, Kloser, R; Processing of acoustic data for a ship of opportunity ocean observing system ; ICES Working Group on Fisheries Acoustics Science and Technology Annual Meeting, 10/05/2011 - 13/05/2011, Reykjavik, Presenter(s): Rudy Kloser

Thresher, A; GTSP data management in Australia; GTSP Data Management Workshop, 07/06/2011 - 09/06/2011, Washington DC, Presenter(s): Ann Thresher

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Beggs, H; Use and requirements for XBT surface temperature observations by the Group for High Resolution SST (GHRSSST); XBT Science Workshop, 07/07/2011 - 08/07/2011, Melbourne, Presenter(s): Helen Beggs

Cowley, R; A new analysis of fall-rate coefficients in historical XBT data based on side-by-side comparisons; XBT Science Workshop, 07/07/2011 - 08/07/2011, Melbourne, Presenter(s): Rebecca Cowley

Cowley, R; A New View of XBT Biases; XBT Science Workshop, 07/07/2011 - 08/07/2011, Melbourne, Presenter(s): Rebecca Cowley

Domingues, CM; The importance of XBT data to climate studies; XBT Science Workshop, 07/07/2011 - 08/07/2011, Melbourne, Presenter(s): Catia Domingues

Hill, K; Decadal changes in the East Australian Current system - the relationship to changes in the South Pacific Gyre; XBT Science Workshop, 07/07/2011 - 08/07/2011, Melbourne, Presenter(s): Katy Hill

Oke, PR; Observing system evaluation activities under GODAE Ocean View; XBT Science Workshop, 07/07/2011 - 08/07/2011, Melbourne, Presenter(s): Peter Oke

Rintoul, S; On the Southern Ocean; XBT Science Workshop, 07/07/2011 - 08/07/2011, Melbourne, Presenter(s): Steve Rintoul

Tilbrook, B; Observing networks: Sensors and Platforms; Surface Ocean CO2 Data to Flux, UNESCO, 12/09/2011 - 13/09/2011, Paris, Presenter(s): Bronte Tilbrook

Hosie, G, Richardson, A; Workshop on going global: internationalising the Continuous Plankton Recorder Survey; Plankton Symposium: Plankton Biodiversity and Climate Change, 22/09/2011 - 23/09/2011, Plymouth, Presenter(s): Graham Hosie, Anthony Richardson

Schulz, E, Smith, M, Boyd, PW, McTainsh, G; Ship-based air-sea flux & Aeolian dust measurements in the seas around New Zealand and Australia; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Eric Schulz

Beggs, H, Paltoglou, G, Verein, R; Ship SST data for satellite SST and ocean model validation below 40°S; GHRSSST Joint Workshop on Tropical Warm Pool and High Latitude SST Issues, 05/03/2012 - 09/03/2012, Melbourne

Craig, P, Brassington, GB, Haynes, J, Schiller, A, Pugh, TF, Sandery, PA, Oke, PR, Symonds, G; BLUElink - status, challenges and future; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Peter Craig

Jones, EM, Brinkman, R, Gillibrand, P, Herzfeld, M, Margvelashvili, N, Mongin, M, Rigby, P, Sharman, C, Timms, GP, Tonin, H, Wild-Allen, K; Australian coastal modelling and information systems: assisting management decision making; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Emlyn Jones

Ridgway, K, Schulz, E, Oke, PR, Wijffels, S, Strutton, P; Bluewater in-situ observations - applications to models; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Ken Ridgway

McLeod, DJ, Coman, F, Davies, C, Hosie, G, McLaughlin, D, Murphy, N, Rochester, W, Slotwinski, A, Strzelecki, J, Tonks, M, Richardson, A; Plankton Observing in Australia: the Australian Continuous Plankton Recorder (AusCPR); Bluewater & Climate Node Science Meeting, 28/11/2012 - 29/11/2012, Hobart, Presenter(s): David McLeod

Tilbrook, B, Nojiri, Y, Steven, A, Mongin, M, Lenton, A, Matear, R; Seawater carbonate chemistry and ocean acidification; Japan-Australia Marine Science Workshop, 11/07/2013 - 12/07/2013, Tokyo, Presenter(s): Bronte Tilbrook

Tilbrook, B; Observing ocean acidification and its impacts in the Southern Ocean; 2nd International Workshop to Develop an Ocean Acidification Observing Network of Ship Surveys, Moorings, Floats and Gliders, 24/07/2013 - 26/07/2013, St. Andrews, Presenter(s): Bronte Tilbrook

Tilbrook, B; Carbonate chemistry of the Great Barrier Reef and Coral Sea; Southern Ocean Acidification Workshop, 23/09/2013 - 23/09/2013, Australian Antarctic Division, Hobart, Presenter(s): Bronte Tilbrook

Tilbrook, B; Defining essential ocean variables for biogeochemistry; First Technical Experts Workshop of the GOOS Biology and Ecosystem, and GOOS Biogeochemistry Panel, 13/11/2013 - 16/11/2013, Townsville, Presenter(s): Bronte Tilbrook

Tilbrook, B; The Southern Ocean Observing System; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Bronte Tilbrook

Tilbrook, B, Steven, A, Akl, J, Berry, K, Lenton, A, Neill, C, et. al.; Overview of seawater carbonate chemistry and acidification research in IMOS and other projects for Australia; Ocean Acidification Workshop, 18/02/2014 - 18/02/2014, Hobart, Presenter(s): Bronte Tilbrook

Tilbrook, B; Ocean carbonate chemistry of the Coral Sea and Great Barrier Reef; Ocean Acidification and Coral Reefs: Linking Science to Solutions Workshop II, 05/03/2014 - 06/03/2014, Brisbane, Presenter(s): Bronte Tilbrook

Ryan, T, Kloser, R, Downie, R, Keith, G; Quality assurance of acoustic data products from multiple vessels in a range of sea states; ICES Working Group on Fisheries Acoustics Science and Technology (WGFAST) Meeting, 05/05/2014 - 09/05/2014, Massachusetts, Presenter(s): Tim Ryan

Tilbrook, B; Ocean acidification observing system; UN Small Island Developing States Ocean Acidification Workshop, 28/08/2014 - 29/08/2014, Apia, Presenter(s): Bronte Tilbrook

Fielding, S, Thomas, J, Anderson, C, Conchon, A, Cossio, A, Dunsford, A, Escobar Flores, P, Horne, J, Jarvis, T, Kloser, R, Ryan, T; Acoustic processing and methods workshop; Southern Ocean Network of Acoustics (SONA) Workshop, 24/04/2016 - 25/04/2016, Vigo, Presenter(s): Sophie Fielding

Kloser, R; Australia's integrated observing system - bioacoustics; Southern Ocean Network of Acoustics (SONA) Workshop, 24/04/2016 - 25/04/2016, Vigo, Presenter(s): Rudy Kloser

Ryan, T, Kloser, R, Downie, R, Keith, G; Sona workshop: discussion presentation for quality assurance of acoustic data products from multiple vessels in a range of sea states; Southern Ocean Network of Acoustics (SONA) Workshop, 24/04/2016 - 25/04/2016, Vigo, Presenter(s): Tim Ryan

Tilbrook, B; Global ocean acidification observing network; 3rd Global Ocean Acidification Observing Network Workshop, 08/05/2016 - 10/05/2016, Hobart, Presenter(s): Bronte Tilbrook

Uribe-Palomino, J; Parasitic copepods workshop; 3rd International Workshop on Symbiotic Copepoda, 10/07/2016 - 16/07/2016, Heron Island, Presenter(s): Julian Uribe-Palomino

Cowley, R; Roadmap for implementation of uncertainty into IQuOD dataset versions; 5th XBT Science Workshop and 4th Annual IQuOD Workshop, 05/10/2016 - 07/10/2016, Tokyo, Presenter(s): Rebecca Cowley

Cowley, R; Uncertainty task team: summary of activities; 5th XBT Science Workshop and 4th Annual IQuOD Workshop, 05/10/2016 - 07/10/2016, Tokyo, Presenter(s): Rebecca Cowley

Janekovic, I, Pattiaratchi, C, et. al.; Predicting the ocean and continental shelf dynamics off southeastern and central Western Australia using advanced ROMS capabilities; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Ivica Janekovic

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Roughan, M, Kerry, C, Rao, S, et, al.; Modelling and observing the East Australian Current system and its impacts on shelf circulation, Lagrangian transport and biogeochemistry; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Moninya Roughan

Feng, M; Monitoring boundary currents in the Indian Ocean; IndOOS review workshop, 30/01/2017 - 01/02/2017, Perth, Presenter(s): Ming Feng

Zhou, X, Ignatov, A, Xu, F; NOAA in situ SST Quality Monitor; BoM-NOAA SST Workshop, 18/04/2017 - 21/04/2017, Melbourne, Presenter(s): X Zhou

Richardson, A, Everett, JD, Suthers, I; Analysis IMOS AusCPR data; AusCPR Workshop, 27/04/2017 - 27/04/2017, Sydney Institute for Marine Science, Sydney

Type Count

240

## Deep water moorings

### Conference Oral Presentation

Schulz, E, Trull, T; The Australian Integrated Marine Observing System Southern Ocean Time Series Program, National Institute of Water and Atmospheric Research, Wellington, NZ, Nov. 2007; Australian Meteorological and Oceanographic Society (AMOS) Conference, 29/01/2008 - 01/02/2008, Geelong, Presenter(s): Eric Schulz

Schulz, E; Air-sea flux observing efforts in the Southern Ocean; Australia - New Zealand Climate Forum 2010, 13/10/2010 - 15/10/2010, Hobart, Presenter(s): Eric Schulz

Trull, T; Enhancement of Oceanic CO<sub>2</sub> uptake; International Union of Geophysics and Geology (IUGG) Earth on the Edge: Science for a Sustainable Planet, 28/06/2011 - 07/07/2011, Melbourne, Presenter(s): Tom Trull

Baird, ME, Oke, PR, Everett, JD, Griffin, DA, Doblin, MA, Pender, L, Suthers, I; Dynamics of a surface gravity current in a cold-core eddy in the western Tasman Sea; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Sloyan, B, Wijffels, S; Sustained monitoring in the Timor Passage and Ombai Strait: components of the Indonesian Throughflow; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Bernadette Sloyan

Trull, T; Sensor based studies of Southern Ocean carbon and climate signals; UTAS Quantitative Marine Science Invited New Students PhD Days, 14/07/2011 - 15/07/2011, University of Tasmania, Hobart, Presenter(s): Tom Trull

Trull, T; Options for enhancement of oceanic CO<sub>2</sub> uptake; Australian Academy of Sciences and Australian Academy of Technical Sciences and Engineering Symposium on Geoengineering the Climate, 26/09/2011 - 27/09/2011, Canberra, Presenter(s): Tom Trull

Josey, SA, Schulz, E, Yu, L; First steps towards determination of the Southern Ocean air-sea heat exchange: Evaluating flux datasets using the SOFS mooring; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Schulz, E; Evaluating the numerical weather prediction air-sea fluxes over the global ocean for Access-G; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Trull, T; Advances in the understanding of the Southern Ocean carbon cycle; ACE CRC Annual Symposium, 08/03/2012 - 09/03/2012, Hobart, Presenter(s): Tom Trull

Wijffels, S, Sloyan, B, Steinberg, C; The Australian Integrated Marine Observing System's Indonesian throughflow and shelf moorings; CLIVAR ITF-Task Team Workshop Developing an Effective Monitoring Program of the Indonesian throughflow, 12/03/2012 - 14/03/2012, Jakarta

Schulz, E, Durrant, TH; Evaluating the numerical weather prediction - Air Sea Fluxes over the Global Ocean for ACCESS-G; 9th ACCESS/CAWCR Informal Workshop, 30/03/2012 - 30/03/2012, Melbourne, Presenter(s): Eric Schulz

Hill, K, Sloyan, B, Ridgway, K, Rintoul, S, Oke, PR; Variability in the East Australian Current: Existing evidence, and observing system plans; 10th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO) - Changing Southern Climates, 23/04/2012 - 27/04/2012, Noumea

Yu, L; Towards a balanced net heat flux at the ocean surface; NASA Clouds and Earth's Radiant Energy System (CERES) science team meeting, 01/05/2012 - 03/05/2012, Newport News, Presenter(s): Lisan Yu

Trull, T; Changing Southern Ocean biogeochemistry - the impact of iron and acidity; Australian Academy of Sciences Symposium "Antarctic Science - from Mawson's Expedition to today, 04/05/2012 - 04/05/2012, Canberra, Presenter(s): Tom Trull

Trull, T; Advances in Southern Ocean Carbon Cycle research; ACE CRC Mid-Term Review, 23/05/2012 - 23/05/2012, Hobart, Presenter(s): Tom Trull

Trull, T; The Southern Ocean Time Series moored sensing and sampling program - motivations for moving beyond biogeochemistry to marine microbial ecology; Autonomous, in situ microbial diagnostics and monitoring for microbial oceanography Workshop, 05/11/2012 - 06/11/2012, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Tom Trull

Sloyan, B, Wijffels, S, Cowley, R; Observations of the Pacific and Indian Ocean Exchange; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Bernadette Sloyan

Trull, T; An overview of Australian open ocean moored observatories; OceanSITES 9th Steering Committee and 6th Data Management Team Meetings, 27/05/2013 - 30/05/2013, Seoul, Presenter(s): Tom Trull

Sloyan, B, Wijffels, S, Cowley, R; The 2011-2012 Pacific and Indian Ocean Exchange: Initial results from the IMOS Timor Passage and Ombai Strait Moorings; AOGS - Asia Oceania Geosciences Society Annual Meeting, 24/06/2013 - 28/06/2013, Brisbane, Presenter(s): Bernadette Sloyan

Trull, T, Schulz, E; The Southern Ocean Time Series observatory: automated; Strategic Science in Antarctica - A Joint Australian and New Zealand Conference, 24/06/2013 - 26/06/2013, University of Tasmania, Hobart, Presenter(s): Tom Trull

Trull, T; Australian Bluewater Observing System; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Tom Trull

Trull, T; Hourly observations at the Australian Integrated Marine Observing System Southern Ocean Time Series facility; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Tom Trull

Trull, T; Net community production at the Southern Ocean Time Series site; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Tom Trull

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Closset, I, Cardinal, D, Thil, F, Bray, SG, Trull, T; Seasonal variation, origin and fate of settling diatoms in the Southern Ocean tracked by silicon isotope record in deep sediment traps; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Ivia Closset

Trull, T, Weeding, B, Bray, SG, Jansen, P, Schulz, E; Hourly observations at the Australian Southern Ocean Time Series indicate elevated net community production in the still-cooling, late-winter, deep mixed layer; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tom Trull

Cardinal, D, Closset, I, Bray, SG, Trull, T; Composition of settling particles in the Southern Ocean and processes controlling seasonal variations of deep export production; European Geosciences Union (EGU) General Assembly, 27/04/2014 - 02/05/2014, Vienna, Presenter(s): D Cardinal

Sloyan, B, Cowley, R; Temporal and spatial variability of the East Australian Current; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Bernadette Sloyan

Robertson, R; Parameterization of vertical tidal mixing in ROMS; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Robin Robertson

Steinberg, C, Williams, DK, McAllister, F, Rigby, P, Spagnol, S, Brinkman, R, Benthuyzen, J, Pattiaratchi, C, Wijffels, S, Sloyan, B, Feng, M, Book, JW; Toward Sustained Ocean Observing across Tropical Northern Australian Shelf Seas; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Craig Steinberg

Waseda, T, Kiyomatsu, K, Fujimoto, W, Jansen, P, Schulz, E, Babanin, A, Rapizo, H; Observed orbital velocity of extreme waves and directional spectrum; 14th International Workshop on Wave Hindcasting and Forecasting & 5th Coastal Hazard Symposium, 08/11/2015 - 13/11/2015, Key West

Sloyan, B; Direct observations of the East Australian Current and property transport at 27 degrees South from 2012-2013; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Bernadette Sloyan

Passmore, A, Trull, T, Davies, DM, Smit, T; Distribution of pelagic biogenic carbonates south of Australia: a baseline for ocean acidification impact assessment; 4th Oceans in a high CO<sub>2</sub> World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): A Passmore

Doyle, H, Van Wijk, EM, Wallace, L, Trull, T; A climatology-based delayed mode QC procedure for Argo oxygen data; Australia-India Bio-Argo Workshop, 14/12/2016 - 16/12/2016, Perth, Presenter(s): Tom Trull

## Conference Poster

Trull, T; The Southern Ocean Time Series Observatory; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Tom Trull

Kelly-Gerreyn, B, Ball, G, Beggs, H, Schulz, E, Cabrie, J, Robinson, P, Rodriguez, J, Casey, B; The Australian Bureau of Meteorology's core marine observing networks; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Boris Kelly-Gerreyn

Moltmann, T, Proctor, R, Donoghue, S; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

Kerry, C, Roughan, M, Powell, B; A high resolution re-analysis for the East Australian Current; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Steinberg, C, Williams, DK, McAllister, F, Rigby, P, Spagnol, S, Brinkman, R, Benthuyesen, J, Pattiaratchi, C, Wijffels, S, Sloyan, B, Feng, M; Toward sustained ocean observing across tropical northern Australian shelf seas; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Craig Steinberg

Steinberg, C, Williams, DK, McAllister, F, Rigby, P, Spagnol, S, Brinkman, R, Benthuyesen, J, Pattiaratchi, C, Wijffels, S, Sloyan, B, Feng, M, Book, JW; Toward sustained ocean observing across tropical northern Australian shelf seas; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Craig Steinberg

Kita, Y, Waseda, T, Schulz, E, Jansen, P, Nishida, T; Turbulence intensification of marine winds at midlatitude in the southern hemisphere; comparison with the northern hemisphere; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans

Kelly-Gerreyn, B, Ingham, B, Warne, J, Beggs, H, Schulz, E; The Australian Bureau of Meteorology's core marine observing networks; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Rigual-Hernandez, A, Trull, T, Flores, J-A, Kloster, M, Fuertes, MA, Armand, L; Southern Ocean sediment traps: novel applications for understanding ecosystem functioning and the biological pump; Polar Marine Science Gordon Research Seminar, 26/03/2017 - 31/03/2017, Ventura, Presenter(s): Andres Rigual-Hernandez

### **Meeting Presentation**

Schulz, E, Josey, SA; Southern Ocean Air-Sea Fluxes: recent developments; CLIVAR/CliC/SCAR Southern Ocean Region Implementation Panel 6th Meeting, 14/06/2010 - 17/06/2010, Southampton, Presenter(s): Simon Josey

Speer, K; Results of SOFS-NCEP validation; NSF Office of Polar Programs Advisory Committee Meeting, 10/11/2010 - 10/11/2010, Arlington, Presenter(s): Kevin Speer

Sloyan, B; IMOS long term monitoring of the East Australian Current; SPICE Science Planning Meeting, 13/04/2011 - 15/04/2011, Hobart, Presenter(s): Bernadette Sloyan

Hidas, MG; Integrated Marine Observing System (IMOS); 8th OceanSITES Steering Team Meeting, 01/12/2011 - 02/12/2011, La Jolla, Presenter(s): Marty Hidas

Trull, T; Net community production at the Southern Ocean Time Series; Bluewater & Climate Node Science Meeting, 28/11/2012 - 29/11/2012, Hobart, Presenter(s): Tom Trull

Schulz, E; Observations for understanding ocean-atmosphere interactions; American Association for the Advancement of Science (AAAS) annual meeting - , 14/02/2013 - 18/06/2013, Boston, Presenter(s): Eric Schulz

Steinberg, C, Moltmann, T; Australia's Integrated Marine Observing System; Joint WMO-IOC Commission for Oceanography and Marine Meteorology DBCP PI-1, 04/05/2015 - 07/05/2015, Koror, Presenter(s): Craig Steinberg

Schallenberg, C, Trull, T, Jansen, P; Southern Ocean Time Series Bio-optical QC; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Christina Schallenberg

### **Symposium Presentation**

Trull, T; Quantifying the biological carbon pump using SOTS observations; ACE CRC Annual Symposium Carbon Program, 19/08/2010 - 19/08/2010, Antarctic Climate and Ecosystems Cooperative Research Centre, Hobart, Presenter(s): Tom Trull

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Nodder, SM, Schulz, E, Trull, T; Deep-ocean observatories and biogeochemical and biophysical time-series data: New Zealand-Australia and international linkages; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Scott Nodder

Ridgway, K, Hill, K; The EAC system: mean flow and time-varying circulation; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ken Ridgway

Trull, T; Iron enrichment enhances phytoplankton biomass but not surface carbon export in the subantarctic Southern Ocean; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Tom Trull

Trull, T, Weeding, B; Estimating the seasonal cycle of net community production in the subantarctic Southern Ocean from moored gas sensors; 45th International Liege Colloquium on Ocean Dynamics, 13/05/2013 - 17/05/2013, Liege, Presenter(s): Tom Trull

Shadwick, E; Advances in the understanding of Southern Ocean CO<sub>2</sub> uptake; ACE-CRC Annual Symposium, 04/06/2014 - 04/06/2014, Hobart, Presenter(s): E Shadwick

### **Workshop Presentation**

Trull, T; Australian Southern Ocean carbon cycle research - developing opportunities for collaboration; Ocean Carbon and Biogeochemistry Workshop, 10/07/2006 - 13/07/2006, Woods Hole Oceanographic Institute, Woods Hole, Presenter(s): Tom Trull

Trull, T; SOTS science goals and design parameters; Changing Times: International Ocean Biogeochemical Time-series Workshop, 05/11/2008 - 07/11/2008, Scripps Institution of Oceanography, San Diego, Presenter(s): Tom Trull

Pender, L, Trull, T, McLaughlin, D, Griffiths, B; SOTS design goals ; Office of Naval Research/Marine Technology Society - Buoy Workshop, 04/03/2009 - 06/03/2009, St. Louis, Presenter(s): L Pender

Schulz, E; Air-Sea Flux verification over the ocean; ACCESS Model Evaluation Workshop, 29/04/2010 - 29/04/2010, Bureau of Meteorology, Melbourne, Presenter(s): Eric Schulz

Bowie, AR; The need for observing the ocean at high temporal frequency to determine ocean carbon uptake and resultant ocean acidification; ACE CRC Research Users Forum, 15/06/2010 - 17/06/2010, Canberra, Presenter(s): Tom Trull

Trull, T; Advantages of basing international process studies in the well monitored waters south of Australia; ISIS Consortium Workshop on Ocean Iron Fertilization Research, 12/07/2010 - 14/07/2010, Woods Hole Oceanographic Institute, Woods Hole, Presenter(s): Tom Trull

Trull, T; Australian SAZ Programs; Workshop on the Seasonal Cycle of the Carbon-Climate System in the Southern Ocean, 23/08/2010 - 25/08/2010, Cape Town, Presenter(s): Tom Trull

Proctor, R; Australia's Integrated Marine Observing System (IMOS) ABOS and OceanSITES; Australia-EU Research Infrastructure Workshop, 26/06/2012 - 27/06/2012, Brussels, Presenter(s): Roger Proctor

Cowley, R; QC procedures for RDI ADCPs; Australian National Mooring Network QC Summit Meeting, 11/12/2013 - 12/12/2013, Hobart, Presenter(s): Rebecca Cowley

Ghantous, M; Applications of the wave induced mixing, historical and current; COEST/CSIRO Workshop: Deep-water Oceanographic Buoys: Deployments, Measurements, Outcomes, 05/05/2014 - 06/05/2014, Commonwealth Scientific

Industrial Research Organisation, Hobart, Presenter(s): Malek Ghantous

Jansen, P; Mooring design of the Southern Ocean buoy; COEST/CSIRO Workshop: Deep-water Oceanographic Buoys: Deployments, Measurements, Outcomes, 05/05/2014 - 06/05/2014, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Peter Jansen

Jansen, P; Southern Ocean Time Series (SOTS); COEST/CSIRO Workshop: Deep-water Oceanographic Buoys: Deployments, Measurements, Outcomes, 05/05/2014 - 06/05/2014, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Peter Jansen

Rapizo, H; Wave and current measurements at SOFS; COEST/CSIRO Workshop: Deep-water Oceanographic Buoys: Deployments, Measurements, Outcomes, 05/05/2014 - 06/05/2014, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Henrique Rapizo

Schulz, E; Atmosphere, wave and ocean observations at the Southern Ocean Flux Station; COEST/CSIRO Workshop: Deep-water Oceanographic Buoys: Deployments, Measurements, Outcomes, 05/05/2014 - 06/05/2014, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Eric Schulz

Schulz, E, Weller, E, Trull, T; Sustained Southern Ocean air-sea flux mooring observations: past and future challenges; SOOS Air-Sea Flux Workshop, 21/09/2015 - 23/09/2015, Frascati, Presenter(s): Eric Schulz

Janekovic, I , Pattiaratchi, C, et, al.; Predicting the ocean and continental shelf dynamics off southeastern and central Western Australia using advanced ROMS capabilities; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Ivica Janekovic

Roughan, M, Kerry, C, Rao, S, et, al.; Modelling and observing the East Australian Current system and its impacts on shelf circulation, Lagrangian transport and biogeochemistry; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Moninya Roughan

**Type Count**

**74**

## Ocean gliders

### Conference Oral Presentation

Cetina-Heredia, P, van Sebille, E, Roughan, M; Nutrient input into Australian ocean basins by ocean boundary currents; International Union of Geophysics and Geology (IUGG) General Assembly, 02/07/2007 - 13/07/2007, Perugia, Presenter(s): Paulina Cetina-Heredia

Pattiaratchi, C; Interactions between currents and topography; Conference in Honour of Michael Collins, 13/07/2007 - 15/07/2007, Swansea, Presenter(s): Charitha Pattiaratchi

Woo, M, Pattiaratchi, C, Hollings, B; Ocean observations using autonomous ocean gliders; Western Pacific Geophysics Meeting, 29/07/2008 - 01/08/2008, Cairns

Baird, ME, Roughan, M, Morris, BD, Suthers, I; An Integrated Marine Observing System for southeastern Australia: the East Australian Current and its interaction with coastal environments; Ocean Sciences Meeting, 22/02/2010 - 26/02/2010, Portland

Hanson, CE, Pattiaratchi, C, Woo, M, Hollings, B, Stanley, D; Sustained bio-optical measurements across the Leeuwin Current system via ocean gliders: spatio-temporal patterns and links to physical forcing; Ocean Sciences Meeting, 22/02/2010 - 26/02/2010, Portland, Presenter(s): Christine Hanson

Pattiaratchi, C, Hollings, B, Woo, M, Hanson, CE, Welhena, T; Dense shelf water cascade along west Australian continental shelves; 15th Biennial International Physics of Estuaries and Coastal Seas (PECS) Conference, 14/09/2010 - 17/09/2010, Colombo, Presenter(s): Charitha Pattiaratchi

Welhena, T, Pattiaratchi, C, Feng, M; Cross-shore processes on the Rottneest continental shelf in Western Australia; 15th Biennial International Physics of Estuaries and Coastal Seas (PECS) Conference, 14/09/2010 - 17/09/2010, Colombo, Presenter(s): Thisara Welhena

Woo, M, Pattiaratchi, C; How the Capes current ends: an investigation of a west Australian coastal current using an autonomous ocean glider; 15th Biennial International Physics of Estuaries and Coastal Seas (PECS) Conference, 14/09/2010 - 17/09/2010, Colombo, Presenter(s): Mun Woo

Earp, A, Hanson, CE, Baird, ME, Brando, V, Allen, S, Clementson, L, Daniel, P, Humphries, J, Parslow, J, Ralph, P, Strutton, P, Suthers, I, Thompson, P, Underwood, M, Doblin, MA; Calibrating and validating bio-optical signals from ocean sensors; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Kuret, A, Pattiaratchi, C, Hanson, CE, Lourey, M; Seasonal variability in phytoplankton biomass off the south west of Western Australia: assessment by ocean gliders and in situ sampling; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Mihanovic, H, Pattiaratchi, C; Interaction between the Leeuwin Current and continental shelf along the Rottneest Shelf and Perth Canyon; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Rigby, P, Steinberg, C, McAllister, F, Bartlett, C, Tonin, H, Herzfeld, M; Observations of extreme marine conditions under Tropical Cyclone Yasi; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart

Pattiaratchi, C; Ocean gliders; 2nd Australia-European Union Research Infrastructure Workshop, 26/07/2012 - 27/07/2012, Brussels, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Dense shelf water cascades: a mechanism for offshore dispersal of sediment; 34th International Geoscience Congress, 05/08/2012 - 10/08/2012, Brisbane, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Interactions between dense shelf water cascades and wind-driven upwelling in south-west Australia; The Physics of Estuaries and Coastal Seas (PECS) Symposium, 12/08/2012 - 16/08/2012, New York, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Modern approaches to coastal observations: from waves to whales; 10th International Conference on Coasts, Ports and Marine Structures (ICOPMAS), 19/11/2012 - 21/11/2012, Tehran, Presenter(s): Charitha Pattiaratchi

Baird, ME; The southward transport of sub-mesoscale lenses of Bass Strait water in the centre of anti-cyclonic mesoscale eddies; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Mark Baird

Armbrecht, L, Roughan, M, Rossi, V, Schaeffer, A, Davies, P, Waite, A, Armand, L; Phytoplankton composition under contrasting oceanographic conditions in a biological hotspot; ASLO 2013 Aquatic Sciences Meeting, 17/02/2013 - 22/02/2013, New Orleans, Presenter(s): Linda Armbrecht

Griffin, DA, Cahill, M; IMOS Ocean Current: monitoring Australia's ocean currents on a daily basis, for all to see; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): David Griffin

Roughan, M, Schaeffer, A, Mantovanelli, A; Quantifying upwelling on the continental shelf of southeastern Australia; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Moninya Roughan

Feng, M; Ningaloo Nino - an unprecedented warming event off the Western Australia coast; WCRP/CLIVAR Second International Symposium on Boundary Current Dynamics, 08/07/2013 - 09/07/2013, Li Jang, Presenter(s): Ming Feng

Pattiaratchi, C; Sub-mesoscale eddies ('peddies') on the South-West Australian continental shelf; IAHS/IAPSO/IASPEI 'Knowledge for the Future' Assembly, 22/07/2013 - 26/07/2013, Gothenburg, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; The Leeuwin Current system: a boundary current system along Western Australia; IAHS/IAPSO/IASPEI 'Knowledge for the Future' Assembly, 22/07/2013 - 26/07/2013, Gothenburg, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Peddies (petite eddies): sub-mesoscale eddies along the continental shelf off South-West Australia; 6th Warnemunde Turbulence Days Conference, 11/08/2013 - 15/08/2013, Vilm, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Tropical cyclone stirring on the inner continental shelf off North-West Australia observed through ocean gliders; 22nd Biennial Coastal and Estuarine Research Federation (CERF) Conference, 03/11/2013 - 07/11/2013, San Diego, Presenter(s): Charitha Pattiaratchi

Griffin, DA; Highlights of the IMOS observations of ocean currents; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): David Griffin

Robertson, R; The effects of latitude on internal tides and tidal mixing; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Robin Robertson

Robertson, R, Kobashi, D; The effects of latitude on internal tides and mixing; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu

Robertson, R, Hartlipp, P, Boettger, D, Bell, M; The role of tides and tidal mixing in temperature and nitrate distributions off New South Wales; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Robin Robertson

Pattiaratchi, C; Coastal ocean observations in Western Australia: from waves to whales; Seventh world congress of scientific youth, Federation Internationale des Societes scientifiques, 06/11/2014 - 06/11/2014, Mendoza, Presenter(s): Charitha Pattiaratchi

Robertson, R, Clements, J; Acoustic ray propagation in the waters off eastern Australia using ocean glider data; 43rd International Congress on Noise Control Engineering, 16/11/2014 - 19/11/2014, Melbourne, Presenter(s): J Clements

Robertson, R, Clements, J; Tidal effects on acoustic propagation off eastern Australia; 43rd International Congress on Noise Control Engineering, 16/11/2014 - 19/11/2014, Melbourne, Presenter(s): Robin Robertson

Book, JW, Pequignet, C, MacDonald, HS, Jones, N, Lowe, R, Ivey, GN, Rice, AE, Rowley, C, Brinkman, R, Steinberg, C, Strutton, P, Smith, S; Observations and modelling of the North West shelf of Australia during Austral Summer 2011/2012; European Geosciences Union (EGU) General Assembly, 12/04/2015 - 17/04/2015, Vienna, Presenter(s): Jeff Book

Pattiaratchi, C; Sustained ocean observations around Australia using ocean gliders; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Dense shelf water cascades around Australia: dynamics and water column processes; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Charitha Pattiaratchi

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Schaeffer, A, Roughan, M; Influence of a western boundary current on shelf dynamics, upwelling and bio-physical variability from repeat glider deployments; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Amandine Schaeffer

Schaeffer, A, Roughan, M, Wood, JE; Cross-shelf dynamics, bottom boundary layer transport and upwelling on the continental shelf adjacent to the East Australian Current; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Amandine Schaeffer

Wijeratne, S, Pattiaratchi, C, Proctor, R; Simulation of boundary currents around Australia; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Charitha Pattiaratchi

Baird, ME, Mongin, M, Jones, EM; An integrating observational and modelling systems for the management of the Great Barrier Reef; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Mark Baird

Davies, P, Potts, J, Sutherland, M, et, al.; Where does all the mud go?; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Peter Davies

Feng, M, Benthuisen, J, Slawinski, D; Freshening of the Indonesian throughflow and the Leeuwin Current during the 2010-11 La Nina/Ningaloo Nino; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Ming Feng

Thomson, P, Mantovanelli, A, Wright, SW, Pattiaratchi, C; In situ comparisons of glider bio-optical measurements to CTD water properties; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Paul Thomson

Wild-Allen, K, Rayner, M, Baird, ME; Fine-scale nutrient observations confirm simulated biogeochemical variability in estuarine, coastal and shelf systems; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Karen Wild-Allen

Hartlipp, P, Robertson, R, Bell, M; Observed internal tides on the continental shelf off eastern Australia; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): P Hartlipp

Hartlipp, P, Robertson, R; Internal tides off eastern Australia; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): P Hartlipp

Roughan, M, Kerry, C, Powell, B, Oke, PR; Observation Impact in Australia's Western Boundary Current; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Moninya Roughan

Roughan, M; Upwelling along southeastern Australia; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Moninya Roughan

Schaeffer, A, Roughan, M; Influence of the East Australian Current on shelf dynamics, upwelling and bio-physical variability from repeat glider deployments; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Amandine Schaeffer

Steinberg, C, Williams, DK, McAllister, F, Rigby, P, Spagnol, S, Brinkman, R, Benthuisen, J, Pattiaratchi, C, Wijffels, S, Sloyan, B, Feng, M, Book, JW; Toward Sustained Ocean Observing across Tropical Northern Australian Shelf Seas; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Craig Steinberg

Wood, JE, Schaeffer, A, Roughan, M; Investigations into seasonal variability on the continental shelf adjacent to the East Australian Current; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Julie Wood

Roughan, M, Jones, EM, Oke, PR, Moltmann, T, May, P, Schiller, A; A National Shelf Re-analysis (ANSR) project for Australia; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Moninya Roughan

Robertson, R, Hartlipp, P; Acoustic Propagation off Eastern Australia; Australian Acoustical Society Conference, 15/11/2015 - 18/11/2015, Hunter Valley, Presenter(s): Robin Robertson

Book, JW, Steinberg, C, Jones, N, Lowe, R, Ivey, GN, Pattiaratchi, C, Rice, AE; Glider observations of internal tide packets on the Australian Northwest Shelf; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Jeff Book

Mahjabin, T, Pattiaratchi, C, Hetzel, Y; Factors influencing the occurrence of Dense Water Cascades in Australia; International Coastal Symposium, 06/03/2016 - 11/03/2016, Sydney, Presenter(s): Tazhiha Mahjabin

Steinberg, C, Benthuisen, J, Herzfeld, M, Tonin, H, et, al.; Responding to the 2016 mass coral bleaching event on the Great Barrier Reef: from observations to modelling; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Craig Steinberg

Pattiaratchi, C; Coastal ocean observations for fisheries; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Charitha Pattiaratchi

Steinberg, C; Physical oceanographic influences on tropical reef and continental shelf fish from IMOS observations; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Craig Steinberg

Chen, M; The variability of summer upwelling and its influence on chlorophyll a distribution along the Rottneest continental shelf; 18th Biennial International Physics of Estuaries and Coastal Seas (PECS) Conference, 09/10/2016 - 14/10/2016, Scheveningen, Presenter(s): Miaoju Chen

Mahjabin, T; Australian continental shelves as an inverse estuary; 18th Biennial International Physics of Estuaries and Coastal Seas (PECS) Conference, 09/10/2016 - 14/10/2016, Scheveningen, Presenter(s): Tazhiha Mahjabin

Brinkman, R; Sustainable Development of the North's Blue Economy – the role of IMOS to date, and into the future; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Richard Brinkman

Jones, N; Vertical mixing on the Australian Northwest Shelf; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Nicole Jones

Roughan, M; Insight into Continental Shelf Processes Along SE Australia from 10 years of IMOS observations; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Moninya Roughan

Thomson, P; Measuring the underwater light climate on the North West Shelf of Australia using IMOS Slocum gliders; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Paul Thomson

### **Conference Poster**

Suthers, I, Everett, JD, Baird, ME, Oke, PR; Entrain, retain and nurture: The fisheries oceanography potential of submesoscale eddies of western boundary currents; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

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Welhena, T, Pattiaratchi, C, Feng, M; Dense shelf water cascade (DSWC) on the Rottneest continental shelf in South-western Australia; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Thisara Welhena

Wood, JE; Explaining variability on the continental shelf upstream and downstream of a western boundary current's separation zone; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Julie Wood

Wild-Allen, K, MacDonald, L, Allen, S; High resolution nutrient observations off Heron Island ; Collaborative on Oceanographic Chemical Analysis (COCA) Workshop, 26/03/2013 - 29/03/2013, University of Hawaii, Honolulu, Presenter(s): Karen Wild-Allen

Bell, M, Robertson, R; Internal tides off the Eastern Australian coast and their seasonal variability as observed by moorings; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Robin Robertson

Boettger, D, Robertson, R; Internal waves in the waters off East Australia; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Robin Robertson

Grosjean, L, Robertson, R; Internal tides and waves off East Australia as observed in seaglider data; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): L Grosjean

Moltmann, T, Proctor, R, Donoghue, S; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

Chen, M, Pattiaratchi, C, Ghadouani, A; The seasonal cycle of Chlorophyll along the Two Rocks Transect; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Feng, M, Benthuisen, J, Slawinski, D; La Nina causes extreme freshening of the Leeuwin Current; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Kerry, C, Roughan, M, Powell, B; A high resolution re-analysis for the East Australian Current; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Pattiaratchi, C, Mihanovic, H; Peddies: what, where, why?; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Schaeffer, A, Roughan, M; Marine Virtual Laboratory (MARVL) high-resolution ROMS test: the East Australian Current at 30 degrees South in Solitary Island Marine Park (SIMP) ; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Wijeratne, S, Pattiaratchi, C, Proctor, R; Estimates of alongshore and cross-shelf transports around Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Sarath Wijeratne

Mahjabin, T, Pattiaratchi, C, Hetzel, Y; Occurrence of dense shelf water cascades around Australia using ocean gliders; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Tazhiha Mahjabin

Cahill, M, Griffin, DA; IMOS OceanCurrent gridded sea level and ocean surface velocity; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Madeleine Cahill

Roughan, M, Kerry, C, Powell, B, Oke, PR; Using multiple ocean observations to constrain a high-resolution model of the East Australian Current; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Moninya Roughan

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Oke, PR, Rykova, T, Sloyan, B, Wijffels, S; Guidance for glider deployments in an energetic western boundary current: East Australian Current example; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Ribbat, N, Roughan, M, Powell, B; Mean circulation on the continental shelf off South-East Australia 31.5-34.5: the Hawkesbury Bioregion 2012-2013; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Schaeffer, A, Roughan, M, Austin, T, Hollings, B, et. al.; Mean hydrography on the continental shelf from 26 repeat glider deployments along southeastern Australia; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

### **Course Presentation**

Suthers, I; Observations and implications at the two separation zones of the East Australian Current (EAC); Topics in Australian Marine Science (TAMS) Workshop, 06/03/2014 - 30/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Iain Suthers

### **Key Note Speaker**

Pattiaratchi, C; Climate change effects on coastal processes; 9th International Conference on Coasts, Ports and Marine Structures (ICOPMAS), 29/11/2010 - 01/12/2010, Tehran, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Temporal and spatial scales in coastal processes; 10th International Conference on Coasts, Ports and Marine Structures (ICOPMAS), 19/11/2012 - 21/11/2012, Tehran, Presenter(s): Charitha Pattiaratchi

### **Meeting Presentation**

Pattiaratchi, C; Physical oceanography in South-Western Australia; Australasian Abalone Association Meeting, 10/05/2007 - 10/05/2007, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Integrated Marine Observing System and climate change; Shark Bay World Heritage Meeting, 18/08/2009 - 18/08/2009, Shark Bay, Presenter(s): Charitha Pattiaratchi

Hollings, B; Australian National Facility for Ocean Gliders (ANFOG) – The First 12 Months ; European Glider Observatories Congress, 16/11/2009 - 19/11/2009, Larnaca, Presenter(s): Ben Hollings

Pattiaratchi, C; The UWA Oceans Institute and IMOS (Integrated Marine Observing System); IMarEST WA Branch Meeting, 20/04/2011 - 20/04/2011, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Feng, M; Indian Ocean Observing System; IOGOOS Marine Observation and Forecast Meeting, 30/03/2012 - 30/03/2012, Perth, Presenter(s): Ming Feng

Hanson, CE, Gourcuff, C, Hollings, B, Stanley, D, Woo, M, Pattiaratchi, C; Bio-optical insights from ocean gliders: particulate dynamics off southwest and northwest WA; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Christine Hanson

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Welhena, T, Pattiaratchi, C, Feng, M; Dense Shelf Water Cascade (DSWC) on the Rottneest Continental Shelf in south-western Australia; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Thisara Welhena

Pattiaratchi, C; Ocean observations: new ideas; Oceans Institute Retreat, 08/02/2013 - 08/02/2013, Perth, Presenter(s): Charitha Pattiaratchi

Proctor, R, Pattiaratchi, C; Diving in the Southern Seas: the Australian National Facility for Ocean Gliders; GROOM - Gliders for Research, Ocean Observations and Management, 04/06/2013 - 05/06/2013, Trieste, Presenter(s): Roger Proctor

Pattiaratchi, C; Peddies (petite eddies): sub-mesoscale eddies along the continental shelf off South-West Australia; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Charitha Pattiaratchi

Wild-Allen, K, MacDonald, L, Allen, S; High resolution nutrient observations off Heron Island; 6th EGO Meeting, 16/06/2014 - 17/06/2014, Kiel, Presenter(s): Karen Wild-Allen

Steinberg, C, Moltmann, T; Australia's Integrated Marine Observing System; Joint WMO-IOC Commission for Oceanography and Marine Meteorology DBCP PI-1, 04/05/2015 - 07/05/2015, Koror, Presenter(s): Craig Steinberg

Steinberg, C; Australia's Integrated Marine Observing System; GOOS Steering Committee 4, 24/05/2015 - 26/05/2015, Australian Institute of Marine Science, Townsville, Presenter(s): Craig Steinberg

Hartlipp, P, Robertson, R, Bell, M; Observed internal tides on the continental shelf off eastern Australia; AOGS - Asia Oceania Geosciences Annual Meeting, 31/07/2015 - 05/08/2015, Singapore, Presenter(s): P Hartlipp

Hartlipp, P, Robertson, R; Tidal impacts off eastern Australia; AOGS - Asia Oceania Geosciences Annual Meeting, 31/07/2015 - 05/08/2015, Singapore, Presenter(s): P Hartlipp

Steinberg, C, Williams, DK, McAllister, F, Rigby, P, Spagnol, S, Skirving, WJ, Bird, J, Brinkman, R; Queensland and Northern Australia's Integrated Marine Observing System and the tidal hydrodynamics of a coral bleaching event; Don Wallace Memorial Lecture Permanent Committee on Tides and Mean Sea Level, 02/11/2015 - 02/11/2015, Cairns, Presenter(s): Craig Steinberg

Roughan, M, Austin, T, Milburn, S, Archer, M; Gliders, moorings and Port Hacking heatwaves ; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Moninya Roughan

Benthuisen, J; Oceanography of Northern Australia; temperature loggers, moorings, gliders, and thermosalinograph results highlighted; Dhimurru Aboriginal Corporation, 20/06/2017 - 20/06/2017, Nhulunbuy, Presenter(s): Jessica Benthuisen

Benthuisen, J; Oceanography of Northern Australia; temperature loggers, moorings, gliders, and thermosalinograph results highlighted; Anindilyakwa Land and Sea Rangers, 21/06/2017 - 21/06/2017, Alyangula, Presenter(s): Jessica Benthuisen

Moltmann, T; IMOS observations for coasts and extremes (Meeting Nov 2014); CAWCR, Melbourne, Presenter(s): Tim Moltmann

### **Symposium Presentation**

Pattiaratchi, C; Impacts of climate change on Fremantle; Adapting to Climate Change in Coastal Fremantle a Deliberative Symposium, 24/07/2009 - 24/07/2009, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Slocum ocean glider deployments along the Two Rocks transect; WAMSI Node 6 Symposium, 25/08/2009 - 25/08/2009, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Ocean glider deployments in WA: Overview; WAMSI Node 6 symposium: Ocean science for offshore and coastal engineering, 26/11/2010 - 26/11/2010, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Node 3: oceanographic processes and water circulation; WAMSI 1 Symposium, 19/09/2011 - 19/09/2011, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Node 6: ocean glider deployments in WA - an overview; WAMSI 1 Symposium, 19/09/2011 - 19/09/2011, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C, Zeldis, J, O'Callaghan, J; Comparative approaches to integrated coastal observations including applications of gliders; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Charitha Pattiaratchi

Sutton, P, Ridgway, K, Pattiaratchi, C; Trans Tasman glider deployments; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Philip Sutton

Pattiaratchi, C; The influence of the Leeuwin current on wave propagation onto the continental shelf off south-west Australia; 2nd Australian Wind-Wave Symposium, 04/06/2013 - 05/06/2013, Melbourne, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Integrated Marine Observing System infrastructure in north-west Australia; WAMSI North-West Marine Science Symposium, 21/02/2014 - 21/02/2014, Perth, Presenter(s): Charitha Pattiaratchi

### **Workshop Presentation**

Pattiaratchi, C; Ocean observations off Western Australia ; Global Ocean Observing System Scientific Steering Committee Workshop, 23/02/2009 - 24/02/2009, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Interactions between the Leeuwin Current and the continental shelf; Institute of Marine Engineering, Science and Technology Seminar, 20/05/2009 - 20/05/2009, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; The West Australian Integrated Marine Observation System (WAIMOS); Institute of Marine Engineering, Science and Technology Seminar, 20/05/2009 - 20/05/2009, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Physical oceanography; WAMSI Node 3 Synthesis Workshop, 23/03/2010 - 23/03/2010, Commonwealth Scientific Industrial Research Organisation, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; An introduction to the Australian glider programme; Ocean University of China Seminar, 30/08/2011 - 30/08/2011, Qingdao, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; The role of coastal engineering and oceanography on the environment and infrastructure; Environment and Infrastructure Workshop, 12/06/2012 - 12/06/2012, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Jones, EM, Brinkman, R, Gillibrand, P, Herzfeld, M, Margvelashvili, N, Mongin, M, Rigby, P, Sharman, C, Timms, GP, Tonin, H, Wild-Allen, K; Australian coastal modelling and information systems: assisting management decision making; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Emlyn Jones

Steinberg, C, Baird, ME, Middleton, J, Pattiaratchi, C, Roughan, M, Stevens, C, Wyatt, LR; Ocean observation uptake: Present status and the way forward; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012,

Canberra, Presenter(s): Craig Steinberg

Pattiaratchi, C; Ocean observations in Western Australia; ROMS/TOMS Workshop, 24/10/2012 - 24/10/2012, Rio de Janeiro, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Peddies: what, where, why?; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Welcome, introduction and overview of IMOS and WAIMOS; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Physical oceanography; Bluewater & Climate Node Science Meeting, 28/11/2012 - 29/11/2012, Hobart, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Modern ocean observations and prediction: from waves to whales; Zhejiang University Seminar, 04/12/2012 - 04/12/2012, Hangzhou, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Modern ocean observations and prediction: from waves to whales; Hohai University Seminar, 06/12/2012 - 06/12/2012, Nanjing, Presenter(s): Charitha Pattiaratchi

Wild-Allen, K, MacDonald, L, Allen, S; High resolution nutrient observations off Heron Island; Collaborative on Oceanographic Chemical Analysis (COCA) Workshop, 26/03/2013 - 29/03/2013, University of Hawaii, Honolulu, Presenter(s): Karen Wild-Allen

Gedeon, A; Introducing IMOS and the Australian national facility for Ocean Gliders; Exploring Glider Data and Gliderscope Workshop, 03/10/2013 - 03/10/2013, University of Western Australia, Perth, Presenter(s): Agi Gedeon

Gourcuff, C, Kaempf, F; Glider instrumentation, sensors, data parameters, IMOS portal and WA deployments; Exploring Glider Data and Gliderscope Workshop, 03/10/2013 - 03/10/2013, University of Western Australia, Perth, Presenter(s): Claire Gourcuff

Hanson, CE; Working with and visualising glider data using Gliderscope v4.0; Exploring Glider Data and Gliderscope Workshop, 03/10/2013 - 03/10/2013, University of Western Australia, Perth, Presenter(s): Christine Hanson

Gedeon, A; Introducing IMOS and the Australian national facility for Ocean Gliders; Exploring Glider Data and Gliderscope Workshop (15/10/13), 15/10/2013 - 15/10/2013, University of Western Australia, Perth, Presenter(s): Agi Gedeon

Gourcuff, C, Kaempf, F; Glider instrumentation, sensors, data parameters, IMOS portal and WA deployments; Exploring Glider Data and Gliderscope Workshop (15/10/13), 15/10/2013 - 15/10/2013, University of Western Australia, Perth, Presenter(s): Claire Gourcuff

Hanson, CE; Working with and visualising glider data using Gliderscope v4.0; Exploring Glider Data and Gliderscope Workshop (15/10/13), 15/10/2013 - 15/10/2013, University of Western Australia, Perth, Presenter(s): Christine Hanson

Pattiaratchi, C; Opportunities for cooperation in IORA with special reference to ocean sciences and environment; Workshop on Establishing a Centre of Excellence on Ocean Sciences and Environment for the Indian Ocean Rim Countries, 30/06/2014 - 01/07/2014, Colombo, Presenter(s): Charitha Pattiaratchi

Ivey, GN, Book, JW, Brinkman, R, Bluteau, C, et, al.; Sub-mesoscale dynamics on the Australian North West Shelf (NWS) from Ningaloo to the Kimberley; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Gregory Ivey

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Janekovic, I , Pattiaratchi, C, et, al.; Predicting the ocean and continental shelf dynamics off southeastern and central Western Australia using advanced ROMS capabilities; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Ivica Janekovic

Oliveira, H, Middleton, J, Oke, PR, Coleman, R; The upwelling circulation along the shelves of the Great Australian Bight: idealized simulations and the role of banks and valleys; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Hugo Oliveira

Roughan, M, Kerry, C, Rao, S, et, al.; Modelling and observing the East Australian Current system and its impacts on shelf circulation, Lagrangian transport and biogeochemistry; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Moninya Roughan

Rykova, T, Oke, PR; Merging of East Australian Current eddies observed by Argo float; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Tatiana Rykova

Spillman, CM, Steinberg, C, Benthuyesen, J, et, al.; Monitoring and modelling this summer's extreme temperatures on the GBR leading to a mass coral bleaching event on the Great Barrier Reef; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Claire Spillman

**Type Count**

**143**

## Autonomous underwater vehicle

### Conference Oral Presentation

Johnson-Robertson, M, Pizarro, O, Williams, S, Rees, M; Identifying novel benthic habitats in high resolution AUV imagery; Australian Marine Science Association Conference, 09/07/2007 - 13/07/2007, University of Melbourne, Melbourne

Williams, S, Pizarro, O, Johnson-Robertson, M, Mahon, I, Rigby, P, Barkby, S; IMOS—Integrated Marine Observing System: Integrating IMOS with underwater cultural heritage research; New Ground: Australian Archaeological Conference, 21/09/2007 - 26/09/2007, Sydney

Johnson-Robertson, M, Mahon, I, Pizarro, O, Williams, S; Generating visually consistent benthic surface meshes using visual features ; OCEANS 2007 MTS/IEEE, 29/09/2007 - 04/10/2007, Vancouver

Rigby, P, Pizarro, O, Williams, S, Colquhoun, J; Effective benthic surveying with Autonomous Underwater Vehicles; OCEANS 2007 MTS/IEEE, 29/09/2007 - 04/10/2007, Vancouver

Pizarro, O, Seiler, J, Bridge, T, Colquhoun, J, Barrett, N, Williams, S; Towards image-based habitat classification; GeoHab 2009, 05/05/2008 - 08/05/2009, Trondheim

Williams, S, Pizarro, O, Mahon, I, Johnson-Robertson, M; Habitat mapping using AUVs; Australia-Japan Marine Science Forum, 27/10/2008 - 30/10/2008, Australian Institute of Marine Science, Townsville

Johnson-Robertson, M, Pizarro, O, Williams, S; Towards large scale, integrated optical and acoustic AUV survey; Underwater Acoustic Measurements (UAM): Technologies and Results, 3rd International Conference, 21/06/2009 - 26/06/2009, Nafpilon, Presenter(s): Stefan Williams

Jakuba, M, Johnson-Robertson, M, Pizarro, O, Williams, S; Co-registered multibeam acoustic and photographic mapping of benthic environments with an AUV; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide



Barkby, S, Williams, S, Pizarro, O, Jakuba, M; Incorporating prior bathymetric maps with distributed particle bathymetric SLAM for improved AUV navigation and mapping; OCEANS 2009 MTS/IEEE Biloxi Conference and Exhibition, 26/10/2009 - 29/10/2009, Biloxi

Baird, ME, Roughan, M, Morris, BD, Suthers, I; An Integrated Marine Observing System for southeastern Australia: the East Australian Current and its interaction with coastal environments; Ocean Sciences Meeting, 22/02/2010 - 26/02/2010, Portland

Pizarro, O, Colquhoun, J, Moore, C, Radford, B, Williams, S, Jakuba, M, Heyward, A; Automated benthic habitat classification from optical imagery; Ocean Sciences Meeting, 22/02/2010 - 26/02/2010, Portland

Ahsan, N, Williams, S, Jakuba, M, Pizarro, O, Radford, B; Predictive habitat models from AUV-based multibeam and optical imagery; OCEANS 2010 MTS/IEEE , 20/09/2010 - 23/09/2010, Seattle

Bender, A, Williams, S, Pizarro, O, Radford, B; Adaptive exploration of benthic habitats using Gaussian processes; OCEANS 2010 MTS/IEEE , 20/09/2010 - 23/09/2010, Seattle

Hill, N, Lucieer, V, Barrett, N, Anderson, T; Predicting temperate deep-reef benthos with high-resolution multibeam data; World Conference on Marine Biodiversity , 26/09/2011 - 30/09/2011, Aberdeen

Bewley, M, Pizarro, O, Williams, S; Automated classification of benthic imagery content using a hierarchical classification scheme; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Michael Bewley

Edwards, L, Williams, S, Wyatt, M, Harrison, J, Toohey, L, Gray, M, Marrable, D, Friedman, A, Steinberg, D; CATAMI (Collaborative and Annotation Tools for the Analysis of Marine Imagery and video) - Unlocking the potential of marine imagery; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Luke Edwards

Ferrari, R, Malcolm, HA, Byrne, M, Williams, S, Jordan, A, Friedman, A, Figueria, W; Habitat structural complexity drives fish spatial distribution at multiple scales; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Renata Ferrari

Ingleton, T, Davies, P, Jordan, A, Williams, S; Hydrographic observations, towed video and relationships to benthic habitat: recent surveys in NSW's marine protected areas; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Tim Ingleton

Marzinelli, EM, Campbell, AH, Verges, A, Wernberg, T, Thomas, T, Steinberg, P; Continental patterns of kelp condition and associated bacterial communities; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Ezequiel Marzinelli

Verges, A, Campbell, AH, Marzinelli, EM, Ballesteros, E, Steinberg, P; A novel herbivore-mediated community phase shift and the tropicalisation of temperate marine ecosystems; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Adriana Verges

Pizarro, O, Williams, S, Johnson-Robertson, M, Steinberg, C, Bryson, M; Reef mapping and monitoring assisted by machines; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Oscar Pizarro

Friedman, A, Williams, S, Pizarro, O; Automated estimation of benthic coverage - a superpixel based approach; GeoHab 2014, 05/05/2014 - 09/05/2014, Melbourne, Presenter(s): Ariell Friedman

Hovey, RK, Pember, MB, Bellchambers, LM, Williams, S, Kendrick, G; Investigating lobsters and their habitats through the eyes of robots; 10th International Conference and Workshop on Lobster Biology and Management, 18/05/2014 - 23/05/2014, Cancun, Presenter(s): Renae Hovey

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Ferrari, R, Malcolm, HA, Verges, A, Figueria, W, Byrne, M, Williams, S, Jordan, A; Importance of 3D structural complexity as a driver of fish abundance across depth and spatial scales; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Renata Ferrari

Friedman, A; Multi-scale measures of rugosity, slope and aspect from benthic stereo image reconstructions; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Ariell Friedman

Ferrari, R, Bryson, M, Bridge, T, Williams, S, Byrne, M, Harborne, AR, Figueria, W; Coral reef structural complexity increases after bleaching event; 88th Australian Coral Reef Society Conference, 27/08/2014 - 29/08/2014, Brisbane, Presenter(s): Renata Ferrari

Jordan, A; Recent advances in the mapping and monitoring of marine habitats that aim to improve management effectiveness; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Alan Jordan

Potter, A, Lewis, A; Geoscience Australia's support in the search for Malaysia airlines flight MH370; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Adam Lewis

Ferrari, R, Byrne, M, Williams, S, Figueria, W; Disentangling the relationship between community composition and habitat structural complexity: what is the best metric?; 89th Australian Coral Reef Society Conference, 28/07/2015 - 31/07/2015, Day Dream Island, Presenter(s): Renata Ferrari

Ferrari, R, Figueria, W, Williams, S, Byrne, M; Bridging the gap between small-scale high-resolution and large-scale low-resolution marine studies; 27th International Congress for Conservation Biology, 02/08/2015 - 07/08/2015, Montpellier, Presenter(s): Renata Ferrari

Ferrari, R, Malcolm, HA, Hill, N, Lucieer, V, Figueria, W; Predicting fish distributions for marine spatial planning in Marxan; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Renata Ferrari

Williams, S; High-resolution marine survey: applications in engineering science, ecology, archaeology and geology; IEEE International Conference on Robotics and Automation, 16/05/2016 - 21/05/2016, Stockholm, Presenter(s): Stefan Williams

Friedman, A, Pizarro, O, Williams, S; Online framework for collaborative annotation of underwater imagery and video; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Ariell Friedman

Williams, S, Pizarro, O, Bryson, M; Multi-year surveying of coral reefs using Autonomous Underwater Vehicles; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Stefan Williams

Perkins, N; Detecting change in benthic ecosystems with digital imagery: monitoring design in a challenging environment; International Statistical Ecological Conference, 28/06/2016 - 01/07/2016, Seattle

Barrett, N; Baited underwater video for an integrated monitoring network: developing indicators and an appropriate national framework; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Neville Barrett

Williams, S, Ferrari, R; AUV developments, data analysis; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Stefan Williams

Przeslawski, R; Development of field manuals for marine benthic monitoring in CMRs; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Rachel Przeslawski

Lara-Lopez, A, Moltmann, T, Proctor, R; Measuring and understanding change: IMOS initiatives and tools relevant to fish and fisheries; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Tim Moltmann

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## Conference Poster

Bridge, T, Bongaerts, P, Englebert, N, Sampayo, E, Ridgway, K, Rodriguez-Lanetty, M, Williams, S, Pizarro, O, Webster, J, Hoegh-Guldberg, O; Scleractinian corals and their associated symbiodinium on mesophotic coral ecosystems of the Great Barrier Reef; 11th International Coral Reef Symposium, 07/07/2008 - 11/07/2008, Fort Lauderdale

Bridge, T, Webster, J, Beaman, R, Abbey, E, Williams, S, Pizarro, O, Woolsey, E, Thornborough, K, Done, T; Hexacoral and Octocoral Communities on the Unexplored Great Barrier Reef Shelf-Edge; Deepsea Coral Symposium 2008, 01/12/2008 - 05/12/2008, Wellington

Johnson-Robertson, M, Pizarro, O, Williams, S; Large scale optical and acoustic sensor integration for visualization; IEEE Oceans 2009, 11/05/2009 - 14/05/2009, Bremen

Williams, S, Pizarro, O, Jakuba, M, Mahon, I, Johnson-Robertson, M; Australia's Integrated Marine Observing System Autonomous Underwater Vehicle Facility; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

Friedman, A, Pizarro, O, Williams, S; Rugosity, slope and aspect from bathymetric stereo image reconstructions; IEEE Oceans 2010, 24/05/2010 - 27/05/2010, Sydney

Medagoda, L, Jakuba, M, Pizarro, O, Williams, S; Water column current profile aided localisation for autonomous underwater vehicles; IEEE Oceans 2010, 24/05/2010 - 27/05/2010, Sydney

Ahsan, N, Jakuba, M, Pizarro, O, Williams, S, Radford, B; Learning predictive habitat models using bathymetry, seabed terrain features and optical imagery; OCEANS 2010 MTS/IEEE , 20/09/2010 - 23/09/2010, Seattle

Bender, A, Williams, S, Pizarro, O, Jakuba, M; Adaptive exploration of benthic habitats using Gaussian processes; OCEANS 2010 MTS/IEEE , 20/09/2010 - 23/09/2010, Seattle

Bongiorno, D, Bryson, M, Williams, S; Dynamic spectral-based underwater colour correction; OCEANS 2013 MTS/IEEE, 10/06/2013 - 13/06/2013, Bergen, Presenter(s): Daniel Bongiorno

Moltmann, T, Proctor, R, Donoghue, S; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

## Course Presentation

Marzinelli, EM; Seaweed declines: causes, consequences and solutions; Topics in Australian Marine Science (TAMS) Workshop, 06/03/2014 - 30/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Ezequiel Marzinelli

Williams, S; Robotic vision for marine survey: applications in engineering science, ecology, archaeology and geology; Robot Vision Summer School (RVSS), 18/04/2016 - 22/04/2016, Kioloa, Presenter(s): Stefan Williams

Ferrari, R; Marine spatial ecology: incorporating 3D models into marine research; 3rd Year Undergraduate Seminar, University of Sydney, Sydney, Presenter(s): Renata Ferrari

## Key Note Speaker

Williams, S; High-resolution benthic survey using Autonomous Underwater Vehicle; Breaking the Surface, 30/09/2012 - 08/10/2012, Murter, Presenter(s): Stefan Williams

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Williams, S; Autonomous Underwater Vehicles for environmental monitoring; Tenth Conference on Computer and Robot Vision, 28/05/2013 - 31/05/2013, Regina, Presenter(s): Stefan Williams

Williams, S; Autonomous Underwater Vehicles for environmental survey; Japan-Australia Marine Science Workshop, 11/07/2013 - 12/07/2013, Tokyo, Presenter(s): Stefan Williams

Williams, S; Applications in marine imaging: engineering science, ecology, archaeology and geology; IEEE Underwater Technology Conference, 23/02/2017 - 23/02/2017, Busan, Presenter(s): Stefan Williams

### **Meeting Presentation**

Williams, S, Pizarro, O; High Resolution Optical Surveying using an AUV; Australasian Hydrographic Society and The Society for Underwater Technology Technical Seminar - AUVs: Future Technologies & Emerging Markets, 30/10/2008 - 30/10/2008, Perth

Pattiaratchi, C; Integrated Marine Observing System and climate change; Shark Bay World Heritage Meeting, 18/08/2009 - 18/08/2009, Shark Bay, Presenter(s): Charitha Pattiaratchi

Steinberg, P; IMOS AUV Facility Update; NSW-IMOS Node Meeting, 21/05/2010 - 21/05/2010, Sydney Institute for Marine Science, Sydney, Presenter(s): Peter Steinberg

Williams, S; High-resolution benthic survey using Autonomous Underwater Vehicles; Presentation at University of Rhode Island Graduate School of Engineering, 10/04/2012 - 10/04/2012, Kingston, Presenter(s): Stefan Williams

Kendrick, G, Hovey, RK, Van Niel, KP, Smale, DA, Bellchambers, LM, Pember, MB, Babcock, R, Thomson, D, Jakuba, M, Pizarro, O, Williams, S; Utility of the IMOS AUV facility for regional-scale monitoring of change in benthos; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Gary Kendrick

Radford, B, Steinberg, D, Pizarro, O, Williams, S, Colquhoun, J, Heyward, A, Moore, C, Jakuba, M, Sexton, M, Cooper, T; Quantifying spatial and temporal dynamics of mesophotic coral ecosystems using AUV technology; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Ben Radford

Williams, S; The Australian Centre for Field Robotics Marine Robotics Program; Presentation at Woods Hole Oceanographic Institution Marine Robotics Centre, 12/06/2013 - 12/06/2013, Woods Hole Oceanographic Institute, Massachusetts, Presenter(s): Stefan Williams

Thornton, B; Habitat mapping using multi-resolution 3D visual seafloor reconstructions; Scientific Use of 3D Visual Seafloor Reconstructions (JAMSTEC), 12/03/2015 - 12/03/2015, James Cook University, Tokyo, Presenter(s): B Thornton

Williams, S; Monitoring changes in benthic ecosystems off the Australian coast using robotic platforms; Scientific Use of 3D Visual Seafloor Reconstructions (JAMSTEC), 12/03/2015 - 12/03/2015, James Cook University, Tokyo, Presenter(s): Stefan Williams

### **Symposium Presentation**

Steinberg, D, Bender, A, Friedman, A; Analysis of propulsion methods for long range AUVs; International Symposium on Unmanned Untethered Submersible Technology (UUST), 23/08/2009 - 26/08/2009, Durham

Williams, S; Autonomous Underwater Vehicle Support for Marine Science Projects around Australia; Society for Underwater Technology and Australian Hydrographic Office Autonomous Underwater Vehicle Symposium, 28/10/2010 - 28/10/2010, Perth, Presenter(s): Stefan Williams

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Radford, B, Pizarro, O, Colquhoun, J, Moore, C, Williams, S, Jakuba, M, Cooper, T, Heyward, A, Sexton, M, Burq, S; Predictive habitat mapping of deep water coral reefs using data from multibeam and AUV machine auto-classified data and an Ecological Modelling approach; Euro ISRS Symposium, 13/12/2010 - 17/12/2010, Wageningen

Radford, B; Predictive habitat mapping of deep lagoonal reefs using data collected by multibeam sonar and autonomous underwater vehicle; Euro ISRS Symposium, 13/12/2010 - 17/12/2010, Wageningen, Presenter(s): Ben Radford

Babcock, R, Shears, N, Morrison, M; AUV Observations. The role of ocean climate in coastal ecosystems: sustained observing of benthic habitats; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Russ Babcock

Babcock, R, Haywood, M, Williams, S; Submerged subtropical kelp habitat and the seasonal dynamics of the EAC; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Russ Babcock

Barrett, N; Developing a non-intrusive monitoring approach for describing deep water habitats and biodiversity within Australia's new commonwealth MPA network and collecting the information necessary for optimal on-reserve and off-reserve management; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Neville Barrett

Marzinelli, EM, Williams, S, Babcock, R, Barrett, N, Johnson, C, Jordan, A, Kendrick, G, Hill, N, Pizarro, O, Smale, DA, Steinberg, P; AUV surveys of deep-water kelp across Australia; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ezequiel Marzinelli

Pizarro, O; Benthic monitoring with robotic platforms - the experience of Australia's Integrated Marine Observing System AUV Facility; International Symposium on Underwater Technology 2013, 05/03/2013 - 08/03/2013, Tokyo, Presenter(s): Oscar Pizarro

Hovey, RK, Van Niel, KP, Bellchambers, LM, Pember, MB, Kendrick, G, Williams, S; Modelling an inscrutable species: a case study of the Western Rock Lobster; 10th International Temperate Reefs Symposium, 12/01/2014 - 17/01/2014, Perth, Presenter(s): Renae Hovey

Kendrick, G, Hovey, RK, Bellchambers, LM, Williams, S, Babcock, R, Smale, DA, Hayes, K, Pember, MB; Remotely studying shifts in dominant marine species through the eyes of robots (AUVs); 10th International Temperate Reefs Symposium, 12/01/2014 - 17/01/2014, Perth, Presenter(s): Gary Kendrick

Ferrari, R, Boubée, T, Adam, A, Kobelkowsky-Vidrio, T, Byrne, M, Figueria, W; Quantifying coral growth and erosion using 3D models; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Renata Ferrari

## **Workshop Presentation**

Johnson-Robertson, M, Pizarro, O, Williams, S, Mahon, I; Large scale 3D reconstruction and visualization of stereo surveys; GeoHab 2009 Video Workshop, 03/05/2009 - 04/05/2009, Trondheim

Williams, S, Pizarro, O, Jakuba, M, Mahon, I, Johnson-Robertson, M, Rigby, P, Barkby, S; Autonomous marine systems for navigation, mapping and data interpretation; GeoHab 2009 Video Workshop, 03/05/2009 - 04/05/2009, Trondheim

Marzinelli, EM, Steinberg, P; Kelp cover and distribution in deep water temperate reefs.; 10th GHRST Science Team Meeting, 01/06/2009 - 01/06/2009, Santa Rosa

Pizarro, O; Simultaneous localisation and mapping and dense stereoscopic seafloor reconstruction using an AUV; Office of Naval Research Workshop on Machine Intelligence, 07/10/2009 - 08/10/2009, Lerici, Presenter(s): Oscar Pizarro

Williams, S, Pizarro, O, Jakuba, M, Steinberg, D, Friedman, A, Ahsan, N; Autonomous Underwater Vehicle monitoring of benthic reference sites; IEEE/RSJ International Conference on Intelligent Robots and Systems, 11/10/2009 - 15/10/2009, St. Louis, Presenter(s): Stefan Williams

Marzloff, M, Oliver, ECJ, Barrett, N, Holbrook, N, James, L, Wotherspoon, S, Johnson, C; Differential vulnerability of deep-reef habitat-forming organisms to climate change; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Craig Johnson

Williams, S, Pizarro, O, Bryson, M, Johnson-Robertson, M, Steinberg, D, Friedman, A; Autonomous Underwater Vehicle monitoring of benthic reference sites; Workshop on Marine Robotics: Looking into the Crystal Ball: 20 years hence in Marine Robotics, 11/02/2013 - 13/02/2013, Canary Islands, Presenter(s): Stefan Williams

Williams, S; AUVs for environmental monitoring; Workshop on Acoustic and Automated Video Processing, 11/06/2013 - 12/06/2013, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Stefan Williams

Kendrick, G, Hovey, RK, Bellchambers, LM, Babcock, R, Williams, S; AUV surveys in WA; NERP Marine Biodiversity Hub: Annual Researcher Workshop, 04/11/2013 - 08/11/2013, Hobart, Presenter(s): Gary Kendrick

Tran, M, Anderson, T, Booth, D, Althaus, F, et. al.; A review of scoring methods for underwater video and still imagery; Marine Imaging Workshop, 07/04/2014 - 10/04/2014, Southampton, Presenter(s): M Tran

Friedman, A; Developments in marine image processing - standards, automated, data management; GeoHab 2014 Workshop: Ground-validation for remotely sensed marine habitat mapping and species distribution modelling, 05/05/2014 - 05/05/2014, Melbourne, Presenter(s): Ariell Friedman

Pizarro, O, Williams, S; Developments in sampling tools and techniques; GeoHab 2014 Workshop: Ground-validation for remotely sensed marine habitat mapping and species distribution modelling, 05/05/2014 - 05/05/2014, Melbourne, Presenter(s): Oscar Pizarro, Stefan Williams

Williams, S; Reflections on a decade of Autonomous Underwater Vehicles for marine survey; IFAC workshop on navigation, guidance, control of underwater vehicles, 28/04/2015 - 30/04/2015, Girona, Presenter(s): Stefan Williams

Pizarro, O; Autonomous benthic monitoring downunder; Marine Imaging Workshop, 21/02/2017 - 21/02/2017, Kiel, Presenter(s): Oscar Pizarro

Friedman, A; An online platform for exploration, management and annotation of georeferenced images and videos; Marine Imaging Workshop, 22/02/2017 - 22/02/2017, Kiel, Presenter(s): Ariell Friedman

Williams, S; Applications in marine imaging: engineering science, ecology, archaeology and geology; Singapore AUV Challenge, 13/03/2017 - 13/03/2017, Singapore, Presenter(s): Stefan Williams

**Type Count**

**93**

## National mooring network

### Conference Oral Presentation

Cetina-Heredia, P, van Sebille, E, Roughan, M; Nutrient input into Australian ocean basins by ocean boundary currents; International Union of Geophysics and Geology (IUGG) General Assembly, 02/07/2007 - 13/07/2007, Perugia, Presenter(s): Paulina Cetina-Heredia

Suthers, I; SIMS and the Australian Acoustic Telemetry & Monitoring System; Australian Marine Science Association Conference, 09/07/2007 - 13/07/2007, University of Melbourne, Melbourne, Presenter(s): Iain Suthers

Middleton, J; Physical processes of wind-forced upwelling: time and spaced scales; Scientific Committee on Oceanic Research (SCOR) Deep Ocean Exchange Working Group Meeting, 10/07/2007 - 11/07/2007, Perugia, Presenter(s): John Middleton

Allen, S, Pender, L, Steinberg, C, Middleton, J, Brando, V, Roughan, M; The Australian National Moorings Network. In situ observations for Australian marine research; Australian Meteorological and Oceanographic Society (AMOS) Conference, 29/01/2008 - 01/02/2008, Geelong

Steinberg, C, Herzfeld, M, Schiller, A, Feng, M; Downscaling climate change to a reef on the GBR: Heron Island case study: Project 2.5i.1; Marine and Tropical Sciences Research Facility (MTSRF) Conference, 28/04/2008 - 01/05/2008, Cairns

Roughan, M, Suthers, I, Pritchard, T; Cross-shelf processes off the coast of NSW; results from the SEAMOS array; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne

Steinberg, C, McAllister, F, McLean, CM, Brinkman, GW, Pitcher, C, Luetchford, J, Rigby, P; The implementation of a Great Barrier Reef Ocean Observing System to monitor the Western Boundary Currents of the Coral Sea and impacts on the Great Barrier Reef; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne

Ganachaud, AS, Sen Gupta, AS, Steinberg, C, Maes, C; Projected ocean circulation changes to the tropical Pacific over the 21st century; Greenhouse 2009: Climate Change and Resources, 23/03/2009 - 26/03/2009, Perth

Leterme, S, James, C, Luick, J, Middleton, J, van Dongen-Vogels, V, Patterson, J, Seuront, L; Seasonal variations in biological characteristics of the South Australian shelf waters - results from the Southern Australian Integrated Marine Observing System (SAIMOS); European Geosciences Union (EGU) General Assembly, 19/04/2009 - 24/04/2009, Vienna

Steinberg, C, Weeks, S, Berkelmans, R; East Australian Current and upwelling influences on the thermal environment of the Great Barrier Reef; Marine and Tropical Sciences Research Facility (MTSRF) Conference, 28/04/2009 - 30/04/2009, Townsville

Steinberg, C, McAllister, F, McLean, CM, Brinkman, GW, Pitcher, C, Luetchford, J, Rigby, P; The Great Barrier Reef Ocean Observing System mooring array: monitoring the western boundary currents of the Coral Sea and Impacts on the Great Barrier Reef; 2009 Joint Assembly, 24/05/2009 - 27/05/2009, Toronto

Gavrilov, AS, McCauley, R, Thomas, F, Klaka, K, Salgado Kent, C, Perry, M, Duncan, A; Acoustic observations of the Australian Marine Observing System; Underwater Acoustic Measurements (UAM): Technologies and Results, 3rd International Conference, 21/06/2009 - 26/06/2009, Nafpilon

Coleman, M, Roughan, M, Connell, SD, Gillanders, B, Kelaher, BP, Steinberg, P; Contrasting patterns of connectivity among populations of kelp on Australia's temperate reefs; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Coman, F, Davies, C, Delacruz, J, McLeod, DJ, Pritchard, T, Slotwinski, A, Richardson, A; Seasonal, inter-annual, and potential decadal changes in the zooplankton community off Port Hacking, NSW; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Doblin, MA, Thompson, P, Hassler, C, Baird, ME, Suthers, I, Ralph, P; IMOS: The bridge between bio-optical data and modelled primary production; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

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McCauley, R, Cato, D, Salgado Kent, C, Duncan, A, Parsons, M, Gavrilov, AS; The strategic value of sea noise recordings; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Middleton, J, Seuront, L, Luick, J, James, C, Leterme, S, Teixeira, CEP, van Dongen-Vogels, V, Patterson, J; The biophysical landscape of the southern Australian shelves: measurement, modelling, climate and climate change; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Pritchard, T, Krogh, M, Delacruz, J, Davies, P, Ingleton, T; The legacy of Sydney's long term monitoring stations and prospects for integrated monitoring of coastal waters; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Roughan, M, MacDonald, HS, Baird, ME; Connectivity along the Continental Shelf of southeastern Australia; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Steinberg, C, Heron, SF, Herzfeld, M, Weeks, S, Bainbridge, S, Heron, M, Skirving, WJ; Observing and modelling the circulation of the Capricorn Bunker Group, Southern Great Barrier Reef; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Wood, JE, Roughan, M, Tate, P; Upwelling off the coast of Sydney: observations from the NSW IMOS Array ; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Lynch, T, Steinberg, C, Brando, V, Roughan, M, Middleton, J, Hughes, D, Feng, M, McCauley, R, Wiltshire, M, Hill, K, Proctor, R, Allen, S, Meyers, G, Moltmann, T; The Australian National Mooring Network; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

Steinberg, C, Heron, SF; Oceanography, mechanical damage and wave-induced upwelling; NOAA Coral Reef Watch/UQ Workshop - Satellite monitoring of reef vulnerability in a changing climate, 15/02/2010 - 18/02/2010, Brisbane

Baird, ME, Roughan, M, Morris, BD, Suthers, I; An Integrated Marine Observing System for southeastern Australia: the East Australian Current and its interaction with coastal environments; Ocean Sciences Meeting, 22/02/2010 - 26/02/2010, Portland

Patterson, J, van Dongen-Vogels, V, Leterme, S, Seuront, L; Viral and bacterial spatial dynamics within coastal upwelling systems; Ocean Sciences Meeting, 22/02/2010 - 26/02/2010, Portland

Roughan, M, MacDonald, HS, Baird, ME, Glasby, TM; Downscaling an eddy resolving model to investigate seasonal and inter-annual variability in coastal connectivity in a Western Boundary Current; Ocean Sciences Meeting, 22/02/2010 - 26/02/2010, Portland

van Dongen-Vogels, V, Seymour, JR, Leterme, S, Patterson, J, Seuront, L; Space-time variability of picophytoplankton communities in South Australian shelf waters; Ocean Sciences Meeting, 22/02/2010 - 26/02/2010, Portland

Berkelmans, R, Weeks, S, Steinberg, C; Upwelling linked to warm summers and bleaching on the Great Barrier Reef; Marine and Tropical Sciences Research Facility (MTSRF) Conference, 18/05/2010 - 20/05/2010, Cairns

Brinkman, R, Herzfeld, M, Andrewartha, J, Steinberg, C, Spagnol, S; Hydrodynamics at the whole of GBR scale; Marine and Tropical Sciences Research Facility (MTSRF) Conference, 18/05/2010 - 20/05/2010, Cairns

Congdon, BC, Weeks, S, Steinberg, C; Whirlpools and weight loss: linking seabird foraging success and oceanography in the southern Great Barrier Reef; Marine and Tropical Sciences Research Facility (MTSRF) Conference, 18/05/2010 - 20/05/2010, Cairns

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Lynch, T; Functions of the Australian National Reference Stations; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong, Presenter(s): Tim Lynch

Morris, BD, Roughan, M, Doblin, MA; Variability and boundary current effects on the coastal waters of Sydney, Australia using IMOS data; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Steinberg, C, Heron, SF, Heron, M, Mantovanelli, A, Rigby, P, Weeks, S, Jaffres, JBD, Brinkman, R, Herzfeld, M, Wisdom, D; Advances in observing physical oceanographic impacts on the Southern Great Barrier Reef, Australia; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Steinberg, C, Brinkman, R, Mantovanelli, A, Herzfeld, M, Heron, M, Weeks, S, McAllister, F, Heron, SF, Wisdom, D, Revelard, A; Advances in observing and modelling physical oceanographic impacts on the Southern Great Barrier Reef, Australia; 85th Annual Australian Coral Reef Society (ACRS) Conference, 10/09/2010 - 12/09/2010, Coffs Harbour, Presenter(s): Craig Steinberg

Schaeffer, A, Roughan, M, Morris, BD, Rossi, V; Physical variability on the shelf off NSW Australia: new insights from the NSW Integrated Marine Observing System; ICES Annual Science Conference, 20/09/2010 - 24/09/2010, Nantes

Tilbrook, B; Ocean acidification and the carbonate chemistry of Australian regional seas; Ocean Acidification: Implications for Living Marine Resources in the Southern Hemisphere, 15/06/2011 - 17/06/2011, Canberra, Presenter(s): Bronte Tilbrook

Feng, M; Multi-decadal trends of the Leeuwin Current in the southeast Indian Ocean; International Union of Geophysics and Geology (IUGG) Earth on the Edge: Science for a Sustainable Planet, 28/06/2011 - 07/07/2011, Melbourne, Presenter(s): Ming Feng

Brinkman, R, Herzfeld, M, Steinberg, C, Andrewartha, J, Condie, SA; Simulation of 3-D hydrodynamics, flood plumes and connectivity on the Great Barrier Reef; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Richard Brinkman

Earp, A, Hanson, CE, Baird, ME, Brando, V, Allen, S, Clementson, L, Daniel, P, Humphries, J, Parslow, J, Ralph, P, Strutton, P, Suthers, I, Thompson, P, Underwood, M, Doblin, MA; Calibrating and validating bio-optical signals from ocean sensors; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Jones, N; Internal wave climatology at Ningaloo Reef; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Nicole Jones

Lynch, T; A NRS infrastructure for Australia: Preliminary results and quality control; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Tim Lynch

Lynch, T, Morello, E, Hughes, D, Steinberg, C, Feng, M, Richardson, A, Thompson, P, Bonham, P, Howell, B, Slawinski, D, James, C, Middleton, J, Davies, C, Rigby, P; Quality control and preliminary results from the IMOS Australian National Reference Stations; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

McCauley, R; Long term trends in pygmy blue whale use of the Perth Canyon via passive acoustics; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Rob McCauley

Rossi, V, Roughan, M, Beckley, L, Waite, A; A bio-physical characterization of water masses off Ningaloo reef in May 2010; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Vincent Rossi

Roughan, M, Morris, BD, Doblin, MA, Ingleton, T, Pritchard, T, Suthers, I, Wood, JE; Giving spatial & temporal context to 70 years of oceanographic observations at Port Hacking, NSW; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Moninya Roughan

Steinberg, C, Rigby, P, McAllister, F, Spagnol, S, Brinkman, R, Jones, N; Current observations from the Continental Shelves of the Arafura and Timor Seas; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Craig Steinberg

Wood, JE, Roughan, M, Morris, BD; The origin & variability of cold water events observed off Sydney, NSW; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Julie Wood

Xu, J, Ivey, GN, Lowe, R, Pattiaratchi, C, Brinkman, R; Double nested numerical modelling of summer upwelling dynamics at Ningaloo Reef, Perth; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Jiangtao Xu

Mantovanelli, A, Heron, M, Prytz, A, Steinberg, C, Wisdom, D; Validation of radar-based Lagrangian trajectories against surface-drogued drifters in the Coral Sea, Australia; OCEANS 2011 MTS/IEEE, 19/09/2011 - 22/09/2011, Kona

Congdon, BC, Weeks, S, Steinberg, C; Seabirds in hot water: linking seabird foraging success and oceanography on the GBR; Ornithological Conference, 28/09/2011 - 01/10/2011, Cairns, Presenter(s): Brad Congdon

Xu, J, Ivey, GN, Lowe, R, Pattiaratchi, C, Brinkman, R; Dynamics of the summer shelf circulation and transient upwelling off Ningaloo Reef, Perth; ANNIMS Conference, 29/11/2011 - 01/12/2011, University of Western Australia, Perth, Presenter(s): Jiangtao Xu

MacDonald, HS, Roughan, M, Baird, ME, Wilkin, J; Anatomy of a flooding warm-core eddy; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Morris, BD, Macdonald, G, Roughan, M, Holden, C; The first three years of NSW-IMOS mooring deployments; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Pearce, A, Feng, M; The 2011 marine heat wave off Western Australia; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Rossi, V, Galibert, G, Wood, JE, Schaeffer, A, Sudre, J, Roughan, M, Waite, A; Spatio-temporal variability of sporadic upwelling events over the East Australian continental margin for the last decade; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Roughan, M, Morris, BD, Schaeffer, A; Using high-resolution ocean timeseries data to give context to long term hydrographic sampling off Sydney, Australia; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Schaeffer, A, Roughan, M, Morris, BD; Physical variability on the shelf off NSW Australia: new insights from the NSW Integrated Marine Observing System; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Roughan, M, Everett, JD, Galibert, G, Doblin, MA; Advances in incorporating bio-optical data in long term observing systems challenges and solutions; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City, Presenter(s): Moninya Roughan

Roughan, M, Everett, JD, Galibert, G, Doblin, MA, Walsh, ID; Advances in incorporating bio-optical data in long term observing systems. Challenges and solutions; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City

Roughan, M, Morris, BD, Schaeffer, A; Using high-resolution ocean timeseries data to give context to long term hydrographic sampling off Port Hacking, NSW, Australia; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City

Roughan, M, Morris, BD, Schaeffer, A; Using high-resolution ocean timeseries data to give context to long term hydrographic sampling off Sydney, Australia; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City

Wijffels, S, Sloan, B, Steinberg, C; The Australian Integrated Marine Observing System's Indonesian throughflow and shelf moorings; CLIVAR ITF-Task Team Workshop Developing an Effective Monitoring Program of the Indonesian throughflow, 12/03/2012 - 14/03/2012, Jakarta

Coman, F, Bonham, P, Davies, C, Hosie, G, Lynch, T, McLaughlin, J, McLeod, DJ, Thompson, P, Tonks, M, Strzelecki, J, Slotwinski, A, Richardson, A; The plankton observing system in IMOS; CMAR Science Symposium - Science, Impacts, Possibilities, 20/03/2012 - 22/03/2012, Hobart

McCauley, R, Gavrilov, AS, Salgado Kent, C, Jenner, C, Jenner, M, Gedamke, J; Migratory habits of pygmy and Antarctic blue whales in Australian waters; Living Whales in the Southern Ocean: Advances in Methods for Non-lethal Cetacean Research, 27/03/2012 - 29/03/2012, Puerto Varas, Presenter(s): Rob McCauley

Schaeffer, A, Roughan, M, Morris, BD, Rossi, V; Physical variability of the eastern Australian shelf from an Integrated marine Observation System; 10th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO) - Changing Southern Climates, 23/04/2012 - 27/04/2012, Noumea

Steinberg, C, McAllister, F, Rigby, P, Brinkman, GW, Luetchford, J, Brinkman, R, Bartlett, C, Herzfeld, M; Q-IMOS Monitoring of The Western Boundary Currents of the Coral Sea and the Great Barrier Reef; 10th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO) - Changing Southern Climates, 23/04/2012 - 27/04/2012, Noumea

Mongin, M, Tilbrook, B, Roelfsema, C, Anthony, KR, Steinberg, C, Bainbridge, S; A detailed modelling insight of the carbon chemistry variability around Heron Island, Great Barrier Reef; AIMS Seminar, 26/04/2012 - 26/04/2012, Australian Institute of Marine Science, Darwin, Presenter(s): Mathieu Mongin

Strzelecki, J, Feng, M, et. al.; Location and transport of early life stages of dhufish; 6th World Fisheries Congress, 07/05/2012 - 11/05/2012, Edinburgh International Conference Centre, Edinburgh

Armbrecht, L, Armand, L, Raftos, L, Roughan, M; Phytoplankton time-series survey and biogeochemical assessment of the Coffs Harbour Region; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart

Armbrecht, L, Armand, L, Raftos, L, Roughan, M; Phytoplankton time-series survey and biogeochemical assessment of the Coffs Harbour region, Eastern Australia; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Linda Armbrecht

Caputi, N, Pearce, A, Feng, M; The extreme "marine heat wave" event of 2010/2011 and its effects on marine environment and Western Australian fisheries; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Nick Caputi

Davies, C, Coman, F, Hallegraef, GM, Hosie, G, McKinnon, D, McLaughlin, J, McLeod, DJ, Slotwinski, A, Strzelecki, J, Swadling, K, Thompson, KR, Tonks, M, Richardson, A; We need YOU: Plankton researchers united; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Claire Davies

Everett, JD, Baird, ME, Roughan, M, Suthers, I, Oke, PR, Doblin, MA; Using satellite datasets to examine patterns in chlorophyll a and net primary productivity adjacent to the East Australian Current; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Jason Everett

Ingleton, T, Morris, BD, Lynch, T; CTD profiling and the Integrated Marine Observing System (IMOS): A standard approach for profile data collection and handling for the Australian National Moorings Network (ANMN); AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart

MacDonald, HS, Roughan, M, Baird, ME, Wilkin, J; The evolution of a cold-core eddy in a Western Boundary Current; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Helen MacDonald

McCauley, R, Gavrilov, AS, Salgado Kent, C, Jenner, C, Jenner, M, Gedamke, J; Migratory habits of pygmy and Antarctic blue whales in Australian waters; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Rob McCauley

Strzelecki, J, Feng, M, Keesing, J, Berry, O, Zhong, L, Jackson, GD, Fairclough, D, Mortimer, N, Slawinski, D, Bearham, D, Thomson, D, McLaughlin, J; Tracking the early life stages of Western Australia Dhufish; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ming Feng

Tilbrook, B; CO2 Observing systems in the Southern Ocean; Surface Ocean CO2 Atlas (SOCAT) Progress Meeting, 03/07/2012 - 04/07/2012, Tsukuba, Presenter(s): Bronte Tilbrook

Roughan, M, Galibert, G, Morris, BD; Using high-resolution ocean timeseries data to give context to 50 years of hydrographic sampling off Sydney, Australia; AOGS - AGU(WPGM) Joint Assembly, 13/08/2012 - 17/08/2012, Singapore

Schaeffer, A, Roughan, M, Morris, BD, Rossi, V; Physical variability on the shelf off NSW Australia: new insights from the NSW Integrated Marine Observing System; AOGS - AGU(WPGM) Joint Assembly, 13/08/2012 - 17/08/2012, Singapore, Presenter(s): Amandine Schaeffer

Tilbrook, B; Australian monitoring efforts on GBR; Coral Reef Acidification Monitoring Portfolio Workshop, 28/08/2012 - 29/08/2012, Fort Lauderdale, Presenter(s): Bronte Tilbrook

Bilgmann, K, Parra, G, Zanardo, N, Beheregaray, L, Moller, L; Identification of management units of short-beaked common dolphins in southern Australia and its implications for managing fisheries operational interactions; Australian Mammal Society 58th Scientific Meeting, 23/09/2012 - 29/09/2012, Port Augusta, Presenter(s): Kerstin Bilgmann

Zanardo, N, Bilgmann, K, Parra, G, Moller, L; Socio-genetic structure of short-beaked common dolphins in South Australia; Australian Mammal Society 58th Scientific Meeting, 23/09/2012 - 29/09/2012, Port Augusta, Presenter(s): Nikki Zanardo

Tilbrook, B; The carbonate chemistry of the Great Barrier Reef; 3rd International Conference on the Oceans in a High CO2 World, 24/09/2012 - 28/09/2012, Monterey, Presenter(s): Bronte Tilbrook

Steinberg, C, Roughan, M, Austin, T; IMOS Australian National Mooring Network - Regional Mooring Arrays; ADCP's (Acoustic Doppler Current Profiler) in Action 2012, 08/10/2012 - 09/10/2012, Gold Coast, Presenter(s): Craig Steinberg

Feng, M; An unprecedented Leeuwin Current warming event in 2011; 9th Session of the CLIVAR/IOC-GOOS Indian Ocean Panel, 15/10/2012 - 17/10/2012, Cape Town, Presenter(s): Ming Feng

Feng, M; WA IMOS; 9th Session of the CLIVAR/IOC-GOOS Indian Ocean Panel, 15/10/2012 - 17/10/2012, Cape Town, Presenter(s): Ming Feng

McCauley, R; Migratory movements and relative abundance of blue whales in Australian waters; Centre for Marine Science and Technology Seminar, 23/10/2012 - 23/10/2012, Curtin University, Perth, Presenter(s): Rob McCauley

Raes, E, McInnes, AS, Strutton, P, Phillips, H, Waite, A; Dinitrogen fixation in the Eastern Indian Ocean and the usage of IMOS data; Bluewater & Climate Node Science Meeting, 28/11/2012 - 29/11/2012, Hobart, Presenter(s): Eric Raes

Huveneers, C, Rogers, P, Beckman, C, Drew, M, Heard, M, Corrigan, S; Shark ecology: relevance to industry and the community; Marine Innovation Southern Australia Symposium, 30/11/2012 - 30/11/2012, Port Lincoln, Presenter(s): Charlie Huveneers

Feng, M, McPhaden, M, Xie, S, Hafner, J; An Unprecedented Leeuwin Current warming event in 2011; American Geophysical Union (AGU) Fall Meeting, 03/12/2012 - 07/12/2012, San Fransisco, Presenter(s): Ming Feng

Bell, M, Robertson, R; Internal tides and waves off NSW coast as observed in IMOS mooring data; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Matthew Bell

Brinkman, R, Tonin, H, Herzfeld, M, Andrewartha, J, Furnas, M, Schaffelke, B, Fabricius, K; Quantifying the footprint and impact of river inflows into the GBR, and implications for understanding Crown of Thorns Seastar outbreaks - an application of eReefs models and IMOS data; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Hemerson Tonin

Evans, K, Lynch, T, Morello, E, Ridgway, K; The Australian Integrated Marine Observing System's National Reference Stations: a continental observing system for identifying climate variability over multiple scales; CLIOTOP Second Symposium, 11/02/2013 - 15/02/2013, Noumea, Presenter(s): Karen Evans

Heron, M; Turbulent mixing mapped in shallow water using HF and VHF Ocean Radar; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Mal Heron

Mantovanelli, A, Heron, M, Heron, SF, Steinberg, C; Influence of the complex topography on particle dispersion in the southern Great Barrier Reef ; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Alessandra Mantovanelli

Mantovanelli, A, Roughan, M; Lagrangian dynamics in the solitary islands Marine Park (SIMP); Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Alessandra Mantovanelli

Schaeffer, A, Roughan, M, Morris, BD; Understanding the complex roles of alongshore current and wind forcing in driving upwelling in the east Australian Current; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Amandine Schaeffer

Wood, JE, Roughan, M; Explaining variability on the continental shelf upstream and downstream of a western boundary current's separation zone; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Julie Wood

Armbrecht, L, Roughan, M, Rossi, V, Schaeffer, A, Davies, P, Waite, A, Armand, L; Phytoplankton composition under contrasting oceanographic conditions in a biological hotspot; ASLO 2013 Aquatic Sciences Meeting, 17/02/2013 - 22/02/2013, New Orleans, Presenter(s): Linda Armbrecht

Galibert, G; Existing implementations of standards and protocols; IODE First ODIP Workshop, 25/02/2013 - 28/03/2013, Oostende, Presenter(s): Guillaume Galibert

Ajani, P, Armand, L, Murray, S, Brett, S, Hallegraeff, GM; Morphological, molecular and toxicological characterisation of the diatom genus *Pseudo-nitzschia* in southeastern Australian coastal waters; 9th International Conference on Molluscan Shellfish Safety, 17/03/2013 - 22/03/2013, Sydney, Presenter(s): Penny Ajani

Feng, M; 2011 Ningaloo Nino - an unprecedented warming event off the Western Australia coast; 17th Pacific Asian Marginal Seas (PAMS) Meeting , 23/04/2013 - 25/04/2013, Hangzhou, Presenter(s): Ming Feng

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Henschke, N, Everett, JD, Doblin, MA, Pitt, K, Richardson, A, Suthers, I; Demographic characteristics of salp swarms (*Thalia democratica*) and their interannual variability; 4th International Jellyfish Bloom Symposium, 05/06/2013 - 07/06/2013, Hiroshima, Presenter(s): Natasha Henschke

Gavrilov, AS, McCauley, R; A network of passive acoustic observatories of the integrated marine observing system in Australia: data collection, processing and online communication through an internet portal ; 14th Conference on Ocean Acoustics, 17/06/2013 - 21/06/2013, Moscow, Presenter(s): Alexander Gavrilov

Gavrilov, AS, McCauley, R, Hidas, MG, Bohm, P; Passive acoustics observatories of the Integrated Marine Observing System: Data collection, management and communication; Underwater Acoustic Conference, 24/06/2013 - 28/06/2013, Corfu, Presenter(s): Alexander Gavrilov

Schaeffer, A, Roughan, M; Cross-shelf dynamics in a western boundary current regime: implications for upwelling; Asia-Oceania Geosciences Society Annual Meeting, 24/06/2013 - 28/06/2013, Brisbane, Presenter(s): Amandine Schaeffer

Strzelecki, J, Feng, M, Berry, O, Keesing, J, Pearce, A, Fairclough, D, Mortimer, N, Slawinski, D, Jackson, GD; Location and transport of eggs and larvae of Western Australian dhufish, *Glaucosoma hebraicum* (Richardson, 1845); 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Joanna Strzelecki

Feng, M; Ningaloo Nino dynamics; CSIRO Wealth from Oceans Flagship science meeting, 03/07/2013 - 03/07/2013, Perth, Presenter(s): Ming Feng

Armbrecht, L, Schaeffer, A, Roughan, M, Davies, P, Armand, L; Phytoplankton abundance and distribution in a biological hotspot; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Linda Armbrecht

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M; Inter-annual variability of the circulation along the coast of southeastern Australia and its impact on particle transport; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Paulina Cetina-Heredia

Doblin, MA, Steinberg, C; Micro's for Macro's: new perspectives on microbially-mediated marine processes; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): M Doblin

Heupel, M, Simpfendorfer, C; Importance of environmental and biological drivers in the presence and space use of a reef-associated shark; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Michelle Heupel

Marin, M; Modelling the distribution of kelp in a vertically structured subtropical water column; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Maxime Marin

Quayle, L; Zooplankton in Recherche Bay and relationship to oceanographic drivers; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Lucy Quayle

Roughan, M, Schaeffer, A, Mantovanelli, A; Quantifying upwelling on the continental shelf of southeastern Australia; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Moninya Roughan

Slawinski, D, Colberg, F, Feng, M; A shelf scale hydrodynamic model for the Pilbara, Western Australia; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Dirk Slawinski

Swadling, K, Slotwinski, A, Davies, C, Beard, J, McKinnon, D, Coman, F, Murphy, N, Tonks, M, Rochester, W, Hosie, G, Richardson, A; Australian marine zooplankton: a taxonomic guide and atlas; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Kerrie Swadling

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Balcazar, N, Tripovich, J, Dziak, R, Mellinger, D, Nieukirk, S, Klinck, H, Rogers, T; Calls reveal population structure of two pygmy blue whales in the Indo-Pacific; Australian Mammal Society 59th Scientific meeting , 08/07/2013 - 10/07/2013, University of New South Wales, Sydney, Presenter(s): Naysa Balcazar

Doubell, M, Middleton, J, Spencer, D, Lemkert, C; Enhanced vertical mixing by salt fingers in the shelf waters off Kangaroo Island, South Australia; 16th International Workshop on Physical Processes in Natural Waters, 08/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Mark Doubell

Feng, M; Ningaloo Nino - an unprecedented warming event off the Western Australia coast; WCRP/CLIVAR Second International Symposium on Boundary Current Dynamics, 08/07/2013 - 09/07/2013, Li Jang, Presenter(s): Ming Feng

Feng, M; WA IMOS; WCRP/CLIVAR Second International Symposium on Boundary Current Dynamics, 08/07/2013 - 09/07/2013, Li Jang, Presenter(s): Ming Feng

Rogers, T, Balcazar, N, Klinck, H, Nieukirk, S, Sirovic, S, Mellinger, D, Tripovich, J; Should I stay or should I go: Antarctic blue whales use alternate partial migratory strategies; Australian Mammal Society 59th Scientific meeting , 08/07/2013 - 10/07/2013, University of New South Wales, Sydney, Presenter(s): Tracey Rogers

Tripovich, J, Klinck, H, Nieukirk, S, Adams, T, Mellinger, D, Rogers, T; Acoustic partitioning of two sympatric blue whale subspecies: Antarctic (*Balaenoptera musculus intermedia*) and Pygmy Blue Whales (*B. m. breviceauda*); Australian Mammal Society 59th Scientific meeting , 08/07/2013 - 10/07/2013, University of New South Wales, Sydney, Presenter(s): Joy Tripovich

Huveneers, C, Simpfendorfer, C, Kim, S, Semmens, J, Boomer, A, Heupel, M, Peddemors, V, Hobday, A, Stieglitz, T, Pederson, H, Vallee, R, Webber, D, Harcourt, R; The influence of depth, orientation, and environmental parameters on the performance and detection range of acoustic receivers; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Charlie Huveneers

Lee, K, Huveneers, C, Gimenez, O, Peddemors, V, Harcourt, R; To catch or to sight? A comparison of demographic parameter estimates obtained from mark-recapture and mark-resight models; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Kate Lee

Feng, M, McPhaden, M, Xie, S, Hafner, J, Zhong, L; Ningaloo Nino - an unprecedented warming of the Leeuwin Current in 2011; Joint Assembly IAHA-IAPSO-IASPEI, 22/07/2013 - 26/07/2013, Gothenburg, Presenter(s): Ming Feng

Pattiaratchi, C; Sub-mesoscale eddies ('peddies') on the South-West Australian continental shelf; IAHS/IAPSO/IASPEI 'Knowledge for the Future' Assembly, 22/07/2013 - 26/07/2013, Gothenburg, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; The Leeuwin Current system: a boundary current system along Western Australia; IAHS/IAPSO/IASPEI 'Knowledge for the Future' Assembly, 22/07/2013 - 26/07/2013, Gothenburg, Presenter(s): Charitha Pattiaratchi

Bakker, DCE, Hankin, S, Olsen, A, Pfeil, B, et, al.; An update to the Surface Ocean CO<sub>2</sub> Atlas (SOCAT version 2); Global Ocean Acidification Observing Network, 24/07/2013 - 26/07/2013, St. Andrews, Presenter(s): D Bakker

Pattiaratchi, C; Peddies (petite eddies): sub-mesoscale eddies along the continental shelf off South-West Australia; 6th Warnemunde Turbulence Days Conference, 11/08/2013 - 15/08/2013, Vilm, Presenter(s): Charitha Pattiaratchi

Armbrecht, L; Testing phytoplankton quantification techniques: microscopy and CHEMTAX; Macquarie University Higher Degree Research Conference, 05/11/2013 - 07/11/2013, Macquarie University, Sydney, Presenter(s): Linda Armbrecht

Doubell, M; How much is just right? A model to manage aquaculture; SARDI Aquatic Sciences Open Day Lecture Series, 17/11/2013 - 17/11/2013, South Australian Research and Development Institute, Adelaide, Presenter(s): Mark Doubell

van Ruth, P, Doubell, M; Bottom-up regulation of primary productivity in a seasonally flushed inverse estuary; Australasian Society for Phycology and Aquatic Botany Annual Conference, 27/11/2013 - 27/11/2013, Sydney, Presenter(s): Paul van Ruth

McCauley, R, Jenner, C, Gedamke, J, Gavrilov, AS, Salgado Kent, C; The blue whale species complex in Australian waters based on passive acoustics; Marine Mammal Society Conference, 09/12/2013 - 13/12/2013, Otago University, Dunedin, Presenter(s): Rob McCauley

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M; Transport and separation in the East Australian Current: inter-annual variability, trend, and implications for advection of propagules; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Paulina Cetina-Heredia

Feng, M; Shelf temperature observations off Rottneest, Western Australia since 1950; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Ming Feng

Jones, K, Strutton, P, Furnas, M; Enhanced biological production from ephemeral events in an oligotrophic coastal system ; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Katherine Jones

Mantovanelli, A, Roughan, M, Keating, S, Wyatt, LR, Schaeffer, A; On the complex interactions of the East Australian Current (EAC) and continental shelf waters; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Alessandra Mantovanelli

Marshall, AD; West Australian marine heat waves: variability and dynamics of the Ningaloo Nino; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): A Marshall

Middleton, J, Richardson, L, James, C; The Flinders Current: fact or fiction?; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): John Middleton

Schaeffer, A; Can we quantify the transport and frequency of bottom water uplift driven by the East Australian Current?; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Amandine Schaeffer

Steinberg, C; Q-IMOS monitoring of the western boundary currents of the coral sea and Great Barrier Reef exchanges; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Craig Steinberg

Crossing, R, Kondylas, S; Fundamentals of mooring data collection; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): R Crossing

Brinkman, R, Tonin, H, Herzfeld, M, Andrewartha, J, Furnas, M, Schaffelke, B, Fabricius, K; Quantifying the footprint and impact of river inflows into the GBR, and implications for understanding Crown of Thorns Seastar outbreaks - an application of eReefs models and IMOs data; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Richard Brinkman

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M, Feng, M; Larval transport under a climate change scenario in a strengthening western boundary current; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Paulina Cetina-Heredia

MacDonald, HS, Ivey, GN, Jones, N, Lowe, R, Pequignet, C; Cyclone modelling on the Australian North West Shelf; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Helen MacDonald

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Mantovanelli, A, Roughan, M, Keating, S, Wyatt, LR, Schaeffer, A; Has the importance of submesoscale fronts been undervalued in coastal areas bordered by the East Australian Current?; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Alessandra Mantovanelli

Schaeffer, A, Roughan, M, Wood, JE; Quantifying Ekman transport and bottom water uplift by a western boundary current: in-situ observations on the Australian continental shelf; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Amandine Schaeffer

Steinberg, C, McAllister, F, Rigby, P, Tonin, H; Q-IMOS monitoring of the western boundary currents of the coral sea and Great Barrier Reef exchanges ; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Craig Steinberg

Tilbrook, B, Nojiri, Y, Neill, C, Veness, T; Seawater carbonate chemistry and ocean acidification on the Great Barrier Reef; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Bronte Tilbrook

Xu, J, Ivey, GN, Lowe, R, Jones, N, Brinkman, GW, Zhang, Z; Ocean circulation and connectivity along the Ningaloo Shelf, Western Australia; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Jiangtao Xu

MacDonald, HS, Roughan, M, Wilkin, J, Baird, ME; Eddies in the East Australian Current; ROMS/TOMS Workshop, 26/05/2014 - 29/05/2014, Rovinj, Presenter(s): Helen MacDonald

Doubell, M, James, C, van Ruth, P, Luick, J, Middleton, J; Development of a biogeochemical model for Spencer Gulf, South Australia: Application and implications for aquaculture development and sustainability; World Aquaculture Conference, 07/06/2014 - 11/06/2014, Adelaide, Presenter(s): Mark Doubell

Middleton, J, Doubell, M, James, C, Luick, J; A Graphical user interface: a tool for finfish carrying capacity; World Aquaculture Conference, 07/06/2014 - 11/06/2014, Adelaide, Presenter(s): Charles James, John Middleton

Middleton, J, Doubell, M, James, C, Luick, J; Carrying capacity for finfish aquaculture. Part 1&2 - rapid assessment using hydrodynamic and semi-analytical solutions; World Aquaculture Conference, 07/06/2014 - 11/06/2014, Adelaide, Presenter(s): John Middleton

Balcazar, N, Nieukirk, S, Klinck, H, Mellinger, D, Tripovich, J, Dziak, R, Rogers, T; Calls reveal population structure of the elusive blue whale; Eco-acoustics Science Conference; Ecology and acoustics: emergent properties from community to landscape, 16/06/2014 - 18/06/2014, Paris, Presenter(s): Naysa Balcazar

Ajani, P, Murray, S, Hallegraeff, GM, Brett, S, Armand, L; Cryptic and harmful: molecular analysis of algal species causing amnesic shellfish poisoning in Australian waters; 5th Congress of the International Society for Applied Phycology, 22/06/2014 - 27/06/2014, Sydney, Presenter(s): Penny Ajani

Tilbrook, B; Surface Ocean CO2 Atlas Workshop 10; IMBER Future Oceans Science Conference, 23/06/2014 - 28/06/2014, Bergen, Presenter(s): Bronte Tilbrook

Brown, MV; Microbial patterns in Australian marine provinces; Australian Society for Microbiology Conference, 06/07/2014 - 09/07/2014, Melbourne, Presenter(s): Mark Brown

Messer, L, Jeffries, TC, Mahaffey, C, Doubell, M, Doblin, MA, Brown, MV, Seymour, JR; Diazotroph dynamics across Australia's oligotrophic oceans; Australian Society for Microbiology Conference, 06/07/2014 - 09/07/2014, Melbourne, Presenter(s): Lauren Messer

Balcazar, N, Tripovich, J, Nieukirk, S, Klinck, H, Mellinger, D, Dziak, R, Rogers, T; Call reveal population structure and behaviour of the elusive blue whale; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Naysa Balcazar

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Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M, Feng, M; Larval transport and connectivity of marine reserves under a climate change scenario; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Paulina Cetina-Heredia

Clementson, L, Helidoniotis, F, Lynch, T; A systematic approach to providing high quality bio-optical data streams from moored observing systems over broad spatial and temporal scales; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): L Clementson

Robertson, R, Hartlipp, P, Boettger, D, Bell, M; The role of tides and tidal mixing in temperature and nitrate distributions off New South Wales; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Robin Robertson

Slawinski, D, Feng, M, Darby, I; West Australian IMOS moorings - a near continuous latitudinal coastal observation network for the South-East Indian Ocean; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Dirk Slawinski

Williams, DK, Patterson, R; Cumulative impacts of industrial development on sediment transport in Darwin Harbour's east arm wharf; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): David Williams

Schaeffer, A, Roughan, M, White, D; Watermass characteristics in the East Australian Current separation zone from repeat autonomous glider deployments; AOGS - Asia Oceania Geosciences Annual Meeting, 28/07/2014 - 04/08/2014, Sapporo, Presenter(s): Amandine Schaeffer

Wood, JE, Roughan, M, Schaeffer, A; Low frequency variability in the circulation on the southeastern Australian continental shelf; AOGS - Asia Oceania Geosciences Annual Meeting, 28/07/2014 - 04/08/2014, Sapporo, Presenter(s): Julie Wood

Brown, MV; Patterns and predictions in Australian marine microbiota; Singapore Interactive Meeting on Microbial Ecology Research, 22/08/2014 - 23/08/2014, Singapore, Presenter(s): Mark Brown

Messer, L, Jeffries, TC, Mahaffey, C, Doubell, M, Doblin, MA, Brown, MV, Seymour, JR; Diazotroph dynamics across Australia's oligotrophic oceans; 15th International Symposium on Microbial Ecology, 24/08/2014 - 29/08/2014, Seoul, Presenter(s): Lauren Messer

Vila-Concejo, A, Harris, D; Morphological stability and sediment transport processes on sand aprons; 88th Australian Coral Reef Society Conference, 27/08/2014 - 29/08/2014, Brisbane, Presenter(s): Ana Vila-Concejo

Henschke, N, Smith, J, Everett, JD, Suthers, I; A density dependent *Thalia democratica* population model ; ICES Annual Science Conference, 15/09/2014 - 19/09/2014, Coruna, Presenter(s): Natasha Henschke

Baird, ME, Wild-Allen, K, Mongin, M, Skerratt, J, Rizwi, F, Robson, B, Jones, EM, Schroeder, T; eReefs biogeochemical model assessment - ocean colour and in situ observations; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Mark Baird

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M, Feng, M; Past, present and future transport patterns along the east Australian coast and its impact on larval dispersal; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Paulina Cetina-Heredia

Greenwood, J, Craig, P; Modelling the vertical distribution of phytoplankton on the continental shelf; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Jim Greenwood

James, C, Doubell, M, Luick, J, Middleton, J; SWAN model study: Effects of wind forcing temporal resolution on waves in Spencer Gulf; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Charles James

Jones, EM, Baird, ME, Herzfeld, M, Oke, PR, Mongin, M, Parslow, J, King, E, Skerratt, J, Wild-Allen, K, Robson, B, Margvelashvili, N, Andrewartha, J; eReefs data assimilation - from the hydrodynamics to the biogeochemistry; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Emlyn Jones

Middleton, J, Luick, J, James, C, Doubell, M, Bastos de Oliveira, H; Coastal Modelling at the South Australian Research and Development Institute; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): John Middleton

Robertson, R; Parameterization of vertical tidal mixing in ROMS; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Robin Robertson

Skerratt, J, Baird, ME, Mongin, M, Rizwi, F, Wild-Allen, K; Application of catchment load scenarios for management of coastal ecosystems; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Jenny Skerratt

Strutton, P, Jones, K, Jones, N, Bluteau, C, Pequignet, C, Lowe, R, Ivey, GN, MacDonald, HS; Coupling between ocean physics and biogeochemistry; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Helen MacDonald

Wang, XH, Roughan, M; Estuarine and sediment transport modelling for the World Harbour Project A; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Xiao Hua Wang

Williams, DK, Steinberg, C, Rigby, P, Brinkman, R, Spagnol, S, Patterson, R; Observations and modelling in support of port activities for Darwin Harbour, Northern Territory, Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): David Williams

Robinson, C, Hughes, D, Ralph, P, Suggett, DJ, Cherukuru, N, Doblin, MA; Using multi-colour fast repetition rate fluorometers to discriminate the taxon specific photoacclimation strategies of mixed phytoplankton communities; Ocean Optics XXII, 26/10/2014 - 31/10/2014, Portland, Presenter(s): Charlotte Robinson

Pattiaratchi, C; Coastal ocean observations in Western Australia: from waves to whales; Seventh world congress of scientific youth, Federation Internationale des Societes scientifiques, 06/11/2014 - 06/11/2014, Mendoza, Presenter(s): Charitha Pattiaratchi

Harris, D, Vila-Concejo, A, Webster, J; Wave processes on coral reef flats during modal and storm conditions; American Geophysical Union (AGU) Fall Meeting, 15/12/2014 - 19/12/2015, San Fransisco, Presenter(s): Daniel Harris

Book, JW, Pequignet, C, MacDonald, HS, Jones, N, Lowe, R, Ivey, GN, Rice, AE, Rowley, C, Brinkman, R, Steinberg, C, Strutton, P, Smith, S; Observations and modelling of the North West shelf of Australia during Austral Summer 2011/2012; European Geosciences Union (EGU) General Assembly, 12/04/2015 - 17/04/2015, Vienna, Presenter(s): Jeff Book

Schaeffer, A, Gramouille, A, Mantovanelli, A, Roughan, M; Submesoscale meanders and frontal eddies along east Australian current observed by HF radars; 47th International Liege Colloquium on Ocean Dynamics Marine Environmental Monitoring, Modelling and Prediction, 04/05/2015 - 08/05/2015, Liege, Presenter(s): Amandine Schaeffer

Tilbrook, B, Jewett, L, Williamson, P, Newton, J, Isensee, K; Global ocean acidification observing network; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Bronte Tilbrook

Tilbrook, B, Steven, A, Neill, C, Baird, ME, Mongin, M; Ocean acidification and the carbonate chemistry of the Great Barrier Reef; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Bronte Tilbrook

Gavrilov, AS, McCauley, R, Charlton, C, Ward, R; Spot calls and its probable source; 3rd Underwater Acoustics Conference and Exhibition, 21/06/2015 - 26/06/2015, Crete, Presenter(s): Alexander Gavrilov

Schaeffer, A, Roughan, M; Influence of a western boundary current on shelf dynamics, upwelling and bio-physical variability from repeat glider deployments; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Amandine Schaeffer

Schaeffer, A, Roughan, M, Wood, JE; Cross-shelf dynamics, bottom boundary layer transport and upwelling on the continental shelf adjacent to the East Australian Current; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Amandine Schaeffer

van Sebille, E, Bull, C, Cetina-Heredia, P, Ypma, S, Roughan, M, England, MH; Variability in the Australian Boundary Currents: connecting the East Australian and Leeuwin Currents; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Erik van Sebille

Baird, ME, Mongin, M, Jones, EM; An integrating observational and modelling systems for the management of the Great Barrier Reef; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Mark Baird

Butler, E, Williams, DK, Patterson, R; Fluxes of nutrients and suspended solids at the marine boundary of a tropical macrotidal estuary, Darwin Harbour - observations and modelling; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): E Butler

Clementson, L, Lynch, T, Kelly, P, Moore, D, Kay, R; A systematic approach to providing high quality bio-optical data streams from moored observing systems over broad spatial and temporal scales - part II; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): L Clementson

Clementson, L, Lynch, T; Providing high quality chlorophyll-a data streams from moored observing systems over broad spatial and temporal scales - part II; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): L Clementson

Courtney, T, Spillman, CM; Coastal and oceanographic influences on the Queensland (Australia) east coast saucer scallop (*Amusium balloti*) fishery; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Tony Courtney

Eriksen, R, Bonham, P, Coman, F, et, al.; Using plankton data from National Reference Stations in the Australian Integrated Marine Observing System; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Ruth Eriksen

Everett, JD, Smith, J, Suthers, I, Taylor, M; Eastern king prawn dispersal in eastern Australia: new information from particle tracking; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Jason Everett

Feng, M, Benthuisen, J, Slawinski, D; Freshening of the Indonesian throughflow and the Leeuwin Current during the 2010-11 La Nina/Ningaloo Nino; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Ming Feng

Feng, M, Colberg, F, Slawinski, D, Berry, O, Babcock, R; Ocean circulation, larval retention, and connectivity among coral populations on the Northwest Shelf of Australia; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Ming Feng

Harrison, DE; Phytoplankton class selectivity of oligotrophic phytoplankton assemblages under nutrient enrichment; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): D Harrison

Jones, K, Strutton, P, Jones, N, Pequignet, C, Lowe, R, Book, JW, MacDonald, HS, Furnas, M; Ephemeral biological production in the oligotrophic North West Shelf, Western Australia; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Katherine Jones

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Lynch, T, Morello, E, Evans, K, Richardson, A, Rochester, W, et, al.; IMOS National Reference Stations: a continental-wide physical, chemical and biological coastal observing system; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Tim Lynch

Malthus, T; Where next with earth observation of coastal water quality?; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Tim Malthus

Patten, N, van Ruth, P; Picoplankton and virioplankton in offshore waters of the central Great Australian Bight; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Nicole Patten

Richardson, A, Rochester, W, Eriksen, R; Plankton 2015: as assessment of Australia's oceans using plankton as ecosystem indicators; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Anthony Richardson

Uribe-Palomino, J, Davies, C, Coman, F, et, al.; Composition and distribution of tintinnids in Australian marine waters; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Julian Uribe-Palomino

Vasile, R, et, al.; Validation of hydrodynamic ocean models using empirical data for the purpose of larval dispersal modelling; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Roxana Vasile

Weeks, S, Canto, M, Jaime, F, Brodie, J, Richardson, A; Unique sequence of events triggers manta ray feeding frenzy in the southern Great Barrier Reef, Australia; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Scarla Weeks

Ajani, P, Hallegraeff, GM, Kohli, G, Murray, S; Population structure of ecologically significant diatoms in south eastern Australia using microsatellite markers; Molecular Life of Diatoms, 07/07/2015 - 10/07/2015, Seattle, Presenter(s): Penny Ajani

Bodrossy, L; Microbial cycling in marine waters around Australia; Applied and Environmental Microbiology Gordon research Conference, 12/07/2015 - 17/07/2015, Massachusetts, Presenter(s): Lev Bodrossy

Baird, ME, Herzfeld, M, Wild-Allen, K, Margvelashvili, N, Skerratt, J, Mongin, M, Jones, EM, Rizwi, F, Robson, B; A coupled hydrodynamic, optical, sediment, biogeochemical model of coastal waters of the Great Barrier Reef: system behaviour and assessment; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Mark Baird

Benthuisen, J, Brinkman, GW, Tonin, H, Steinberg, C; Cool near-bottom intrusions in the Central Great Barrier Reef; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Jessica Benthuisen

Bluteau, C, Jones, N, Ivey, GN; The role of internal wave-driven near-bed turbulent dynamics on mixing and sediment mobilisation in the coastal ocean; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Cynthia Bluteau

Feng, M; Decadal increases of the Ningaloo Nino since mid-1990s; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Ming Feng

Hartlipp, P, Robertson, R, Bell, M; Observed internal tides on the continental shelf off eastern Australia; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): P Hartlipp

Hartlipp, P, Robertson, R; Internal Tides of Eastern Australia; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): P Hartlipp

Hartlipp, P, Robertson, R; Internal tides off eastern Australia; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): P Hartlipp

Johnson, R; Biogeophysical remote sensing of the Great Barrier Reef; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Robert Johnson

Jones, N, Strutton, P, Lowe, R, Falter, J, Jones, K; Closing the Nutrient Budget on the Australian Northwest Shelf; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Nicole Jones

Pequignet, C, Jones, N, Lowe, R, Ivey, GN, Book, JW, Brinkman, R, Steinberg, C, MacDonald, HS; Subtidal circulation on the Australian North West Shelf: Local versus remote forcing; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Christine Pequignet

Robertson, R, Hartlipp, P; Internal tides off eastern Tasmania and the T-Tide project; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Robin Robertson

Roughan, M, Kerry, C, Powell, B, Oke, PR; Observation Impact in Australia's Western Boundary Current; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Moninya Roughan

Roughan, M; Upwelling along southeastern Australia; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Moninya Roughan

Schaeffer, A, Roughan, M; Influence of the East Australian Current on shelf dynamics, upwelling and bio-physical variability from repeat glider deployments; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Amandine Schaeffer

Skerratt, J, Baird, ME, Mongin, M, Robson, B, Rizwi, F, Wild-Allen, K; The eReefs marine model suite: tools for better quantifying and understanding the Great Barrier Reef circulation and water quality; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Jenny Skerratt

Steinberg, C, Williams, DK, McAllister, F, Rigby, P, Spagnol, S, Brinkman, R, Benthuyzen, J, Pattiaratchi, C, Wijffels, S, Sloyan, B, Feng, M, Book, JW; Toward Sustained Ocean Observing across Tropical Northern Australian Shelf Seas; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Craig Steinberg

Wood, JE, Schaeffer, A, Roughan, M; Investigations into seasonal variability on the continental shelf adjacent to the East Australian Current; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Julie Wood

Roughan, M, Jones, EM, Oke, PR, Moltmann, T, May, P, Schiller, A; A National Shelf Re-analysis (ANSR) project for Australia; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Moninya Roughan

Ostrowski, M, Mazard, S, Varkey, D, Pitt, F, Scanlan, D, Paulsen, I; Lifestyle choices: Molecular analysis of niche adaptation in marine cyanobacteria; Gordon Conference on Molecular Marine Ecology, 02/08/2015 - 07/08/2015, Hong Kong, Presenter(s): Martin Ostrowski

Everett, JD, Smith, JA, Suthers, I, Taylor, M; Eastern king prawn dispersal in Eastern Australia: new information from particle tracking; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Jason Everett

McCauley, R; Definition of the blue whale species complex and their movements in Australian and Southern Ocean waters; 12th International Congress on Theoretical and Computational Acoustics, 11/10/2015 - 16/10/2015, Hangzhou, Presenter(s): Rob McCauley

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McLeay, L, Doubell, M, Dixon, C, Andreacchio, L, James, C, Luick, J, Middleton, J; A biophysical model to assess tradeoffs in larval recruitment and catch in Southern Australia's largest prawn fishery; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Lachlan McLeay

Tilbrook, B; Southern Ocean carbon and ocean acidification; Greenhouse, 27/10/2015 - 30/10/2015, Hobart, Presenter(s): Bronte Tilbrook

Robertson, R, Hartlipp, P; Acoustic Propagation off Eastern Australia; Australian Acoustical Society Conference, 15/11/2015 - 18/11/2015, Hunter Valley, Presenter(s): Robin Robertson

Tilbrook, B; Global ocean acidification monitoring; 2nd Session of the Executive Council of the Global Ocean Acidification Observing Network, 19/11/2015 - 20/11/2015, Monaco, Presenter(s): Bronte Tilbrook

Brown, MV, Bodrossy, L, Van De Kamp, J, Ostrowski, M, Seymour, JR, Bissett, A, Kahlke, T, Fitzgerald, A, Moltmann, T; Molecular time series and species distribution modelling reveal the long-term patterns of unseen organisms; C3 UTS Annual Colloquium on Functional Genetics of Phytoplankton, 26/11/2015 - 27/11/2015, Sydney Institute for Marine Science, Sydney, Presenter(s): Mark Brown

Fitzgerald, A; Bioplatforms Australia marine microbial biodiversity data resource; C3 UTS Annual Colloquium on Functional Genetics of Phytoplankton, 26/11/2015 - 27/11/2015, Sydney Institute for Marine Science, Sydney, Presenter(s): Anna Fitzgerald

Ostrowski, M, Mazard, S, Varkey, D, Pitt, F, Scanlan, D, Paulsen, I; A global perspective on local biogeography; C3 UTS Annual Colloquium on Functional Genetics of Phytoplankton, 26/11/2015 - 27/11/2015, Sydney Institute for Marine Science, Sydney, Presenter(s): Ian Paulsen

Moltmann, T; Australia's Integrated Marine Observing System (IMOS) - a decade of Indian Ocean observing; International Symposium on the Indian Ocean (IIOE-2), 30/11/2015 - 04/12/2015, Goa, Presenter(s): Tim Moltmann

Erbe, C; Listening to the ocean; Science Teachers' Association of Western Australia "Future Science Conference 2015", 04/12/2015 - 04/12/2015, Perth, Presenter(s): Christine Erbe

Keating, S; ACT Stochastic methods for interpolating satellite imagery; ANZIAM annual Conference, 07/02/2016 - 11/02/2016, Canberra, Presenter(s): Shane Keating

Benthuyzen, J, Tonin, H, Herzfeld, M; Freshening events and hypersaline conditions in the central Great Barrier Reef; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Jessica Benthuyzen

Ribbat, N; Drivers of variability across the inner shelf off Sydney; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Nina Ribbat

Schaeffer, A; Submesoscale frontal meanders and eddies along the East Australian Current observed by HF Radars; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Amandine Schaeffer

Benthuyzen, J, Tonin, H, Brinkman, R, Steinberg, C; Cool near-bottom intrusions in the Central Great Barrier Reef; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Jessica Benthuyzen

Book, JW, Steinberg, C, Jones, N, Lowe, R, Ivey, GN, Pattiaratchi, C, Rice, AE; Glider observations of internal tide packets on the Australian Northwest Shelf; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Jeff Book

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Doblin, MA, van Sebill, E; Plastic and evolutionary responses of plankton to environmental change are influenced by drift in ocean currents; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): M Doblin

Schaeffer, A, Mantovanelli, A, Gramouille, A, Roughan, M; Submesoscale frontal meanders and eddies along the East Australian Current observed by HF Radars; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Amandine Schaeffer

Begg, G, Middleton, J, Nayar, S, Doubell, M; SARDI Iceabigraphy: research and capabilities; South Australian Water Presentation, 03/03/2016 - 03/03/2016, Adelaide, Presenter(s): G Begg

Crossing, R; WAIMOS coastal moorings dynamics of ocean sensors; QC Summit, 07/03/2016 - 11/06/2016, Hobart, Presenter(s): R Crossing

van Ruth, P; Regional ecosystem monitoring to improve understanding of oyster productivity; South Australian Natural Resource Management Science Conference, 13/04/2016 - 15/04/2016, Adelaide, Presenter(s): Paul van Ruth

Mongin, M, Baird, ME, Tilbrook, B, Matear, R, Lenton, A, Herzfeld, M, Wild-Allen, K, Skerratt, J, Margvelashvili, N, Robson, B, Duarte, CM, Gustafsson, M, Ralph, P, Steven, A; The exposure of the Great Barrier Reef to ocean acidification; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): Mathieu Mongin

Robertson, R; Surface mixing and its implementation in regional ocean models; Japanese Geophysical Union Conference, 23/05/2016 - 25/05/2016, Chiba, Presenter(s): Robin Robertson

Brinkman, R, Tonin, H, Herzfeld, M, Rizwi, F, et, al.; Informing catchment management plans to improve coastal water quality: an application of numerical models and observing systems in the Great Barrier Reef; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Richard Brinkman

Dechnik, B, Webster, J, Nothdurft, L, Webb, GE, et, al.; Successive phases of reef flat development throughout the holocene: influence of hydrodynamic energy and sea-level change on the Great Barrier Reef; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): B Dechnik

Ajani, P, Kohli, G, Darling, AE, Liu, M, Ostrowski, M, Murray, S; Genome variability in the ecologically significant marine diatom *Leptocylindrus* (Bacillariophyta) in a southern hemisphere upwelling system; Society for Conservation Biology Symposium, 04/07/2016 - 10/07/2016, Brisbane, Presenter(s): Penny Ajani

Spencer, D, Brown, IW, Lemkert, C, Lee, SY; Could upwelling be enhancing short-term spanner crab (*Ranina ranina*) catchability?; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): David Spencer

Spillman, CM, Wachenfeld, D, Pearce, A, Pears, R; It's getting hot in here: Monitoring and predicting this summer's bleaching event on the Great Barrier Reef; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Claire Spillman

Steinberg, C, Benthuyssen, J, Herzfeld, M, Tonin, H, et, al.; Responding to the 2016 mass coral bleaching event on the Great Barrier Reef: from observations to modelling; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Craig Steinberg

Lara-Lopez, A; Australia's Integrated Marine Observing System (IMOS): helping to understand ocean acidification; 9th Annual NZOA Workshop, 08/07/2016 - 08/07/2016, Wellington, Presenter(s): Ana Lara-Lopez

Parsons, M, et, al.; Long-term monitoring of soundscapes and deciphering a usable index: Examples of spatio-temporal patterns in fish choruses from Australia as an analogue for a changing soundscape; The Effects of Noise on Aquatic Life, 10/07/2016 - 16/07/2016, Dublin, Presenter(s): Miles Parsons

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Ajani, P, Kohli, G, Darling, AE, Liu, M, Ostrowski, M, Murray, S; Genome variability in the ecologically significant marine diatom *Leptocylindrus* (Bacillariophyta) in a southern hemisphere upwelling system; Sydney Bioinformatics Research Symposium, 22/07/2016 - 22/07/2016, University of Sydney, Sydney, Presenter(s): Penny Ajani

Robertson, R, Hartlipp, P; Internal tides off eastern Australia; 13th Annual Meeting, Asia Oceania Geosciences Society (AOGS), 31/07/2016 - 05/08/2016, Beijing, Presenter(s): Robin Robertson

Robertson, R, Hartlipp, P; Wind, tidal and geothermal mixing on the Heard Island Plateau; 13th Annual Meeting, Asia Oceania Geosciences Society (AOGS), 31/07/2016 - 05/08/2016, Beijing, Presenter(s): Robin Robertson

Cahill, M; IMOS OceanCurrent web site; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Madeleine Cahill

Middleton, J; Physics to fisheries: IMOS data enables; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): John Middleton

Pattiaratchi, C; Coastal ocean observations for fisheries; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Charitha Pattiaratchi

Smith, JA; An evaluation of long-term monitoring of larval fish in eastern Australia; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): James Smith

Steinberg, C; Physical oceanographic influences on tropical reef and continental shelf fish from IMOS observations; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Craig Steinberg

Makarynskyy, O, Williams, DK; Assessing fluxes through oceanic boundary of Darwin Harbour; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Oleg Makarynskyy

Williams, DK, Smit, N, Siwabessy, PJW; Coastal observing systems in support of harbour operations and water quality management and habitat modelling, Northern Territory, Australia; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): David Williams

Robinson, C, Cherukuru, N, Hardman-Mountford, NJ, Everett, JD, McLaughlin, MJ, Davies, KP, van Dongen-Vogels, V, Ralph, P, Doblin, MA; Phytoplankton absorption predicts patterns in primary productivity in Australian coastal shelf waters; Ocean Optics XXIII Conference, 23/10/2016 - 28/10/2016, Victoria, Presenter(s): Charlotte Robinson

Doblin, MA; Physiological limits of marine microbes revealed by live cell analysis at sea; Australasian Cytometry Society Annual Conference, 30/10/2016 - 02/11/2016, Sydney, Presenter(s): M Doblin

McPherson, C, et, al.; Examining the value of the acoustic variability index in the characterisation of Australian marine soundscapes; Second Australasian Acoustical Societies Conference, 09/11/2016 - 11/11/2016, Brisbane

Book, JW, Jones, N, Lowe, R, Ivey, GN, et, al.; Propagation of internal tides on the Northwest Australian Shelf studied with time-augmented empirical orthogonal functions; 20th Australasian Fluid Mechanics Conference (AFMC), 05/12/2016 - 08/12/2016, University of Western Australia, Perth, Presenter(s): Jeff Book

Messer, L, Seymour, JR, Ostrowski, M, Bissett, A, Van De Kamp, J, Bodrossy, L, Brown, MV; Using network analysis to determine phytoplankton-bacteria interactions; C3 (Climate Change Cluster) Colloquium 2016 - Algae Bacteria Interactions, 08/12/2016 - 09/12/2016, Sydney, Presenter(s): Lauren Messer

Ostrowski, M, Bodrossy, L, Brown, MV, Van De Kamp, J, Seymour, JR, Bissett, A, Kahlke, T, Goossen, K, Fitzgerald, A, Moltmann, T; A continental-scale genomic observatory: a foundation for discovery and baseline for the next generation of ecosystem molecular tools; C3 (Climate Change Cluster) Colloquium 2016 - Algae Bacteria Interactions, 08/12/2016 - 09/12/2016, Sydney, Presenter(s): Martin Ostrowski

Archer, M, Roughan, M, Keating, S, Schaeffer, A; The East Australian Current, jet structure, meandering, influence on shelf circulation; AMOS/MSNZ Conference and ANZ Climate Forum 2017, 07/02/2017 - 10/02/2017, Canberra, Presenter(s): Matt Archer

Benthuisen, J, Furnas, M, Spagnol, S; Intrusive upwelling in the Central Great Barrier Reef; AMOS/MSNZ Conference and ANZ Climate Forum 2017, 07/02/2017 - 10/02/2017, Canberra, Presenter(s): Jessica Benthuisen

Schaeffer, A, Roughan, M; The depth structure of marine heat waves; AMOS/MSNZ Conference and ANZ Climate Forum 2017, 07/02/2017 - 10/02/2017, Canberra, Presenter(s): Amandine Schaeffer

Steinberg, C, Benthuisen, J, Tonin, H, et, al.; Marine heat wave leading to a mass coral bleaching event on the Great Barrier Reef: from monitoring to modelling; AMOS/MSNZ Conference and ANZ Climate Forum 2017, 07/02/2017 - 10/02/2017, Canberra, Presenter(s): Craig Steinberg

Denham, A, Feng, M, Caputi, N, de Lestang, S, et, al.; Optimising an oceanographic-larval model for assessment of the puerulus settlement of the western rock lobster, *Panulirus cygnus*, in Western Australia; 11th International Conference and Workshop on Lobster Biology and Management, 04/06/2017 - 09/06/2017, Maine, Presenter(s): Ainslie Denham

Seymour, JR, et, al.; Defining the Australian Ocean Microbiome with a continental-scale, sustained oceanographic observatory; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Justin Seymour

Bahmanpour, MH; Annual and Inter-annual variability of Holloway Current along the shelf edge of North-Western Australia; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Mohammad Bahmanpour

Baird, ME; The biogeochemical state of the Great Barrier Reef (2013-2016): results from a re-analysis using the eReefs model; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Mark Baird

Benthuisen, J; Extreme marine warming across tropical Australia during austral summer 2015-2016; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Jessica Benthuisen

Brinkman, R; Sustainable Development of the North's Blue Economy – the role of IMOS to date, and into the future; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Richard Brinkman

Feng, M; Climate drivers of marine heatwaves off the Kimberley coast; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Ming Feng

Griffin, DA, Oke, PR; Circulation of the Great Australian Bight: the influence of waves and the Leeuwin Current; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Peter Oke

Lara-Lopez, A; After a decade, what is new in IMOS?; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Ana Lara-Lopez

Marin, M; Intra-annual Variability of the North West Shelf of Australia and its Impact on the Holloway Current; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Ming Feng

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McCauley, R; Great whale presence in northern Australia based on passive acoustics; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Rob McCauley

McCosker, E; Influence of oceanographic conditions on coastal zooplankton assemblages at three IMOS National Reference Stations in Western Australia; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Erin McCosker

Middleton, J; The ocean circulation and dynamics of the Great Australian Bight: model results and validation; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): John Middleton

Parsons, M; Marine Soundscape Ecology: Throwing a snapper in the works; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Miles Parsons

Patten, N; Shifts in plankton community composition in the Great Australian Bight: New insights into food web dynamics; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Paul van Ruth

Richardson, A; A decade of IMOS Plankton Observations; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Anthony Richardson

Roughan, M; Insight into Continental Shelf Processes Along SE Australia from 10 years of IMOS observations; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Moninya Roughan

Schaeffer, A, Roughan, M; Sub-surface intensification of marine heat waves: the role of stratification and local winds; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Amandine Schaeffer

Skerratt, J; Changes in water quality from 2010 to 2016 throughout the Great Barrier Reef; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Mathieu Mongin

Steinberg, C; The Darwin National Reference Station: a sentinel for coastal waters in Northern Australia; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Craig Steinberg

Tonin, H; Mass Coral bleaching in the far northern region of the Great Barrier Reef and Torres Strait – a numerical modelling study; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Hemerson Tonin

Lara-Lopez, A, Moltmann, T, Proctor, R; Measuring and understanding change: IMOS initiatives and tools relevant to fish and fisheries; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Tim Moltmann

McLeay, L; What is driving changes in size at maturity (L50) in Australia's largest Southern Rock Lobster fishery?; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Lachlan McLeay

### Conference Poster

Heron, M, Roughan, M, Suthers, I, Banner, MML, Prytz, A, Page, G, Atwater, DP; Monitoring ocean parameters from an HF radar: case study at Coffs Harbour, Australia; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne

Pritchard, T, Krogh, M, Davies, P, Ingleton, T, Suthers, I, Roughan, M; Detecting climate change in the coastal waters off south east Australia - past, present and future; Greenhouse 2009: Climate Change and Resources, 23/03/2009 - 26/03/2009, Perth

James, C, Luick, J, Leterme, S, Middleton, J, Seuront, L; Seasonal variations in physical characteristics of the South Australian Shelf Waters - Results from the Southern Australian Integrated Marine Observing System (SAIMOS); European Geosciences Union (EGU) General Assembly, 19/04/2009 - 24/04/2009, Vienna

Seuront, L, Leterme, S, Middleton, J, Ridgway, K, Doherty, P, Bainbridge, S, Steinberg, C, Suthers, I, Roughan, M, Pattiaratchi, C, Thresher, A, Trull, T, Schulz, E, Wijffels, S, Williams, S, Allen, S, Heron, M, Harcourt, R, Proctor, R, Turner, P, Critchley, G, Richardson, A, Coman, F, Bonham, P, Terhell, D, Thompson, P, Tilbrook, B, Berry, K, Clementson, L, Robert, S, Lynch, T, Furnas, M, Roberts, K, Magierowski, R, Meyers, G; IMOS, an Integrated Marine Observing System for Australia; European Geosciences Union (EGU) General Assembly, 19/04/2009 - 24/04/2009, Vienna

Bainbridge, S, Steinberg, C, Heron, M, Rigby, P; The role of observation systems in coral reef monitoring and management; 2009 Joint Assembly, 24/05/2009 - 27/05/2009, Toronto

Morris, BD, Roughan, M, Suthers, I, Pritchard, T; Cross-shelf processes off the coast of NSW; Preliminary results from the NSW IMOS array; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Steinberg, C, McAllister, F, McLean, CM, Brinkman, GW, Pitcher, C, Luetchford, J, Rigby, P; The Great Barrier Reef Ocean Observing System: monitoring the Western Boundary Currents of the Coral Sea and impacts on the Great Barrier Reef; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

van Dongen-Vogels, V, Seymour, JR, Leterme, S, Seuront, L; Spatial and temporal dynamics in picophytoplankton community structure along a shelf plume (South Australia); Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Lynch, T, Steinberg, C, Brando, V, Roughan, M, Middleton, J, Hughes, D, Feng, M, McCauley, R, Wiltshire, M, Hill, K, Proctor, R, Allen, S, Meyers, G, Moltmann, T; The Australian National Mooring Network; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

McAllister, F, Steinberg, C, Brinkman, GW, Pitcher, C, Luetchford, J, Rigby, P; The Great Barrier Reef Ocean Observing System moorings array: monitoring Coral Sea impacts on the Great Barrier Reef; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

Roughan, M, Suthers, I, Pritchard, T, Meyers, G; NSW-IMOS an integrated marine observing system for south-eastern Australia: The East Australian Current and its interaction with coastal environments; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

Seuront, L, Leterme, S, Middleton, J, Bryne, M, James, C, Luick, J, Nedoncelle, K, Patterson, J, Teixeira, CEP, van Dongen-Vogels, V; Biophysical couplings in South Australian shelf waters under conditions of summer upwelling and winter downwelling: Results from the Southern Australian Integrated Marine Observing System (SAIMOS); OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

MacDonald, HS, Roughan, M, Baird, ME, Wilkin, J; Coupled physical-biological modelling of eddies off southeastern Australia; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Navong, N, James, C, Leterme, S; Impacts of upwelling events on the phytoplankton communities off the South Australian continental shelf; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Wood, JE, Roughan, M; Wind, temperature and current observations from a long term continental shelf mooring; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Ajani, P, Armand, L, Murray, S; Travelling through time: microalgal diversity in New South Wales, Australia; 14th International Conference on Harmful Algae, 01/11/2010 - 05/11/2010, Creta & Terra Maris Convention Center & Golf Resort, Crete

Davies, C, Bonham, P, Coman, F, Lynch, T, Slotwinski, A, Thompson, P, Tonks, M, Richardson, A; Plankton observing in Australia: the Australian National Reference Stations; 5th International Zooplankton Production Symposium, 14/03/2011 - 18/03/2011, Pucon

Slotwinski, A, Coman, F, Davies, C, Hosie, G, McLaughlin, J, McLeod, DJ, Tonks, M, Strzelecki, J, Richardson, A; Plankton observing in Australia: the Australian Continuous Plankton Recorder (AusCPR) survey; 5th International Zooplankton Production Symposium, 14/03/2011 - 18/03/2011, Pucon

Ajani, P, Armand, L, Murray, S; Travelling through time: microalgal diversity in New South Wales, Australia; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Kelly, SM, Jones, N, Ivey, GN, Brinkman, R, Lowe, R; Internal tides in the Timor Sea and on the Australian North West Shelf ; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Samuel Kelly

Galibert, G, McCarthy, P, Proctor, R, Roughan, M, Morello, E; A new toolbox for oceanographic data quality control and NETcdf formatting; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Roughan, M, Morris, BD, Schaeffer, A; Using high-resolution ocean timeseries data to give context to long term hydrographic sampling off Port Hacking, NSW, Australia; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Wood, JE, Roughan, M; Finding a proxy for wind stress over the coastal ocean off Sydney; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Schaeffer, A, Roughan, M, Morris, BD; Physical variability on the shelf off NSW Australia: new insights from the NSW Integrated Marine Observing System; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City

McCauley, R, Gavrilov, AS, Salgado Kent, C, Jenner, C, Jenner, M, Gedamke, J; Migratory habits of pygmy and Antarctic blue whales in Australian waters; Living Whales in the Southern Ocean: Advances in Methods for Non-lethal Cetacean Research, 27/03/2012 - 29/03/2012, Puerto Varas, Presenter(s): Rob McCauley

Rossi, V, Galibert, G, Wood, JE, Schaeffer, A, Sudre, J, Roughan, M, Waite, A; Spatio-temporal variability of sporadic upwelling events over the East Australian continental margin for the last decade; 10th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO) - Changing Southern Climates, 23/04/2012 - 27/04/2012, Noumea

Rigby, P, Steinberg, C, McAllister, F, Luetchrford, J, Bartlett, C, Tonin, H, Herzfeld, M; Q-IMOS observations of extreme marine conditions under Tropical Cyclone Yasi; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Paul Rigby

Zhong, L, Feng, M; Upper ocean heat balance off the West Coast of Australia; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Liejun Zhong

Steinberg, C, McAllister, F, Rigby, P, Luetchrford, J, Brinkman, GW, Bartlett, C, Brinkman, R, Tonin, H, Herzfeld, M; Q-IMOS monitoring of currents along the outer Great Barrier Reef; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns

Verspecht, F, Pattiaratchi, C, Mihanovic, H, Simpson, J; Sea breezes force near-inertial waves close to the critical latitude for resonance; The Physics of Estuaries and Coastal Seas (PECS) Symposium, 12/08/2012 - 16/08/2012, New York, Presenter(s): Florence Verspecht

Book, JW, Burrage, DM, Chu, P, Rice, AE, Richman, J, Rowley, C, Brinkman, R, Luetchford, J, Steinberg, C, Ivey, GN, Jones, N, Kelly, SM, Lowe, R, Pattiaratchi, C, Rayson, MD, Ayers, J, Strutton, P; Observations and modelling of the North West Shelf of Australia during Austral summer ; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Jeff Book

Doubell, M, James, C, Luick, J, Middleton, J; Development and application of ROMS based models for the South Australian region; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Mark Doubell

Tonin, H, Steinberg, C, Rigby, P, Brinkman, R, Herzfeld, M; Q-IMOS and eReefs: a partnership to monitor the currents along the Great Barrier Reef; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Hemerson Tonin

Wijeratne, S, Pattiaratchi, C, Proctor, R; Modelling meso-scale dynamics along western and southern Australian shelf and slopes: A ROMS modelling approach; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Sarath Wijeratne

Schaeffer, A, Roughan, M, Morris, BD; Cross-shelf dynamics in the East Australian Current from a coastal mooring array: implications for upwelling; Gordon Research Conference, 08/06/2013 - 09/06/2013, Madgwick, Presenter(s): Amandine Schaeffer

Ajani, P, Allen, A, Ingleton, T, Armand, L; A decadal decline in abundance and a shift in microphytoplankton composition at a long-term coastal station off southeast Australia; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Penny Ajani

Buchanan, PJ, Swadling, K, Eriksen, C, Wild-Allen, K; New evidence links changing shelf phytoplankton communities to boundary currents in southeast Tasmania; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): P Buchanan

Bell, M, Robertson, R; Internal tides off the Eastern Australian coast and their seasonal variability as observed by moorings; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Robin Robertson

Boettger, D, Robertson, R; Internal waves in the waters off East Australia; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Robin Robertson

Doubell, M, Middleton, J, Spencer, D, Lemkert, C; Salt-finger enhanced mixing and vertical nutrient fluxes on Australia's southern shelf: microstructure observations during the 2012 summertime upwelling; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Mark Doubell

Feng, M, Lumley, M; Shelf temperature observations off Rottnest, Western Australia since 1950; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Ming Feng

Luick, J, Mao, Y; Circulation in the Southern Great Barrier Reef studied through an integration of multiple remote sensing and in-situ measurements; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): John Luick

Roughan, M, Schaeffer, A, Kioroglou, S; Assessing the design of the NSW-IMOS moored observation array from 2008-2013: recommendations for the future; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Moninya Roughan

Schaeffer, A, Roughan, M; Topics in Australian marine science: introducing MSc students to regional oceanography using NSW-IMOS data; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Amandine Schaeffer

Jones, K, Strutton, P, Furnas, M; Enhanced biological production from tropical cyclones and ephemeral weather events in an oligotrophic coastal system; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Peter Strutton

Moltmann, T, Proctor, R, Donoghue, S; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

Pequignet, C, MacDonald, HS, Book, JW, Jones, N, Ryan, RJ; Spatial and temporal variability of the regional-scale circulation on the Australian North West Shelf; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Christine Pequignet

Roughan, M, Schaeffer, A, Kioroglou, S; Assessing the design of the NSW-IMOS moored observation array from 2008-2013: recommendations for the future; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Moninya Roughan

Kelly, P, Clementson, L, Swadling, K; Drivers of Eastern Australia zooplankton community composition: emphasis on the distribution patterns at Maria Island; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Paige Kelly

Bodrossy, L, Van De Kamp, J, Abell, GJC, Brown, MV, Seymour, JR, Moltmann, T, Frampton, DM, Coman, F, Davies, C; From Queensland to Tasmania - a one-year pilot project in microbial oceanography; 15th International Symposium on Microbial Ecology, 24/08/2014 - 29/08/2014, Seoul, Presenter(s): Lev Bodrossy

Benthuisen, J, Feng, M, Zhong, L; Spatial patterns of warming off Western Australia during the 2011 Ningaloo Nino: quantifying impacts of remote and local forcing; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Colberg, F, Slawinski, D, Feng, M; A higher resolution model of shelf circulation and marine connectivity of the north-west shelf; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Feng, M, Benthuisen, J, Slawinski, D; La Nina causes extreme freshening of the Leeuwin Current; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Kerry, C, Roughan, M, Powell, B; A high resolution re-analysis for the East Australian Current; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Pattiaratchi, C, Bahmanpour, MH, Wijeratne, S, Steinberg, C, D'Adamo, N; The Holloway Current along North-West Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Pattiaratchi, C, Mihanovic, H; Peddies: what, where, why?; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Rigby, P, Steinberg, C, Williams, DK, Brinkman, GW, Brinkman, R, Tonin, H, Hughes, D; Real-time marine observing systems: challenges, benefits and opportunities in Australia's northern tropical seas; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Robson, B, Rizwi, F, Geoffroy, L, Brebion, J, Baird, ME, Skerratt, J, Mongin, M, Wild-Allen, K, Jones, EM, Margvelashvili, N, Herzfeld, M; The eReefs relocatable biogeochemical model (RECOM) and its parameter libraries; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Schaeffer, A, Roughan, M; Marine Virtual Laboratory (MARVL) high-resolution ROMS test: the East Australian Current at 30 degrees South in Solitary Island Marine Park (SIMP) ; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

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Verspecht, F, Mihanovic, H, Pattiaratchi, C; Sea breeze force near-inertial waves on Rottneest Shelf, Western Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Wijeratne, S, Pattiaratchi, C, Proctor, R; Estimates of alongshore and cross-shelf transports around Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Sarath Wijeratne

Pattiaratchi, C, Steinberg, C, Wijeratne, S, Bahmanpour, MH, D'Adamo, N; The Holloway Current along North-West Australia; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Mohammad Bahmanpour

Steinberg, C, Williams, DK, McAllister, F, Rigby, P, Spagnol, S, Brinkman, R, Benthuyesen, J, Pattiaratchi, C, Wijffels, S, Sloyan, B, Feng, M; Toward sustained ocean observing across tropical northern Australian shelf seas; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Craig Steinberg

Rigby, P, Steinberg, C, Williams, DK, Brinkman, GW, Brinkman, R, Tonin, H, Hughes, D; Real-time Marine Observing Systems in Australian Tropical Seas; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Paul Rigby

Cahill, M, Griffin, DA; IMOS OceanCurrent gridded sea level and ocean surface velocity; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Madeleine Cahill

Middleton, J, Schulz, E, et, al.; eSAMarine - phase 1: the first step towards an operational now-cast/forecast ocean prediction system for Southern Australia; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): John Middleton

Rigby, P, Steinberg, C, Williams, DK, Brinkman, GW, McAllister, F, Spagnol, S, Luetchrford, J, Bartlett, C, Brinkman, R, Tonin, H, Hughes, D; Real-time marine observing systems: challenges, benefits and opportunities in Australian coastal waters; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Paul Rigby

Roughan, M, Kerry, C, Powell, B, Oke, PR; Using multiple ocean observations to constrain a high-resolution model of the East Australian Current; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Moninya Roughan

Skerratt, J, Baird, ME, Mongin, M, Robson, B, Rizwi, F, Wild-Allen, K; The eReefs marine model suite: tools for better quantifying and understanding the Great Barrier Reef circulation and water quality; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Jenny Skerratt

Steinberg, C, Williams, DK, McAllister, F, Rigby, P, Spagnol, S, Brinkman, R, Benthuyesen, J, Pattiaratchi, C, Wijffels, S, Sloyan, B, Feng, M, Book, JW; Toward sustained ocean observing across tropical northern Australian shelf seas; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Craig Steinberg

Balcazar, N, Klinck, H, Nieukirk, S, Mellinger, D, Tripovich, J, Dziak, R; Acoustics reveals the population structure of the elusive blue whale; 2015 Ecological Society of America (ESA) Annual Meeting, 09/08/2015 - 14/08/2015, Baltimore, Presenter(s): Naysa Balcazar

Bahmanpour, MH, Pattiaratchi, C, Wijeratne, S, Steinberg, C, D'Adamo, N; Circulation along the north west shelf of Australia; International Coastal Symposium, 06/03/2016 - 11/03/2016, Sydney, Presenter(s): Mohammad Bahmanpour

Bahmanpour, MH, Pattiaratchi, C, Wijeratne, S, Steinberg, C, D'Adamo, N; Multi-year observation of a boundary current along the shelf edge of North Western Australia; 14th International Coastal Symposium, 06/03/2016 - 11/03/2016, Sydney, Presenter(s): Mohammad Bahmanpour

Spencer, D, Brown, IW, Lemkert, C; A new perspective on the effects of ambient temperature on spanner crab (*Ranina ranina*) catchability in South East Queensland; 13th Annual Meeting, Asia Oceania Geosciences Society (AOGS), 31/07/2016 - 05/08/2016, Beijing, Presenter(s): David Spencer



Benthuisen, J, Tonin, H, Herzfeld, M; Freshening events and hypersaline conditions in the central Great Barrier Reef; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Everett, JD, Richardson, A, Baird, ME, et, al.; Bridging the zooplankton gap between models and observations: the IMOS Zooplankton Ocean Observations and Modelling Task Team (ZOOM); Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Makarynskyy, O, Williams, DK, Makarynska, D, Negri, A; Using data from NRS Darwin for improved hydrodynamic and hydrocarbon spill modelling assessments; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Ribbat, N, Roughan, M, Powell, B; Mean circulation on the continental shelf off South-East Australia 31.5-34.5: the Hawkesbury Bioregion 2012-2013; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Tonin, H, Steinberg, C, Brinkman, R, Evans-Illidge, L; Improving water security for Great Palm Island - a preliminary study towards implementation of desalination plant; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Hemerson Tonin

Wijeratne, S, Pattiaratchi, C, Proctor, R; ozROMS - a high resolution 16 year re-analysis product for Australian and Indonesian Seas; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Yeung, V, Everett, JD, Richardson, A, Suthers, I; Quantifying the oceanographic and seasonal patterns of zooplankton size-structure at the IMOS National Reference Stations; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Cancet, M, Griffin, DA, Lyard, F, et, al.; Assessment of the FES2014 tidal current atlas around Australia; Ocean Surface Topography Science Team (OSTST) Meeting, 31/10/2016 - 04/11/2016, La Rochelle, Presenter(s): Mathilde Cancet

Badis, Y, Klochova, T, Strittmatter, M, Garvetto, A, Murua, P, Ostrowski, M, et, al.; Hidden diversity in the oomycete genus *Olpidiopsis* is a global threat to red algal cultivation; Oomycete Molecular Genetics Network Annual Meeting, 11/03/2017 - 14/03/2017, Asilomar, Presenter(s): Yacine Badis

Rocha, C, Roughan, M; Towards biogeochemical modelling of the East Australian Current system; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Carlos Rocha

### **Course Presentation**

Suthers, I; Observations and implications at the two separation zones of the East Australian Current (EAC); Topics in Australian Marine Science (TAMS) Workshop, 06/03/2014 - 30/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Iain Suthers

McCauley, R, et, al.; Through water communications & sonar performance; Defence Science, Engineering and Technology Seminars, 27/10/2016 - 27/10/2016, Melbourne, Presenter(s): Rob McCauley

### **Meeting Presentation**

Pattiaratchi, C; Physical oceanography in South-Western Australia; Australasian Abalone Association Meeting, 10/05/2007 - 10/05/2007, Perth, Presenter(s): Charitha Pattiaratchi

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Pattiaratchi, C; The UWA Oceans Institute and IMOS (Integrated Marine Observing System); IMarEST WA Branch Meeting, 20/04/2011 - 20/04/2011, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Moltmann, T, Feng, M; WA IMOS; Indian Ocean Panel Meeting, 26/07/2011 - 28/07/2011, Chennai

Feng, M; Indian Ocean Observing System; IOGOOS Marine Observation and Forecast Meeting, 30/03/2012 - 30/03/2012, Perth, Presenter(s): Ming Feng

Wood, JE, Roughan, M; The origin and variability of major cold water events observed off Sydney; European Geosciences Union (EGU), 21/04/2012 - 27/04/2012, Vienna, Presenter(s): Julie Wood

Bondarenko, O, Pattiaratchi, C, Hanson, CE, Gavrilov, AS, Feng, M; The behavioural ecology of pygmy blue whales in the Perth Canyon; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Olga Bondarenko

Feng, M, McPhaden, M, Xie, S, Hafner, J, Pearce, A; La Nina forces unprecedented Leeuwin Current warming, as captures by IMOS observations; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Ming Feng

McCauley, R, Gavrilov, AS; Long-term trends in vocal characteristics of blue whales in Australia; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Alexander Gavrilov

Pattiaratchi, C, Steinberg, C, D'Adamo, N; The Holloway Current - evidence from IMOS North-west moorings; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Raes, E, McInnes, AS, Strutton, P, Phillips, H, Waite, A; Dinitrogen fixation along the coast of WA and the usage of IMOS data; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Eric Raes

Slawinski, D, Feng, M, Darby, I; Rottnest NRS: a long-term perspective for the future; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Dirk Slawinski

Steinberg, C, Spagnol, S, Rigby, P, McAllister, F, Williams, DK, Brinkman, R, Pattiaratchi, C, Jones, N, Book, JW; WAIMOS Mooring Observations of the North West Shelf; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Craig Steinberg

Thomson, P, Driessen, D, Doblin, MA, Clementson, L, Thompson, P; Picoplankton abundance from IMOS National Reference Stations mark extreme weather events in Australian coastal waters; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Paul Thomson

Pattiaratchi, C; Ocean observations: new ideas; Oceans Institute Retreat, 08/02/2013 - 08/02/2013, Perth, Presenter(s): Charitha Pattiaratchi

Middleton, J; SAIMOS Update; PIRSA Public Meeting Series, 25/02/2013 - 28/02/2013, Adelaide, Presenter(s): John Middleton

McCauley, R; Demonstration of IMOS Passive Acoustics web interface; Southern Ocean Research Partnership/International Whaling Commission pre-scientific meeting, 31/05/2013 - 02/06/2013, Jeju Island, Presenter(s): Rob McCauley

Tilbrook, B, Steven, A, Akl, J, Berry, K, Lenton, A, Neill, C, et, al.; Seawater carbonate chemistry and acidification; Carbon Cluster Meeting, 28/11/2013 - 29/11/2013, Stradbroke Island, Presenter(s): Bronte Tilbrook

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Munoz Mas, C, Steinberg, C, Coleman, G, McAllister, F, Rigby, P, Tonin, H; IMOS profiling CTD Data: implementation of an automated post-processing method; Australian National Mooring Network QC Summit Meeting, 11/12/2013 - 12/12/2013, Hobart, Presenter(s): C Munoz Mas

Steinberg, C, Brinkman, R, Babcock, R, Wild-Allen, K; Q-IMOS and eReefs update; FRDC project 2013/020 Physical Oceanographic Influences on Queensland Reef Fish and Scallops. Steering Committee Meeting, 13/12/2013 - 13/12/2013, Brisbane, Presenter(s): Craig Steinberg

Steinberg, C; Queensland Integrated Marine Observing System (Q-IMOS); FRDC project 2013/020 Physical Oceanographic Influences on Queensland Reef Fish and Scallops. Steering Committee Meeting, 13/12/2013 - 13/12/2013, Brisbane, Presenter(s): Craig Steinberg

MacDonald, HS, Ivey, GN, Jones, N, Lowe, R, Pequignet, C; Cyclone Modelling on the Australian North West Shelf; ASLO AGU TOS 2014 Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Helen MacDonald

Pattiaratchi, C; Peddies (petite eddies): sub-mesoscale eddies along the continental shelf off South-West Australia; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Charitha Pattiaratchi

Waite, A; Coastal particle injection into a forming mesoscale eddy in the Eastern Indian Ocean - impacts on oxygen and nitrogen dynamics; University of Western Australia Seminar, 21/03/2014 - 21/03/2014, University of Western Australia, Perth, Presenter(s): Anya Waite

Waite, A; Biological oceanography of western rock lobster larvae: living on the edge of the predator pit?; Murdoch University Seminar, 17/04/2014 - 17/04/2014, Perth, Presenter(s): Anya Waite

Shadwick, E, Trull, T, Tilbrook, B, et, al.; Seasonality of biological and physical controls on surface CO<sub>2</sub> from hourly observations at the Southern Ocean Time Series site, south of Australia; ACE-CRC Annual Symposium, 04/06/2014 - 04/06/2014, Hobart, Presenter(s): E Shadwick

Tilbrook, B; Carbon observing system requirements for the Southern Ocean; Southern Ocean Observing System 3rd Scientific Steering Committee Meeting, 18/06/2014 - 20/06/2014, Tromso, Presenter(s): Bronte Tilbrook

Bodrossy, L, Van De Kamp, J, Abell, GJC, Brown, MV, Seymour, JR, Moltmann, T, Frampton, DM, Coman, F, Davies, C; From Queensland to Tasmania - a one-year pilot project in microbial oceanography; Singapore Interactive Meeting on Microbial Ecology Research, 22/08/2014 - 23/08/2014, Singapore, Presenter(s): Lev Bodrossy

Messer, L, Jeffries, TC, Mahaffey, C, Doubell, M, Doblin, MA, Brown, MV, Seymour, JR; Diazotroph dynamics across Australia's oligotrophic oceans; Singapore Interactive Meeting on Microbial Ecology Research, 22/08/2014 - 23/08/2014, Singapore, Presenter(s): Lauren Messer

Steinberg, C, Moltmann, T; Australia's Integrated Marine Observing System; Joint WMO-IOC Commission for Oceanography and Marine Meteorology DBCP PI-1, 04/05/2015 - 07/05/2015, Koror, Presenter(s): Craig Steinberg

Steinberg, C; Ocean Observing Design on Coral Reefs and Archipelagos: 3 case studies Scott Reef, Indian Ocean, Great Barrier Reef & Palau; Joint WMO-IOC Commission for Oceanography and Marine Meteorology DBCP PI-1, 04/05/2015 - 07/05/2015, Koror, Presenter(s): Craig Steinberg

Steinberg, C; Australia's Integrated Marine Observing System; GOOS Steering Committee 4, 24/05/2015 - 26/05/2015, Australian Institute of Marine Science, Townsville, Presenter(s): Craig Steinberg

van Dongen-Vogels, V, Matear, R, Cherukuru, N, Hardman-Mountford, NJ, McLaughlin, J, Westwood, KJ, Doblin, MA, Thompson, P; Modelling primary production in Australian waters; IMOS Bio-Optical Working Group Workshop, 01/07/2015 - 03/07/2015, Perth, Presenter(s): Virginie van Dongen-Vogels

Messer, L, Mahaffey, C, Jeffries, TC, Doblin, MA; Biogeography of nitrogen fixers in Australia's coastal ocean; Australian Society for Microbiology Annual Scientific Meeting, 13/07/2015 - 15/07/2015, Canberra, Presenter(s): Lauren Messer

Hartlipp, P, Robertson, R, Bell, M; Observed internal tides on the continental shelf off eastern Australia; AOGS - Asia Oceania Geosciences Annual Meeting, 31/07/2015 - 05/08/2015, Singapore, Presenter(s): P Hartlipp

Hartlipp, P, Robertson, R; Tidal impacts off eastern Australia; AOGS - Asia Oceania Geosciences Annual Meeting, 31/07/2015 - 05/08/2015, Singapore, Presenter(s): P Hartlipp

Robertson, R, Hartlipp, P; Internal tides off eastern Tasmania and the T-Tide project; AOGS - Asia Oceania Geosciences Annual Meeting, 31/07/2015 - 05/08/2015, Singapore, Presenter(s): Robin Robertson

Tilbrook, B, Steven, A, Neill, C, Berry, K, Passmore, A; Future Reef MAP; Rio Tinto and Great Barrier Reef Foundation meeting, 29/10/2015 - 29/10/2015, Brisbane, Presenter(s): Bronte Tilbrook

Kerry, C, Roughan, M, Powell, B, Oke, PR; Observation impact in Australia's Western Boundary Current; 6th Annual Meeting of the GODAE Ocean view Science Team (GOVST-VI), 02/11/2015 - 06/11/2015, Sydney, Presenter(s): Colette Kerry

Roughan, M, Moltmann, T; IMOS; 6th Annual Meeting of the GODAE Ocean view Science Team (GOVST-VI), 02/11/2015 - 06/11/2015, Sydney, Presenter(s): Moninya Roughan

Steinberg, C, Williams, DK, McAllister, F, Rigby, P, Spagnol, S, Skirving, WJ, Bird, J, Brinkman, R; Queensland and Northern Australia's Integrated Marine Observing System and the tidal hydrodynamics of a coral bleaching event; Don Wallace Memorial Lecture Permanent Committee on Tides and Mean Sea Level, 02/11/2015 - 02/11/2015, Cairns, Presenter(s): Craig Steinberg

Middleton, J, Doubell, M; SARDI oceanographic fisheries research and opportunities; FRDC Board Presentation, 15/02/2016 - 15/02/2016, South Australian Sardine Industry Association, Adelaide, Presenter(s): John Middleton

Keating, S; Flavours of Baroclinic instability in the global ocean; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Shane Keating

Schroeder, T; Updates from the IMOS ocean colour sub-facility and the ANMN bio-optics project; QC Summit, 07/03/2016 - 11/06/2016, Hobart, Presenter(s): Thomas Schroeder

Steinberg, C; Australia's marine observing services; Pacific Meteorological Council Second Pacific Islands Marine Observing Services Panel Meeting, 23/05/2016 - 23/05/2016, Noumea, Presenter(s): Craig Steinberg

Doblin, MA; Exploring the ocean microbiome once cell at a time; Sydflow meeting, 29/05/2016 - 29/05/2016, Sydney, Presenter(s): M Doblin

McCauley, R; The use of passive acoustics to study marine fauna with a focus on eastern Indian Ocean pygmy blue whales; Society for underwater Technology Evening Technical Meeting, 08/06/2016 - 08/06/2016, Perth, Presenter(s): Rob McCauley

Zhang, Y; IMOS passive acoustic data for sonar performance evaluation; DSTG Adelaide presentation, 22/11/2016 - 22/11/2016, Adelaide, Presenter(s): Y Zhang

Ma, J, Feng, M; Model-based design of the overturning circulation observation strategies; IIOE-2 Steering Committee Meeting No 1, 02/02/2017 - 04/02/2017, Perth, Presenter(s): Jie Ma

Ingleton, T, Seymour, JR, Suthers, I, Ajani, P, Armbrrecht, L, Messer, L, Brown, C, Focardi, A, Ostrowski, M, O'Brien, J, Laverock, B, Petrou, K; Port Hacking National Reference Station update and the next 5 years; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s):

Tim Ingleton

Kinsela, M, Ingleton, T, Morris, BD; Mini-wave rider deployment program for NSW coast; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): M Kinsela

Ostrowski, M; A marine microbial observatory: BPA marine microbes - Pelagic project; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Martin Ostrowski

Roughan, M, Austin, T, Milburn, S, Archer, M; Gliders, moorings and Port Hacking heatwaves ; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Moninya Roughan

Thomas, T; A marine microbial observatory: BPA marine microbes - Benthic project; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): T Thomas

Bodrossy, L; Genomics for estuarine status assessment; National Estuarine Network meeting, 22/05/2017 - 22/05/2017, Townsville, Presenter(s): Lev Bodrossy

Steinberg, C, Tonin, H, Herzfeld, M, et, al.; A Torres Strait and Northern Great Barrier Reef Persistent Thermal Refugia from Mass Coral Bleaching; 98th Annual Meeting American Association for the Advancement of Science Pacific Division, 19/06/2017 - 23/06/2017, Waimea, Presenter(s): Craig Steinberg

Benthuisen, J; Oceanography of Northern Australia; temperature loggers, moorings, gliders, and thermosalinograph results highlighted; Dhimurru Aboriginal Corporation, 20/06/2017 - 20/06/2017, Nhulunbuy, Presenter(s): Jessica Benthuisen

Benthuisen, J; Oceanography of Northern Australia; temperature loggers, moorings, gliders, and thermosalinograph results highlighted; Anindilyakwa Land and Sea Rangers, 21/06/2017 - 21/06/2017, Alyangula, Presenter(s): Jessica Benthuisen

Moltmann, T; IMOS observations for coasts and extremes (Meeting Nov 2014); CAWCR, Melbourne, Presenter(s): Tim Moltmann

### **Plenary Address**

Roughan, M; Continental shelf processes along the coast of southeastern Australia; Australian Hydrographers Association Annual Meeting, 31/10/2014 - 31/10/2014, Sydney, Presenter(s): Moninya Roughan

### **Symposium Presentation**

Andrefouet, S, Muller-Karger, F, Sheng, J, Steinberg, C, Douillet, P, Soto, I, Hatcher, BG, Ouillon, S, Yang, B, Choukroun, S, Dirbeg, G, Kranenberg, C, Moses, C; Interdisciplinary environmental assessments of coral reefs using remote sensing and numerical circulation models; 11th International Coral Reef Symposium, 07/07/2008 - 11/07/2008, Fort Lauderdale

Weeks, S, Steinberg, C, Congdon, BC; Whirlpools, hot water and hungry seabirds; 11th International Coral Reef Symposium, 07/07/2008 - 11/07/2008, Fort Lauderdale

Roughan, M, Suthers, I; Measuring the coastal ocean off Northern NSW: Coffs Harbour; Climate Change Symposium, 03/06/2009 - 04/06/2009, Melbourne

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Pattiaratchi, C; Node 3: oceanographic processes and water circulation; WAMSI 1 Symposium, 19/09/2011 - 19/09/2011, Perth, Presenter(s): Charitha Pattiaratchi

Tilbrook, B, Currie, K; New Zealand and Australian integrated network for sustained observations of ocean carbon fluxes and acidification; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Bronte Tilbrook

Tilbrook, B, Currie, K, Smith, M; Sustained observing network for ocean carbon and acidification; Australia-NZ Symposium, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Bronte Tilbrook

Feng, M; Climate extremes in regional oceans off western Australia; CMAR Science Symposium - Science, Impacts, Possibilities, 20/03/2012 - 22/03/2012, Hobart, Presenter(s): Ming Feng

Feng, M; The marine heat wave off WA; CMAR Science Symposium - Science, Impacts, Possibilities, 20/03/2012 - 22/03/2012, Hobart, Presenter(s): Ming Feng

Babcock, R, Haywood, M, Williams, S; Submerged subtropical kelp habitat and the seasonal dynamics of the EAC; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Russ Babcock

Feng, M, McPhaden, M, Xie, S, Pearce, A; An extraordinary marine heat wave event off the west coast of Australia; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ming Feng

Gillibrand, P, Mongin, M, Cahill, M, Tilbrook, B, Steinberg, C; Wave- and wind-driven circulation over Heron Island Lagoon in the Southern Great Barrier Reef: A Model Study; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart

Lynch, T, Clementson, L, Kay, R, Roughan, M, Galibert, G, Brando, V, Doblin, MA; Systematic approach to reducing uncertainties in bio-optical data streams in a sustained observing system; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Tim Lynch

Thomson, P, Driessen, D, Doblin, MA, Clementson, L, Thompson, P; Picoplankton abundances from IMOS National Reference Stations mark seasonal changes and extreme weather events in Australian coastal waters; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Paul Thomson

Thresher, RE, Fallon, S, Neil, H, Morrongiello, J; Inferred changes in the EAC since the mid-1800s: trans-Tasman coral proxy records and evidence of changing fish growth; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ronald Thresher

Underwood, M, Kay, R; Observations following a decade of calibrating oceanographic instruments; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Mark Underwood

Wood, JE, Roughan, M, Morris, BD; Mean circulation, inter-annual, seasonal and monthly variability on the Sydney shelf; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Moninya Roughan

Middleton, J; Achievements of the Oceanography Program at SAIMOS; Marine Innovation Southern Australia Symposium, 30/11/2012 - 30/11/2012, Port Lincoln, Presenter(s): John Middleton

Pattiaratchi, C; The influence of the Leeuwin current on wave propagation onto the continental shelf off south-west Australia; 2nd Australian Wind-Wave Symposium, 04/06/2013 - 05/06/2013, Melbourne, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Integrated Marine Observing System infrastructure in north-west Australia; WAMSI North-West Marine Science Symposium, 21/02/2014 - 21/02/2014, Perth, Presenter(s): Charitha Pattiaratchi

van Ruth, P, Kloser, R; Pelagic ecosystem and environmental drivers; Great Australian Bight Research Program Annual Symposium, 18/11/2014 - 19/11/2014, Adelaide, Presenter(s): Paul van Ruth

Caputi, N, de Lestang, S, Feng, M, et, al.; Decline in puerulus settlement in the western rock lobster fishery in Western Australia: a climate change effect?; Third International Symposium of Effects of Climate Change on the World's Oceans, 21/03/2015 - 27/03/2015, Santa Barbara, Presenter(s): Nick Caputi

Caputi, N, Denham, M, Kangas, M; The effect of an extreme marine heat wave on invertebrate fisheries in Western Australia; Third International Symposium of Effects of Climate Change on the World's Oceans, 21/03/2015 - 27/03/2015, Santa Barbara, Presenter(s): Nick Caputi

Brown, MV, Ostrowski, M, Seymour, JR, Van De Kamp, J, Kahlke, T, Craw, P, Moltmann, T, Bodrossy, L; A continental scale genomic ocean monitoring network: the Australian Marine Microbiology Biodiversity Initiative; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Mark Brown

Feng, M; The Leeuwin Current and Ningaloo Nino; International Symposium on the Indian Ocean (IIOE-2), 30/11/2015 - 04/12/2015, Goa, Presenter(s): Ming Feng

Baldry, K, Hardman-Mountford, NJ, Greenwood, J, Tilbrook, B; Remotely-sensed estimation of alkalinity in coastal waters around Australia; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): K Baldry

Conde-Pardo, P, Tilbrook, B; Biogeochemical change in the Southern Ocean, South of Tasmania; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): Paula Conde-Pardo

Davidson, S, Westwood, KJ, Thomson, P, Deppeler, S, Pascoe, P, Wright, SW, Pearce, I, Van den Enden, M, Johnson, R, Schulz, K, Tilbrook, B, De Salas, M; Variability in response of Antarctic marine microbes to enhanced pCO2 ; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): S Davidson

Hardman-Mountford, NJ, Greenwood, N, Tilbrook, B; Relative potential impacts of local and global CO2 release: comparison of natural variability and trends to carbon capture and storage; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): Nick Hardman-Mountford

Mongin, M, Baird, ME, Hadley, S, Lenton, A; Optimising island-scale buffering of ocean acidification; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): Mathieu Mongin

Kloser, R, van Ruth, P; Theme 2 - Pelagic ecosystems and environmental drivers; Great Australian Bight Research Project Annual Symposium, 01/08/2016 - 01/08/2016, Adelaide, Presenter(s): Rudy Kloser

Middleton, J, Griffith, G; Theme 1 - Oceanography and waves; the Sciences that underpin; Great Australian Bight Research Project Annual Symposium, 01/08/2016 - 01/08/2016, Adelaide, Presenter(s): John Middleton

Bodrossy, L, Brown, MV, Van De Kamp, J, Ostrowski, M, Seymour, JR, Bissett, A, Kahlke, T, Goossen, K, Fitzgerald, A, Moltmann, T; The Australian marine microbial biodiversity initiative: establishing a continental scale, long term microbial oceanography observatory; 16th International Symposium on Microbial Ecology (ISME), 21/08/2016 - 26/08/2016, Montreal, Presenter(s): Lev Bodrossy

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Messer, L, Brown, MV, Schaeffer, A, Siboni, N, Jeffries, TC, Ingleton, T, Mahaffey, C, Seymour, JR; A subtropical western boundary current drives the phenology of nitrogen fixation in temperate coastal waters; 16th International Symposium on Microbial Ecology (ISME), 21/08/2016 - 26/08/2016, Montreal, Presenter(s): Lauren Messer

Tilbrook, B, Steven, A, Neill, C, Berry, K, et, al.; Ocean acidification on the Great Barrier Reef; The Future of Marine Ecosystems, 08/10/2016 - 10/10/2016, Hobart, Presenter(s): Bronte Tilbrook

Brown, MV; Detecting, predicting and modelling change in microbiomes; Theo Murphy Frontiers of Science Symposium, 29/11/2016 - 01/12/2016, Adelaide, Presenter(s): Mark Brown

Tilbrook, B; The Global Ocean Acidification Observing Network; GEOSS Asia-Pacific Symposium, Earth observations supporting the implementation of the SDGs in the Asia Pacific Region, 11/01/2017 - 13/01/2017, Tokyo, Presenter(s): Bronte Tilbrook

Ostrowski, M, Bodrossy, L, Thomas, T, Brown, MV, Van De Kamp, J, Seymour, JR, Bissett, A, Kahlke, T, Goossen, K, Fitzgerald, A, Moltmann, T; Marine Microbes: a foundation for discovery and baseline for the next generation of ecosystem molecular tools; NCRIS Greater impact through environmental infrastructure symposium, 16/05/2017 - 18/05/2017, Canberra, Presenter(s): Martin Ostrowski

### **Workshop Presentation**

Steinberg, C, McLean, CM, McAllister, F, Bennet, B, Brinkman, GW, Choukroun, S; GBROOS Mooring Array; GBROOS Workshop, 11/05/2007 - 11/05/2007, Townsville

Steinberg, C, Spagnol, S, Rigby, P, McAllister, F, Williams, DK, Luetchford, J, Pattiaratchi, C; WAIMOS North West Australia Moorings; NSW-IMOS Node Meeting, 04/06/2007 - 04/06/2007, Sydney Institute for Marine Science, Sydney

Steinberg, C, Brinkman, R; The status of physical oceanographic research in the GBR; AIMS Acidification Workshop, 11/03/2008 - 11/03/2008, Australian Institute of Marine Science, Townsville

Middleton, J; The oceanography and SAIMOS for the Bonney Coast; Climate Change Planning Workshop: The Bonney Coast, 04/04/2008 - 04/04/2008, Queenscliff, Presenter(s): John Middleton

Pattiaratchi, C; The West Australian Integrated Marine Observation System (WAIMOS); Institute of Marine Engineering, Science and Technology Seminar, 20/05/2009 - 20/05/2009, Perth, Presenter(s): Charitha Pattiaratchi

Steinberg, C; Climate change in the Australian marine environment; Climate Change Simulations Workshop - Simulations for CMIP5 (IPCC AR5) and the data requirements for Queensland and the wet tropical regions, 20/07/2009 - 21/07/2009, Port Douglas, Presenter(s): Craig Steinberg

Pattiaratchi, C; Physical oceanography; WAMSI Node 3 Synthesis Workshop, 23/03/2010 - 23/03/2010, Commonwealth Scientific Industrial Research Organisation, Perth, Presenter(s): Charitha Pattiaratchi

Steinberg, C; Throughflow (ITF) and Ningaloo National Reference Station (NRS); WAIMOS Science & Data Uptake Workshop, 25/02/2011 - 25/02/2011, University of Western Australia, Perth, Presenter(s): Craig Steinberg

Steinberg, C, Wijffels, S, Sloyan, B, Hill, K, Moltmann, T; IMOS Timor Leste Indonesian Through Flow Observations; Arafura and Timor Seas Expert Forum Workshop, 24/03/2011 - 24/03/2011, Dili, Presenter(s): Craig Steinberg

Tilbrook, B; Observing networks: Sensors and Platforms; Surface Ocean CO2 Data to Flux, UNESCO, 12/09/2011 - 13/09/2011, Paris, Presenter(s): Bronte Tilbrook



McCauley, R; The marine soundscape; Effect of Noise on Fish, Fisheries and invertebrate BOEMRE Workshop, 20/03/2012 - 22/03/2012, San Diego, Presenter(s): Rob McCauley

Lynch, T; QC of data for the IMOS facility the ANMN; COL-NASA Data QC/QA Workshop, 06/06/2012 - 08/06/2012, Maine, Presenter(s): Tim Lynch

Pattiaratchi, C; The role of coastal engineering and oceanography on the environment and infrastructure; Environment and Infrastructure Workshop, 12/06/2012 - 12/06/2012, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Feng, M; Multi-decadal trends of the tropical Pacific and their influences on the southeast Indian Ocean; Cross-Strait Marine Science Workshop, 31/08/2012 - 02/09/2012, Wuyishan, Presenter(s): Ming Feng

Middleton, J; SAIMOS and Oceanography at SARDI; CAWCR Regional Workshop, 28/09/2012 - 28/09/2012, Adelaide, Presenter(s): John Middleton

Feng, M; An extraordinary marine heat wave event off the west coast of Australia; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Ming Feng

Jones, EM, Brinkman, R, Gillibrand, P, Herzfeld, M, Margvelashvili, N, Mongin, M, Rigby, P, Sharman, C, Timms, GP, Tonin, H, Wild-Allen, K; Australian coastal modelling and information systems: assisting management decision making; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Emlyn Jones

Middleton, J, Pattiaratchi, C, Roughan, M, Luick, J, Ivey, GN, Lowe, R, Phillips, H, Benthuyssen, J, Wijeratne, S, MacDonald, HS; ROMS Modelling in Australia: status, plans and aspirations; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): John Middleton

Steinberg, C, Baird, ME, Middleton, J, Pattiaratchi, C, Roughan, M, Stevens, C, Wyatt, LR; Ocean observation uptake: Present status and the way forward; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Craig Steinberg

Pattiaratchi, C; Modelling mesoscale dynamics along western and southern Australian shelf and slopes: a ROMS modelling approach; ROMS/TOMS Workshop, 24/10/2012 - 24/10/2012, Rio de Janeiro, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Peddies: what, where, why?; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; The Holloway Current: evidence from IMOS north-west moorings; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Welcome, introduction and overview of IMOS and WAIMOS; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Charitha Pattiaratchi

Ajani, P; Microalgal diversity in the coastal waters of New South Wales; 10th Advanced Phytoplankton Course: Taxonomy and Systematics, 12/11/2012 - 30/11/2012, Copenhagen, Presenter(s): Penny Ajani

Caputi, N; FRDC climate change project: example of an extreme event; 10th Advanced Phytoplankton Course: Taxonomy and Systematics, 12/11/2012 - 30/11/2012, Copenhagen, Presenter(s): Nick Caputi

Pattiaratchi, C; Modern ocean observations and prediction: from waves to whales; Zhejiang University Seminar, 04/12/2012 - 04/12/2012, Hangzhou, Presenter(s): Charitha Pattiaratchi

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Pattiaratchi, C; Modern ocean observations and prediction: from waves to whales; Hohai University Seminar, 06/12/2012 - 06/12/2012, Nanjing, Presenter(s): Charitha Pattiaratchi

Feng, M; La Nina forces unprecedented Leeuwin Current warming in 2011; The marine heat wave off Western Australia during the summer of 2010/11 - 2 years on Workshop, 11/03/2013 - 11/03/2013, Perth, Presenter(s): Ming Feng

Steinberg, C, Spagnol, S, Rigby, P, McAllister, F, Williams, DK, Luetchford, J, Pattiaratchi, C; WAIMOS North West Australia Moorings; Northwest Shelf Workshop, 13/03/2013 - 14/03/2013, University of Western Australia, Perth, Presenter(s): Craig Steinberg

Xu, J, Ivey, GN, Lowe, R, Jones, N, Brinkman, R; Seasonal ocean dynamics on Ningaloo Shelf, Perth; Oceans Institute Seminar, 08/05/2013 - 08/05/2013, University of Western Australia, Perth, Presenter(s): Jiangtao Xu

Tilbrook, B, Nojiri, Y, Steven, A, Mongin, M, Lenton, A, Matear, R; Seawater carbonate chemistry and ocean acidification; Japan-Australia Marine Science Workshop, 11/07/2013 - 12/07/2013, Tokyo, Presenter(s): Bronte Tilbrook

Tilbrook, B; Observing ocean acidification and its impacts in the Southern Ocean; 2nd International Workshop to Develop an Ocean Acidification Observing Network of Ship Surveys, Moorings, Floats and Gliders, 24/07/2013 - 26/07/2013, St. Andrews, Presenter(s): Bronte Tilbrook

Munoz Mas, C, Steinberg, C, McAllister, F, Rigby, P, Tonin, H, Herzfeld, M; Q-IMOS monitoring and eReefs modelling: a partnership to monitor the oceanography and water quality of the Great Barrier Reef; Australian Coral Reef Society Workshop, 28/08/2013 - 30/08/2013, Sydney, Presenter(s): C Munoz Mas

Gedeon, A; The Integrated Marine Observing System and Ocean Data Network in Western Australia; WALIS Forum 2013, 07/11/2013 - 08/11/2013, Perth, Presenter(s): Agi Gedeon

Tilbrook, B; Defining essential ocean variables for biogeochemistry; First Technical Experts Workshop of the GOOS Biology and Ecosystem, and GOOS Biogeochemistry Panel, 13/11/2013 - 16/11/2013, Townsville, Presenter(s): Bronte Tilbrook

Armbrecht, L; Testing phytoplankton quantification techniques off Eastern Australia; Alexander von Humboldt Foundation Colloquium, 17/11/2013 - 19/11/2013, Sydney, Presenter(s): Linda Armbrecht

van Ruth, P, Doubell, M, Middleton, J, Luick, J; Ocean Modeling of the southern shelves: activity, capability and needs.; CAWCR ROMS Modelling Workshop, 03/12/2013 - 03/12/2013, Bureau of Meteorology, Melbourne, Presenter(s): Paul van Ruth

Tilbrook, B; The Southern Ocean Observing System; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Bronte Tilbrook

Tilbrook, B, Steven, A, Akl, J, Berry, K, Lenton, A, Neill, C, et, al.; Overview of seawater carbonate chemistry and acidification research in IMOS and other projects for Australia; Ocean Acidification Workshop, 18/02/2014 - 18/02/2014, Hobart, Presenter(s): Bronte Tilbrook

Gedeon, A; A brief introduction to IMOS moorings in WA/NT; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Agi Gedeon

Pearce, A; Seasonal and cross-shelf variability of water temperature and currents along the IMOS Two Rocks mooring transect; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Alan Pearce

Pequignet, C; Spatial and temporal variability of the regional-scale circulation on the Australian North West Shelf; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Christine Pequignet

Slawinski, D; Accessing and viewing IMOS mooring data; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Dirk Slawinski

Slawinski, D; WAIMOS moorings overview; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Dirk Slawinski

Spagnol, S, Steinberg, C; WAIMOS moorings in Northwestern Australia; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Simon Spagnol

Thomson, P; Using BGC data from IMOS NRS stations to understand phytoplankton ecology; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Paul Thomson

Tilbrook, B; Ocean carbonate chemistry of the Coral Sea and Great Barrier Reef; Ocean Acidification and Coral Reefs: Linking Science to Solutions Workshop II, 05/03/2014 - 06/03/2014, Brisbane, Presenter(s): Bronte Tilbrook

Doblin, MA; Micro-CSI: Investigating ocean microbes; Topics in Australian Marine Science (TAMS) Workshop, 06/03/2014 - 30/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): M Doblin

Richardson, A, Coman, F, Davies, C, Forcey, K, McEnnulty, F, McLaughlin, J, Miller, M, Slotwinski, A, Tonks, M, Rochester, W; IMOS plankton ocean observing system: how can you use the data?; WAIMOS CPR and Plankton Data Workshop, 06/06/2014 - 06/06/2014, University of Western Australia, Perth, Presenter(s): Anthony Richardson

Roughan, M; Continental shelf processes along the coast of southeastern Australia; SIMS Port Hacking Timeseries Workshop, 07/08/2014 - 08/08/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Moninya Roughan

Tilbrook, B; Ocean acidification observing system; UN Small Island Developing States Ocean Acidification Workshop, 28/08/2014 - 29/08/2014, Apia, Presenter(s): Bronte Tilbrook

Roughan, M, Oke, PR; A National Shelf Re-Analysis project for Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Moninya Roughan

Feng, M; Decadal increase of the Ningaloo Nino since the late 1990s; International ENSO Workshop, 04/02/2015 - 06/02/2015, Sydney, Presenter(s): Ming Feng

Goldsworthy, S; Development of a Spencer Gulf ecosystem model for fisheries and aquaculture; Practical steps to implementation of integrated marine management, 13/04/2015 - 15/04/2015, South Australian Research and Development Institute, Adelaide, Presenter(s): Simon Goldsworthy

Middleton, J; CarCap - a decision support tool for aquaculture expansion and gulf developments based on nutrient carrying capacity; Practical steps to implementation of integrated marine management, 13/04/2015 - 15/04/2015, South Australian Research and Development Institute, Adelaide, Presenter(s): John Middleton

McAllister, F, Galibert, G; IMOS Toolbox and deployment database; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Guillaume Galibert, Kristy McAllister

Sun, C, Steinberg, C, Zhang, X, Schiller, A; Long-term poleward trend of the Pacific South Equatorial Current; Centre for Australian Weather and Climate Research (CAWCR) Annual Workshop, 19/10/2015 - 22/10/2015, Bureau of Meteorology, Melbourne, Presenter(s): Charles Sun

Tilbrook, B; Global ocean acidification observing network; 3rd Global Ocean Acidification Observing Network Workshop, 08/05/2016 - 10/05/2016, Hobart, Presenter(s): Bronte Tilbrook

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Steinberg, C; Australia's Integrated Marine Observing System (IMOS) a decade on; WMO-IOC Joint Commission for Oceanography and Marine Meteorology Data Buoy Cooperation Panel PI-2 PANGEA workshop, 24/05/2016 - 27/05/2016, Noumea, Presenter(s): Craig Steinberg

Steinberg, C; Responding to the 2016 coral bleaching along the Great Barrier Reef: observations to modelling; WMO-IOC Joint Commission for Oceanography and Marine Meteorology Data Buoy Cooperation Panel PI-2 PANGEA workshop, 24/05/2016 - 27/05/2016, Noumea, Presenter(s): Craig Steinberg

Robertson, R; Effects of tides and mixing in regional ocean models; International Workshop on Regional Ocean Numerical Simulation and Observation, 30/05/2016 - 31/05/2016, Nanjing, Presenter(s): Robin Robertson

Uribe-Palomino, J; Parasitic copepods workshop; 3rd International Workshop on Symbiotic Copepoda, 10/07/2016 - 16/07/2016, Heron Island, Presenter(s): Julian Uribe-Palomino

Book, JW, Rowley, C, Rice, AE, Smith, S, Steinberg, C, Brinkman, R, Jones, N, Lowe, R, Ivey, GN, Pattiaratchi, C; Interpreting glider measurements of internal tide packets in coastal environment; Glider Workshop, 05/10/2016 - 05/10/2016, La Spezia, Presenter(s): Jeff Book

Baird, ME, Mongin, M, Skerratt, J, Wild-Allen, K, et, al.; eReefs marine modelling: an inter-governmental agency collaboration providing management-relevant estimates of ocean state and the impact of river loads; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Mark Baird

Brassington, GB, Tuteja, N, Stuart, G, Treleaven, J; eReefs: an integrated catchment and coastal forecasting system for the Great Barrier Reef; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Gary Brassington

Ivey, GN, Book, JW, Brinkman, R, Bluteau, C, et, al.; Sub-mesoscale dynamics on the Australian North West Shelf (NWS) from Ningaloo to the Kimberley; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Gregory Ivey

James, C, Sandery, PA, Middleton, J, Mattner, T, et, al.; eSAMarine, Phase 1: Developing a now-cast/forecast system for Australia's Southern Shelves; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Charles James

Janekovic, I, Pattiaratchi, C, et, al.; Predicting the ocean and continental shelf dynamics off southeastern and central Western Australia using advanced ROMS capabilities; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Ivica Janekovic

Lenton, A; Past and future changes in ocean acidification around Australia; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Andrew Lenton

Middleton, J, Griffin, DA, Luick, J, Herzfeld, M; Hydrodynamic modelling of the circulation in the Great Australian Bight; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): John Middleton

Roughan, M, Kerry, C, Rao, S, et, al.; Modelling and observing the East Australian Current system and its impacts on shelf circulation, Lagrangian transport and biogeochemistry; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Moninya Roughan

Skerratt, J, Davies, C, Baird, ME, Richardson, A, Mongin, M, Wild-Allen, K, Eriksen, R, Robson, B; Phytoplankton and zooplankton in the GBR: insights from IMOS NRS observations and the eReefs model; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Jenny Skerratt

Spillman, CM, Steinberg, C, Benthuisen, J, et, al.; Monitoring and modelling this summer's extreme temperatures on the GBR leading to a mass coral bleaching event on the Great Barrier Reef; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Claire Spillman

Suthers, I, Smith, JA, Everett, JD, Miskiewic, AG, Richardson, A, Lara-Lopez, A; Long-term observations of weighted temperature-salinity habitats of larval fish in the western Tasman Front: seasonal, species and family level patterns; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Iain Suthers

Keating, S; Stochastic turbulence modelling for satellite observations of the ocean; Transport in Unsteady Flows, 15/01/2017 - 20/01/2017, Banff International Research Station, Banff, Presenter(s): Shane Keating

Feng, M; Monitoring boundary currents in the Indian Ocean; IndOOS review workshop, 30/01/2017 - 01/02/2017, Perth, Presenter(s): Ming Feng

Bodrossy, L; Microbial oceanography in Australia: tools and opportunities; First Australia Singapore Joint Strategic Dialog on Innovation and Science. Marine Science Workshop, 30/03/2017 - 31/03/2017, Canberra, Presenter(s): Lev Bodrossy

Doubell, M; Review of FLNTU fluorescence calibration methods for IMOS moorings; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Mark Doubell

James, C; ADCP applications: modelling; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Charles James

Malthouse, P; SAIMOS BGC field sampling methods and data collection; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Paul Malthouse

Middleton, J; eSA Marine nowcast/forecast modelling with the BoM; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): John Middleton

Redondo-Rodriguez, A; QAQC of SAIMOS moored time series; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Ana Redondo-Rodriguez

Redondo-Rodriguez, A; SARDI CTD and ADCP time series methodology approach; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Ana Redondo-Rodriguez

van Ruth, P; SARDI/SAIMOS capabilities review; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Paul van Ruth

Seymour, JR, et, al.; BPA marine microbes project; Marine and Coastal Microbiome Workshop, 06/07/2017 - 07/07/2017, Melbourne, Presenter(s): Justin Seymour

van Ruth, P; Understanding the drivers of environmental change: harnessing variations in food web dynamics to maximise productivity; South Australian Shellfish Research and Development Workshop 2014, Port Lincoln, Presenter(s): Paul van Ruth

**Type Count**

**577**

Ocean radar

**Conference Oral Presentation**

Heron, M, Prytz, A, Cetina-Heredia, P, Mao, Y, Hoegh-Guldberg, O, Willis, B, Skirving, WJ, Heron, SF, Caley, J, Bayler, E, Coulton, M; HF ocean surface radar monitoring for coral bleaching in the Great Barrier Reef; OCEANS 2006 MTS/IEEE, 18/09/2006 - 21/09/2006, Boston

Heron, M, Prytz, A, Heron, SF, Helzel, T, Schlick, T, Greenslade, DJM, Schulz, E; Application of HF coastal ocean radar to tsunami observations; Pan Ocean Remote Sensing Conference (PARSEC) 2006, 01/11/2006 - 04/11/2006, Busan

Prytz, A, Heron, M, Searson, S; ACORN: The HF Coastal Ocean Radar Network: the facility and the archive; Australian Meteorological and Oceanographic Society (AMOS) Conference, 29/01/2008 - 01/02/2008, Geelong

Heron, M, Gill, EW, Prytz, A; A de-convolution approach to analysis of double-peaked HF Radar spectra; OCEANS 2008 MTS/IEEE - Kobe Techno-Ocean '08, 08/04/2008 - 11/04/2008, Kobe

Heron, M, Prytz, A, Searson, S; The Australian Coastal Ocean Radar Network (ACORN); IEEE Working Conference on Current Measurement Technology, 28/04/2008 - 02/05/2008, Charleston

Heron, M, Prytz, A, Page, G, Atwater, DP; The Australian Coastal Ocean Radar Network: A Facility of the Integrated Marine Observing System; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne

Heron, M; The Australian Coastal Ocean Radar Network Facility; Canadian Conference on Electrical and Computer Engineering, 03/05/2009 - 06/05/2009, St. John's, Presenter(s): Mal Heron

Heron, M, Barbin, Y; Bistatic HF Ocean Radar: Errors and Limitations; OCEANS 2009 MTS/IEEE Biloxi Conference and Exhibition, 26/10/2009 - 29/10/2009, Biloxi

Baird, ME, Roughan, M, Morris, BD, Suthers, I; An Integrated Marine Observing System for southeastern Australia: the East Australian Current and its interaction with coastal environments; Ocean Sciences Meeting, 22/02/2010 - 26/02/2010, Portland

Heron, M, Prytz, A; The data archive for the phased array HF Radars in the Australian Coastal Ocean Radar Network; OCEANS 2011 IEEE/OES, 06/06/2011 - 09/06/2011, Santander

Mantovanelli, A, Heron, M; Predicting advection and dispersion in the southern Great Barrier Reef by using Lagrangian trajectories computed from HF-radar currents; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Alessandra Mantovanelli

Pattiaratchi, C; Surface current measurements off Fremantle using HF Radar; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Charitha Pattiaratchi

Atwater, DP, Heron, M; A first approach to SeaSonde quality control; OCEANS 2011 MTS/IEEE, 19/09/2011 - 22/09/2011, Kona

DiMassa, D, Heron, M, Heron, SF; HF Radar: A tool for coral reef planning and management; OCEANS 2011 MTS/IEEE, 19/09/2011 - 22/09/2011, Kona

Heron, M, Prytz, A, Steinberg, C; Application of VHF high Resolution Radar to Evaluating Circulation Around a Seawater Intake Facility; OCEANS 2011 MTS/IEEE, 19/09/2011 - 22/09/2011, Kona

Jaffres, JBD, Heron, M; Wave Climate in the southern Great Barrier Reef, Australia - Evaluation of an ocean HF Radar System and WaveWatch3; OCEANS 2011 MTS/IEEE, 19/09/2011 - 22/09/2011, Kona

Mantovanelli, A, Heron, M, Prytz, A, Steinberg, C, Wisdom, D; Validation of radar-based Lagrangian trajectories against surface-drogued drifters in the Coral Sea, Australia; OCEANS 2011 MTS/IEEE, 19/09/2011 - 22/09/2011, Kona

Wyatt, LR; Use of HF radar for marine renewable applications; OCEANS 2011 MTS/IEEE, 19/09/2011 - 22/09/2011, Kona, Presenter(s): Lucy Wyatt

Heron, M; Compact Systems; HF Radar Workshop, 11/10/2011 - 13/10/2011, La Spezia, Presenter(s): Mal Heron

Heron, M; The Australian Coastal Ocean Radar Network: Lessons Learned; HF Radar Workshop, 11/10/2011 - 13/10/2011, La Spezia, Presenter(s): Mal Heron

Mihanovic, H, Pattiaratchi, C; Interaction between the Leeuwin Current and continental shelf along the Rottneest Shelf and Perth Canyon; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Wyatt, LR; Measuring waves with HF radar; Progress in Radar Research 2012, 02/04/2012 - 03/04/2012, University of Adelaide, Adelaide, Presenter(s): Lucy Wyatt

Heron, M, Mantovanelli, A; Advances in Lagrangian tracking; Radio Oceanography Workshop, 17/04/2012 - 19/04/2012, Toulon

Wyatt, LR, Jaffres, JBD, Heron, M; Spatial averaging requirements to improve wave data quality and availability: report on work in progress; Radio Oceanography Workshop, 17/04/2012 - 19/04/2012, Toulon, Presenter(s): Mal Heron

Wyatt, LR; The Australian Coastal Ocean Radar Network, ACORN; Radio Oceanography Workshop, 17/04/2012 - 19/04/2012, Toulon, Presenter(s): Mal Heron

Heron, M, Prytz, A, Atwater, DP; Quality control issues in HF ocean radars; Ocean Radar Conference for Asia, 17/05/2012 - 18/05/2012, Seoul

Wyatt, LR; The Australian Coastal Ocean Radar Network, ACORN; Ocean Radar Conference for Asia, 17/05/2012 - 18/05/2012, Seoul, Presenter(s): Lucy Wyatt

Heron, M, Wyatt, LR, Atwater, DP, Prytz, A; The Australian Coastal Ocean Radar Network: Lessons learned in the establishment phase; OCEANS 2012 MTS/IEEE Xplore, 21/05/2012 - 24/05/2012, Yeosu

Wyatt, LR; Currents, waves and winds from HF radar; 3rd Australian Chinese Ocean Science and Technology Symposium, 24/06/2012 - 27/06/2012, James Cook University, Townsville, Presenter(s): Lucy Wyatt

Griffin, DA; Extreme weather events; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): David Griffin

Griffin, DA, Cahill, M; Leeuwin Current Eddies: altimetry. HF radar and SST imagery; 6th Coastal Altimetry workshop, 20/09/2012 - 21/09/2012, Riva del Garda, Presenter(s): David Griffin

Griffin, DA, Cahill, M; Oceancurrent.imos.org.au and Australia's Integrated Marine Observing System; GODAE - OceanView 20 Years of Progress in Radar Altimetry Symposium, 24/09/2012 - 29/09/2012, Venice, Presenter(s): David Griffin

Griffin, DA, Cahill, M; Assessment of CryoSat sea level anomaly using HF radar and SST imagery; Ocean Surface Topography Science Team Meeting, 27/09/2012 - 28/09/2012, Venice, Presenter(s): David Griffin

Heron, M; Turbulent mixing mapped in shallow water using HF and VHF Ocean Radar; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Mal Heron

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Mantovanelli, A, Roughan, M; Lagrangian dynamics in the solitary islands Marine Park (SIMP); Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Alessandra Mantovanelli

Penton, J; The effects of wind forcing on surface currents on the continental shelf surrounding Rottneest Island; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Jennifer Penton

Wyatt, LR; Australian HF radar wave measurements - current status, future prospects; 2nd Australian Wind-Wave Symposium, 04/06/2013 - 05/06/2013, Melbourne, Presenter(s): Lucy Wyatt

Roughan, M, Mantovanelli, A, MacDonald, HS; Physical variability on the continental shelf off southeastern Australia: new insights from the NSW Integrated Marine Observing System; AOGS - Asia Oceania Geosciences Society Annual Meeting , 24/06/2013 - 28/06/2013, Brisbane, Presenter(s): Moninya Roughan

Griffin, DA, Cahill, M; IMOS Ocean Current: monitoring Australia's ocean currents on a daily basis, for all to see; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): David Griffin

Roughan, M, Schaeffer, A, Mantovanelli, A; Quantifying upwelling on the continental shelf of southeastern Australia; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Moninya Roughan

Pattiaratchi, C; Sub-mesoscale eddies ('peddies') on the South-West Australian continental shelf; IAHS/IAPSO/IASPEI 'Knowledge for the Future' Assembly, 22/07/2013 - 26/07/2013, Gothenburg, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; The Leeuwin Current system: a boundary current system along Western Australia; IAHS/IAPSO/IASPEI 'Knowledge for the Future' Assembly, 22/07/2013 - 26/07/2013, Gothenburg, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Peddies (petite eddies): sub-mesoscale eddies along the continental shelf off South-West Australia; 6th Warnemunde Turbulence Days Conference, 11/08/2013 - 15/08/2013, Vilm, Presenter(s): Charitha Pattiaratchi

Griffin, DA; Highlights of the IMOS observations of ocean currents; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): David Griffin

Wyatt, LR; HF radar short wave direction measurements in the South Australian Gulfs; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Lucy Wyatt

Mantovanelli, A, Roughan, M, Keating, S, Wyatt, LR, Schaeffer, A; Has the importance of submesoscale fronts been undervalued in coastal areas bordered by the East Australian Current?; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Alessandra Mantovanelli

Schaeffer, A, Roughan, M, Wood, JE; Quantifying Ekman transport and bottom water uplift by a western boundary current: in-situ observations on the Australian continental shelf; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Amandine Schaeffer

Heron, M, Atwater, DP; Quality control in HF ocean radars; Ocean Radar Conference for Asia-Pacific, 02/04/2014 - 04/04/2014, Kaohsiung, Presenter(s): Mal Heron

Wyatt, LR, Atwater, DP, Lethaby, P, Prytz, A; Performance of the HF radars in the Australian Coastal Ocean Radar Network; Ocean Radar Conference for Asia-Pacific, 02/04/2014 - 04/04/2014, Kaohsiung, Presenter(s): Lucy Wyatt

Wyatt, LR; The Australian coastal Ocean Radar Network, ACORN (special GEO session); Ocean Radar Conference for Asia-Pacific, 02/04/2014 - 04/04/2014, Kaohsiung, Presenter(s): Lucy Wyatt

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MacDonald, HS, Roughan, M, Wilkin, J, Baird, ME; Eddies in the East Australian Current; ROMS/TOMS Workshop, 26/05/2014 - 29/05/2014, Rovinj, Presenter(s): Helen MacDonald

Coughlan, I, Peirson, B, Morison, R, Banner, MML; Measured and modelled wave climates of South-Eastern Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Russel Morison

Greenwood, J, Craig, P; Modelling the vertical distribution of phytoplankton on the continental shelf; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Jim Greenwood

James, C, Doubell, M, Luick, J, Middleton, J; SWAN model study: Effects of wind forcing temporal resolution on waves in Spencer Gulf; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Charles James

Pattiaratchi, C; Coastal ocean observations in Western Australia: from waves to whales; Seventh world congress of scientific youth, Federation Internationale des Societes scientifiques, 06/11/2014 - 06/11/2014, Mendoza, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Dense shelf water cascades around Australia: dynamics and water column processes; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Charitha Pattiaratchi

Wijeratne, S, Pattiaratchi, C, Proctor, R; Simulation of boundary currents around Australia; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Charitha Pattiaratchi

Courtney, T, Spillman, CM; Coastal and oceanographic influences on the Queensland (Australia) east coast saucer scallop (*Amusium balloti*) fishery; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Tony Courtney

Pattiaratchi, C; Coastal upwelling along south-west Australia; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Charitha Pattiaratchi

Roughan, M, Jones, EM, Oke, PR, Moltmann, T, May, P, Schiller, A; A National Shelf Re-analysis (ANSR) project for Australia; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Moninya Roughan

Cosoli, S; HF radar observations of ocean currents, waves and winds Australia; 4th Meeting of the Global High Frequency Radar Network, 22/09/2015 - 23/09/2015, Crete, Presenter(s): Simone Cosoli

Middleditch, A, Cosoli, S; Data Quality requirements for the phased-array HF radar systems in Australia; 3rd Ocean Radar Conference for Asia-Pacific, 10/04/2016 - 13/04/2016, Wuhan, Presenter(s): Andrew Middleditch

Cahill, M; IMOS OceanCurrent web site; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Madeleine Cahill

Middleton, J; Physics to fisheries: IMOS data enables; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): John Middleton

Pattiaratchi, C; Coastal ocean observations for fisheries; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Charitha Pattiaratchi

Benthuyssen, J; Extreme marine warming across tropical Australia during austral summer 2015-2016; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Jessica Benthuyssen

Brinkman, R; Sustainable Development of the North's Blue Economy – the role of IMOS to date, and into the future; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Richard Brinkman

Roughan, M; Insight into Continental Shelf Processes Along SE Australia from 10 years of IMOS observations; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Moninya Roughan

Heron, M; Coastal Ocean Radars: Results and Applications; IEEE Oceanic Engineering Distinguished Lecturer Series, University of Waikato, Hamilton, Presenter(s): Mal Heron

### Conference Poster

Heron, M, Roughan, M, Suthers, I, Prytz, A, Page, G, Atwater, DP; Monitoring parameters from an HF radar: Case study at Coffs Harbour, Australia; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne

Verspecht, F, Pattiaratchi, C, Mihanovic, H, Simpson, J; Sea breezes force near-inertial waves close to the critical latitude for resonance; The Physics of Estuaries and Coastal Seas (PECS) Symposium, 12/08/2012 - 16/08/2012, New York, Presenter(s): Florence Verspecht

Archer, M, Roughan, M, Keating, S, Schaeffer, A; Meandering of the East Australian Current at 30 degrees South; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra

Mihanovic, H, Pattiaratchi, C; Interaction between the Leeuwin Current and continental shelf along the Rottneest shelf and Perth Canyon; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Hrvoje Mihanovic

Wyatt, LR, Rehder, S, Prytz, A, Mantovanelli, A, Jaffres, JBD, Heron, M, Atwater, DP; The Australian Coastal Ocean Network; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Lucy Wyatt

Wyatt, LR, Jaffres, JBD, Heron, M; Averaging requirements and other data quality issues for HF radar wave and wind direction measurement; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Lucy Wyatt

Luick, J, Mao, Y; Circulation in the Southern Great Barrier Reef studied through an integration of multiple remote sensing and in-situ measurements; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): John Luick

Moltmann, T, Proctor, R, Donoghue, S; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

Wyatt, LR; The Australian Coastal Ocean Radar Network, ACORN (ONR Panel Session); Ocean Radar Conference for Asia-Pacific, 02/04/2014 - 04/04/2014, Kaohsiung, Presenter(s): Lucy Wyatt

Gedeon, A, Wijeratne, S, Pattiaratchi, C, Proctor, R; Current predictions for the Rottneest channel swim; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Agi Gedeon

Kerry, C, Roughan, M, Powell, B; A high resolution re-analysis for the East Australian Current; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Pattiaratchi, C, Mihanovic, H; Peddies: what, where, why?; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

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Penton, J, Pattiaratchi, C, Mihanovic, H; Surface currents on the Rottneest continental shelf, Western Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Schaeffer, A, Roughan, M; Marine Virtual Laboratory (MARVL) high-resolution ROMS test: the East Australian Current at 30 degrees South in Solitary Island Marine Park (SIMP) ; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Verspecht, F, Mihanovic, H, Pattiaratchi, C; Sea breeze force near-inertial waves on Rottneest Shelf, Western Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Wijeratne, S, Pattiaratchi, C, Proctor, R; Estimates of alongshore and cross-shelf transports around Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Sarath Wijeratne

Wyatt, LR; Wave measurements from the Australian Coastal Ocean Radar Network; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Cahill, M, Griffin, DA; IMOS OceanCurrent gridded sea level and ocean surface velocity; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Madeleine Cahill

Middleton, J, Schulz, E, et, al.; eSAMarine - phase 1: the first step towards an operational now-cast/forecast ocean prediction system for Southern Australia; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): John Middleton

Roughan, M, Kerry, C, Powell, B, Oke, PR; Using multiple ocean observations to constrain a high-resolution model of the East Australian Current; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Moninya Roughan

Ribbat, N, Roughan, M, Powell, B; Mean circulation on the continental shelf off South-East Australia 31.5-34.5: the Hawkesbury Bioregion 2012-2013; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

### **Course Presentation**

Suthers, I; Observations and implications at the two separation zones of the East Australian Current (EAC); Topics in Australian Marine Science (TAMS) Workshop, 06/03/2014 - 30/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Iain Suthers

### **Key Note Speaker**

Heron, M; HF ocean surface radar: successes, developments and challenges; Ocean Sciences Meeting, 20/02/2006 - 24/02/2006, Honolulu, Presenter(s): Mal Heron

### **Meeting Presentation**

Pattiaratchi, C; Physical oceanography in South-Western Australia; Australasian Abalone Association Meeting, 10/05/2007 - 10/05/2007, Perth, Presenter(s): Charitha Pattiaratchi

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Pattiaratchi, C; The UWA Oceans Institute and IMOS (Integrated Marine Observing System); IMarEST WA Branch Meeting, 20/04/2011 - 20/04/2011, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Bondarenko, O, Pattiaratchi, C, Hanson, CE, Gavrilov, AS, Feng, M; The behavioural ecology of pygmy blue whales in the Perth Canyon; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Olga Bondarenko

Pattiaratchi, C, Mihanovic, H; Peddies: what, where why?; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Penton, J, Pattiaratchi, C; The effects of wind forcing on surface currents on the continental shelf surrounding Rottnest Island; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Jennifer Penton

Verspecht, F, Pattiaratchi, C, Simpson, J; Sea breezes force near-inertial waves close to the critical latitude for resonance; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Florence Verspecht

Wyatt, LR; ACORN present and future; QIMOS Node Meeting, 07/12/2012 - 07/12/2012, Brisbane, Presenter(s): Lucy Wyatt

Pattiaratchi, C; Ocean observations: new ideas; Oceans Institute Retreat, 08/02/2013 - 08/02/2013, Perth, Presenter(s): Charitha Pattiaratchi

Wyatt, LR; Australia's Integrated Marine Observing System; OCEANS 2013 MTS/IEEE, 10/06/2013 - 13/06/2013, Bergen, Presenter(s): Lucy Wyatt

Wyatt, LR; Best practice in deployment and operation: capacity building; OCEANS 2013 MTS/IEEE, 10/06/2013 - 13/06/2013, Bergen, Presenter(s): Lucy Wyatt

Pattiaratchi, C; Peddies (petite eddies): sub-mesoscale eddies along the continental shelf off South-West Australia; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Charitha Pattiaratchi

Steinberg, C, Moltmann, T; Australia's Integrated Marine Observing System; Joint WMO-IOC Commission for Oceanography and Marine Meteorology DBCP PI-1, 04/05/2015 - 07/05/2015, Koror, Presenter(s): Craig Steinberg

Steinberg, C; Australia's Integrated Marine Observing System; GOOS Steering Committee 4, 24/05/2015 - 26/05/2015, Australian Institute of Marine Science, Townsville, Presenter(s): Craig Steinberg

Extracting wave parameters from HF radar installations around Australia; Wave buoy user group meeting, 15/06/2016 - 16/06/2016, Fremantle

Cosoli, S; RF noise and interference within the ITU bands: the ACORN experience; 5th meeting of the GEO Global HF Radar Network, 12/12/2016 - 12/12/2016, San Fransisco, Presenter(s): Simone Cosoli

Middleditch, A, Cosoli, S; Wave and wind measurements from HF radars in Australia; American Geophysical Union (AGU) Fall Meeting, 12/12/2016 - 16/12/2016, San Fransisco, Presenter(s): Simone Cosoli

Archer, M, Suthers, I; NSW coastal radar - data and developments ; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Matt Archer

Moltmann, T; IMOS observations for coasts and extremes (Meeting Nov 2014); CAWCR, Melbourne, Presenter(s): Tim Moltmann

## Plenary Address

Heron, M; The Australian Coastal Ocean Radar Network (ACORN); Marine Safety Conference, 26/05/2008 - 29/05/2008, Adelaide, Presenter(s): Mal Heron

## Symposium Presentation

Gillibrand, P, Mongin, M, Cahill, M, Tilbrook, B, Steinberg, C; Wave- and wind-driven circulation over Heron Island Lagoon in the Southern Great Barrier Reef: A Model Study; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart

Pattiaratchi, C; The influence of the Leeuwin current on wave propagation onto the continental shelf off south-west Australia; 2nd Australian Wind-Wave Symposium, 04/06/2013 - 05/06/2013, Melbourne, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Integrated Marine Observing System infrastructure in north-west Australia; WAMSI North-West Marine Science Symposium, 21/02/2014 - 21/02/2014, Perth, Presenter(s): Charitha Pattiaratchi

## Workshop Presentation

Heron, M, Prytz, A; Oceans and Tides; GEOSS Users & Architecture Workshop XX: Oceans and Water, 07/04/2008 - 07/04/2008, Kobe

Heron, M, Mao, Y; Air-Sea Coupling by Stokes plus Stress; International Radiowave Oceanography Workshop 8 (ROW), 28/04/2008 - 02/05/2008, Honolulu

Heron, M; The Australian Coastal Ocean Radar Network (ACORN); International Radiowave Oceanography Workshop 8 (ROW), 28/04/2008 - 02/05/2008, Honolulu, Presenter(s): Mal Heron

Heron, M; The Australian Coastal Ocean Radar Network; International Radiowave Oceanography Workshop 9 (ROW), 19/05/2009 - 22/05/2009, Split, Presenter(s): Mal Heron

Page, G, Heron, M, Prytz, A, Mazzoldi, A, Gacic, M, Cosoli, S; High spatial resolution radar observations at the Lido; International Radiowave Oceanography Workshop 9 (ROW), 19/05/2009 - 22/05/2009, Split, Presenter(s): Mal Heron

Pattiaratchi, C; Interactions between the Leeuwin Current and the continental shelf; Institute of Marine Engineering, Science and Technology Seminar, 20/05/2009 - 20/05/2009, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; The West Australian Integrated Marine Observation System (WAIMOS); Institute of Marine Engineering, Science and Technology Seminar, 20/05/2009 - 20/05/2009, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Physical oceanography; WAMSI Node 3 Synthesis Workshop, 23/03/2010 - 23/03/2010, Commonwealth Scientific Industrial Research Organisation, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Ocean radar; WAIMOS Science & Data Uptake Workshop, 25/02/2011 - 25/02/2011, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; The role of coastal engineering and oceanography on the environment and infrastructure; Environment and Infrastructure Workshop, 12/06/2012 - 12/06/2012, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

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Atwater, DP; SeaSonde Quality Control: A First Approach; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): Dan Atwater

Griffin, DA; How ACORN data is shown on the IMOS OceanCurrent website; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): David Griffin

Heron, M; The development and design of ACORN; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): Mal Heron

Jaffres, JBD; Wind climate in the southern GBR - local observations vs QuikSCAT and MesoLAPS; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): Jasmine Jaffres

Malthouse, P; SAIMOS progress update; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): Paul Malthouse

Mancini, S; The data portal; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): Sebastien Mancini

Mantovanelli, A, Heron, M; Radar-based tracking of pollutants/larvae in the Coral Sea; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): Alessandra Mantovanelli

Pattiaratchi, C; WA radar experiences; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): Charitha Pattiaratchi

Prytz, A; WERA processing and quality control; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): Arnstein Prytz

Roughan, M; 2 months of radar data at Coffs harbour; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): Moninya Roughan

Wyatt, LR; Introduction to oceanographic HF radar; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): Lucy Wyatt

Griffin, DA, Oke, PR; Ocean forecasting and hindcasting: the importance of remote sensing; 3rd Oil and Gas Earth Observation Group Workshop, 14/09/2012 - 14/09/2012, Perth, Presenter(s): David Griffin

Griffin, DA; Remote sensing: observing a big country; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): David Griffin

Jones, EM, Brinkman, R, Gillibrand, P, Herzfeld, M, Margvelashvili, N, Mongin, M, Rigby, P, Sharman, C, Timms, GP, Tonin, H, Wild-Allen, K; Australian coastal modelling and information systems: assisting management decision making; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Emlyn Jones

Steinberg, C, Baird, ME, Middleton, J, Pattiaratchi, C, Roughan, M, Stevens, C, Wyatt, LR; Ocean observation uptake: Present status and the way forward; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Craig Steinberg

Pattiaratchi, C; Modelling mesoscale dynamics along western and southern Australian shelf and slopes: a ROMS modelling approach; ROMS/TOMS Workshop, 24/10/2012 - 24/10/2012, Rio de Janeiro, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Peddies: what, where, why?; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Charitha Pattiaratchi

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Pattiaratchi, C; Welcome, introduction and overview of IMOS and WAIMOS; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Modern ocean observations and prediction: from waves to whales; Zhejiang University Seminar, 04/12/2012 - 04/12/2012, Hangzhou, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Modern ocean observations and prediction: from waves to whales; Hohai University Seminar, 06/12/2012 - 06/12/2012, Nanjing, Presenter(s): Charitha Pattiaratchi

Wyatt, LR; Latest results from the Australian Coastal Ocean Radar Network; Radiowave Oceanography Workshop (ROW), 11/05/2014 - 15/05/2014, Savannah, Presenter(s): Lucy Wyatt

Middleditch, A, Wyatt, LR, James, C; Wave measurements from the Australian Coastal Ocean Radar Network; Radiowave Oceanography Workshop Meeting, 04/11/2015 - 06/11/2015, Woods Hole Oceanographic Institute, Massachusetts, Presenter(s): Andrew Middleditch

Cosoli, S; The ACORN radar network: adopted practices, QAQC approaches and critical points; INCREASE (Innovation and Networking for the integration of Coastal Radars into European Marine Services) HF Radar experts workshop, 13/09/2016 - 15/09/2016, Lerici, Presenter(s): Simone Cosoli

Janekovic, I , Pattiaratchi, C, et, al.; Predicting the ocean and continental shelf dynamics off southeastern and central Western Australia using advanced ROMS capabilities; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Ivica Janekovic

Roughan, M, Kerry, C, Rao, S, et, al.; Modelling and observing the East Australian Current system and its impacts on shelf circulation, Lagrangian transport and biogeochemistry; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Moninya Roughan

Schaeffer, A, Cosoli, S, Gramouille, A, et, al.; Submesoscale eddies observed by HF radars along the East Australian Current and Rottneest continental shelf; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Simone Cosoli, Amandine Schaeffer

**Type Count**

**150**

## Animal tracking

### Conference Oral Presentation

Stieglitz, T; The Yongala's Halo of Holes – Who's digging it? Acoustic Tracking of Stingrays at the wreck of the Yongala; Australian Marine Science Association Conference, 09/07/2007 - 13/07/2007, University of Melbourne, Melbourne, Presenter(s): T Stieglitz

Suthers, I, Harcourt, R, Huvneers, C; NSW-IMOS and oceanographic effects on organisms, and AATAMS (Australian Acoustic Tagging & Monitoring System); Australian Marine Science Association Conference, 09/07/2007 - 13/07/2007, University of Melbourne, Melbourne

McGregor, F, Van Keulen, M, Meekan, MG, Waite, A; Foraging ecology and population dynamics of the manta ray *Manta birostris* in lagoonal waters of Ningaloo Reef WA; Joint Meeting of Ichthyologists and Herpetologists, 23/07/2008 - 28/07/2008, Montreal, Presenter(s): Frazer McGregor

Meekan, MG; Tracking the world's largest fish; Coast to Coast Conference, 18/08/2008 - 22/08/2008, Darwin, Presenter(s): Mark Meekan

Speed, CW, Meekan, MG, Field, IC, Huveneers, C, Stevens, JD, McGregor, F, Berger, Y, Bradshaw, CJA; Reef shark movement patterns at Ningaloo Reef, WA; Coast to Coast Conference, 18/08/2008 - 22/08/2008, Darwin, Presenter(s): Conrad Speed

White, W, McCauley, R, Chidlow, J, McGregor, F, Pillans, R, Bradshaw, CJA; Reef shark movement patterns at Ningaloo Reef, Western Australia; Oceania Chondrichthyan Society Conference, 22/09/2008 - 24/09/2008, Sydney

Speed, CW, Meekan, MG, Field, IC, Bradshaw, CJA; Reef shark movement patterns at Ningaloo Reef, Western Australia; Greenhouse 2009: Climate Change and Resources, 23/03/2009 - 26/03/2009, Perth, Presenter(s): Conrad Speed

Huveneers, C, Lee, K, Peddemors, V, Webber, D, Vallee, R, Harcourt, R, MacDonald, T; Fine-scale position of wobbegongs within an aquatic reserve – novel use for VR2W acoustic receiver; 8th Indo-Pacific Fish Conference, 31/05/2009 - 05/06/2009, Fremantle

Meekan, MG; Patterns of habitat utilisation by reef sharks at offshore atolls; 8th Indo-Pacific Fish Conference, 31/05/2009 - 05/06/2009, Fremantle, Presenter(s): Mark Meekan

Speed, CW, Meekan, MG, Stevens, JD, Huveneers, C, Pillans, R, McCauley, R, McGregor, F, Bradshaw, CJA; Movement patterns of reef sharks at Ningaloo Reef; 8th Indo-Pacific Fish Conference, 31/05/2009 - 05/06/2009, Fremantle

Bryars, S, Paul, R, Huveneers, C, Smith, I, Payne, N, MacDonald, T; What size do no-take marine reserves need to be for total protection of adult western blue groper? ; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Huveneers, C, Bruce, B, Hobday, A, Speed, CW, Meekan, MG, Harcourt, R; The Australian Acoustic Tagging and Monitoring System (AATAMS): applications for high trophic level predators; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Meekan, MG, Field, IC, Stevens, JD; Contrasting patterns in habitat use and migration of grey reef (*Carcharhinus amblyrhynchos*), hammerhead (*Sphyrna mokarran*) and tiger (*Galeocerdo cuvier*) sharks in Western Australia ; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide, Presenter(s): Mark Meekan

Heupel, M, Simpfendorfer, C, Fitzpatrick, R; Preliminary analysis of grey reef shark movements on the great Barrier Reef; 25th Annual American Elasmobranch Society Meeting, 22/07/2009 - 27/07/2009, Portland

Heupel, M, Simpfendorfer, C, Fitzpatrick, R; Preliminary analysis of grey reef shark movements on the great Barrier Reef; 13th European Elasmobranch Association Meeting, 19/11/2009 - 22/11/2009, Majorca

Barnett, A; Movement of broadnose sevengill sharks *Notorynchus cepedianus* in coastal areas of southeast Tasmania; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Adam Barnett

Cerutti-Pereyra, F; Movements and site fidelity of rays at Ningaloo Reef, Western Australia; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Florencia Cerutti-Pereyra

Chin, A, Simpfendorfer, C, Heupel, M, Tobin, A; More than a reef shark? The movement and habitat use patterns of *Carcharhinus melanopterus* in inshore, non-reef environments; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Couturier, L, Jaine, F, Townsend, K, Weeks, S, Richardson, A, Bennett, M; Local site fidelity and regional movements of the manta ray, 2010. *Manta alfredi*, along the eastcoast of Australia; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Knip, D, Heupel, M, Simpfendorfer, C, Tobin, A, Maloney, J; Seasonal patterns in movement and distribution of juvenile pigeye sharks (*Carcharhinus amboinensis*) in Cleveland Bay, north Queensland; Sharks International, 06/06/2010 - 11/06/2010, Cairns

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Lee, K, Huveneers, C, Peddemors, V, Smith, F, Harcourt, R; VPS, a novel use of VR2W's for long-term precise movement assessment: trials and tribulations in determining wobbegong shark habitat use; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Lee, K; VPS, a novel use of VR2s for long-term precise movement assessment: trials and tribulations in determining wobbegong shark habitat use; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Kate Lee

Meekan, MG; Running on empty – how the world's largest fish sustains a planktivorous life style; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Mark Meekan

Meekan, MG; Whale sharks as animal-borne imaging platforms; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Mark Meekan

Smoothey, A, Peddemors, V, Gray, C, Kennelly, SJ; Patterns of distribution and movement of adult bull sharks in Sydney Harbour; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Speed, CW, Meekan, MG, Field, IC, McMahon, C, Stevens, JD, Huveneers, C, McGregor, F, Berger, Y, Bradshaw, CJA; Reef shark aggregation monitoring with acoustic telemetry at Ningaloo; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Speed, CW; Reef shark aggregations at Ningaloo Reef; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Conrad Speed

Bestley, S, Rintoul, S, Charrassin, J-B; Seals reveal ocean-ice interaction in East Antarctica; International Polar Year Science Conference, 08/06/2010 - 12/06/2010, Oslo

Field, IC, Harcourt, R, Sumner, MD, Hindell, MA; Insights from MEOP: Four dimensional foraging habitat of southern elephant seals from Macquarie Island; International Polar Year Science Conference, 08/06/2010 - 12/06/2010, Oslo, Presenter(s): Iain Field

The MEOP Project: Marine Mammals Exploring the Oceans Pole to Pole; International Polar Year Science Conference, 08/06/2010 - 12/06/2010, Oslo, Presenter(s): Mike Fedak

Payne, N, Semmens, J, Gillanders, B, Seymour, RS, Webber, D, Snelling, EP; Accelerometry reveals patterns in field metabolic rate of giant Australian cuttlefish *Sepia apama* during breeding; Society of Experimental Biology Conference, 30/06/2010 - 03/07/2010, Prague, Presenter(s): Jayson Semmens

Semmens, J, Webber, D, Frappell, PB, Hagg, J, Lyle, J, Buxton, C; Movement patterns, swimming speed and metabolic rate of a vulnerable temperate rocky-reef fish, *Cheilodactylus spectabilis* during the spawning season; Society of Experimental Biology Conference, 30/06/2010 - 03/07/2010, Prague, Presenter(s): Jayson Semmens

Heupel, M, Simpfendorfer, C, Knip, D, Chin, A, White, J; Spatial ecology of nearshore elasmobranchs; 26th Annual American Elasmobranch Society Meeting, 07/07/2010 - 12/07/2010, Providence

Knip, D, Heupel, M, Simpfendorfer, C, Moloney, J; Site fidelity and habitat use of spot-tail sharks (*Carcharhinus sorrah*) in a tropical nearshore environment; 26th Annual American Elasmobranch Society Meeting, 07/07/2010 - 12/07/2010, Providence

Hindell, MA; 3 dimensional foraging habitats of top predators, and areas of ecological significance, on the Kerguelen Plateau; SCAR Open Science Conference, 03/08/2010 - 06/08/2010, Buenos Aires, Presenter(s): Mark Hindell

Donnolly, A, Townsend, K; Project Manta: a case study of how engaging "citizen scientists"; 85th Annual Australian Coral Reef Society (ACRS) Conference, 10/09/2010 - 12/09/2010, Coffs Harbour, Presenter(s): A Donnolly

Jaine, F, Weeks, S, Townsend, K, Richardson, A, Bennett, M; Seasonal aggregations and environmental preferences of the manta ray *Manta alfredi* at Lady Elliot Island, southern GBR; 85th Annual Australian Coral Reef Society (ACRS) Conference, 10/09/2010 - 12/09/2010, Coffs Harbour, Presenter(s): Fabrice Jaine

Semmens, J, Webber, D, Forbes, E, Lyle, J, Buxton, C; New technology developments for understanding spatial and temporal activity patterns of fish in nature; 63rd Canadian Conference for Fisheries Research, 07/01/2011 - 09/01/2011, Winnipeg, Presenter(s): Jayson Semmens

Babcock, R, Patterson, T, Bravington, M, Pillans, R; Including habitats in estimates of utilization distributions of reef fish; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Russ Babcock

Lowther, A; Avoiding the crowds: combining fine-scale biologging with stable isotope biogeochemistry to assess the temporal stability of alternate foraging behaviours in adult female Australian sea lions; Biologging IV Workshop - The use of Visual Media with Data in Biologging, 16/03/2011 - 16/03/2011, Hobart, Presenter(s): Andrew Lowther

Harcourt, R; Monitoring apex predators in the Southern Ocean; 7th Journées Scientifiques du CNFRA, 19/05/2011 - 20/05/2011, Paris, Presenter(s): Rob Harcourt

Gray, C, Taylor, M, Walsh, CT, Reinfelds, I, Smoothey, A, van der Meulen, D, Peddemors, V, Payne, N, Gannon, R, Butler, G, Suthers, I; Acoustic telemetry: Connectivity and fidelity of southeast Australian estuarine and coastal fishes and sharks; 1st International conference on Fish Telemetry, 12/06/2011 - 18/06/2011, Sapporo, Presenter(s): Charles Gray

Payne, N, Gillanders, B, Semmens, J, Taylor, M; Accelerometry - An alternative to examining the frequency of acoustic detections; 1st International conference on Fish Telemetry, 12/06/2011 - 18/06/2011, Sapporo, Presenter(s): Nicholas Payne

Semmens, J; Beyond presence/absence: Estimating field metabolic rates and swimming speeds with acoustic arrays; Ocean Tracking Network (OTN) Conference, 12/06/2011 - 18/06/2011, Halifax, Presenter(s): Jayson Semmens

Semmens, J, Payne, N, Webber, D, Bruce, B, Kock, A, Huveneers, C; Accelerometry estimates field metabolic rate in white sharks (*Carcharodon carcharias*) at pinniped colonies in South Australia; 1st International conference on Fish Telemetry, 12/06/2011 - 18/06/2011, Sapporo, Presenter(s): Jayson Semmens

van der Meulen, D, Walsh, CT, Gray, C, Taylor, M; Investigating fine-scale spawning habitat and reproductive dynamics of estuarine-dependant fishes; 1st International conference on Fish Telemetry, 12/06/2011 - 18/06/2011, Sapporo, Presenter(s): Dylan van der Meulen

Field, IC, Harcourt, R, Hindell, MA, Bestley, S, Lea, MA, Goldsworthy, S, Page, B, Williams, G, Boomer, A; The Australian Animal Tagging and Monitoring System (AATAMS): moving towards an integrated approach for ocean observing; International Union of Geophysics and Geology (IUGG) Earth on the Edge: Science for a Sustainable Planet, 28/06/2011 - 07/07/2011, Melbourne, Presenter(s): Iain Field

Babcock, R, Patterson, T, Bravington, M, Pillans, R; Including habitats in estimates of utilization distributions for reef fish; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Cerutti-Pereyra, F, Meekan, MG, Austin, C, Stevens, JD, Bradshaw, CJA; Nurseries and movement patterns of juvenile stingrays at Ningaloo Reef WA; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Mark Meekan

Harcourt, R, et, al.; The Australian Animal Tagging and Monitoring System (AATAMS); Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Rob Harcourt

Heupel, M, Knip, D, Chin, A, White, J, Udyawer, V, Mapleston, A, Simpfendorfer, C; Response of inshore predators to extreme weather events: Implications of a changing climate; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

McGregor, F, Meekan, MG; Manta ray (*Manta alfredi*) visitation to Ningaloo Reef, WA - the importance of residence!; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Frazer McGregor

Speed, CW, Meekan, MG, Field, IC, McMahon, C, Abrantes, K, Bradshaw, CJA; The trophic ecology of four co-occurring species of reef sharks determined through stable isotope analysis and telemetry; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Conrad Speed

Speed, CW; The trophic ecology of reef sharks using stable isotopes and telemetry; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Conrad Speed

Vianna, G, Meekan, MG, Pannell, D, Marsh, S, Meeuwig, J; Socio-economic and community benefits from shark diving tourism in Palau: a sustainable use of reef shark populations; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Gabriel Vianna

Heupel, M, Simpfendorfer, C, Knip, D, Chin, A, White, J; Spatial ecology of nearshore elasmobranchs; Australian Society for Fish Biology, 22/07/2011 - 24/07/2011, Townsville

White, J, Heupel, M, Simpfendorfer, C, Tobin, A; Residency and activity patterns of shark-like batoids in Cleveland Bay, Queensland; Australian Society for Fish Biology, 22/07/2011 - 24/07/2011, Townsville

Lowther, A; Buying local: fine-scale population structure of adult female Australian sea lions influenced by fine-scale foraging habitat fidelity; 19th Biennial Society of Marine Mammalogy Conference, 27/11/2011 - 03/12/2011, Tampa, Presenter(s): Andrew Lowther

Babcock, R, Patterson, T, Pillans, R; Including habitats in estimates of utilization distributions for acoustically tagged reef fish; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City

Hindell, MA, et, al.; Three dimensional habitat structure in southern elephant seals; International Polar Year Conference (IPY), 22/04/2012 - 27/04/2012, Montreal, Presenter(s): Mark Hindell

Raymond, B, Patterson, T, Andrews-Goff, V, Lea, MA, Hindell, MA; Integration and synthesis of Antarctic predator tracking data; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ben Raymond

Chin, A; Where do reef sharks go when they're not on reefs; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns, Presenter(s): Andrew Chin

Heupel, M; Coral reefs: apex predator paradise or mesopredator nirvana?; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns, Presenter(s): Michelle Heupel

Simpfendorfer, C; The role of non-resident sharks in shaping coral reef communities; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns, Presenter(s): Colin Simpfendorfer

Speed, CW; Marine parks for reef sharks: shark movements at Ningaloo Reef; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns, Presenter(s): Conrad Speed

Hindell, MA, et, al.; Three dimensional habitat structure in southern elephant seals; 32nd SCAR Open Science Conference, 13/07/2012 - 25/07/2012, Portland, Presenter(s): Mark Hindell

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Braccini, M, McCauley, R, Moran, M; On movement of Western Australian sharks; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): J. Matias Braccini

Bradford, RW, Bruce, B; Tracking broad-scale movements of a top-order predator using coastal sensor arrays and satellite telemetry; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Russell Bradford

Bruce, B, Bradford, RW; The effects of shark cage diving on the localised and broad-scale movements of white sharks in Australian waters; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide

Bryars, S, Rogers, P, Miller, D; Protecting the Harlequin Fish (*Othos dentex*) within South Australia's new system of marine protected areas: Acoustic tracking to determine site fidelity and movement patterns; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Simon Bryars

Couturier, L, Marshall, AD, Jaime, F, Kashiwagi, T, Pierce, SJ, Townsend, K, Weeks, S, Bennett, M; Status of knowledge on the Mobulidae and conservation issues; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Lydie Couturier

Lee, K, Huvneers, C, Harcourt, R; Is small adequate? Assessing the movement of eastern blue groper to determine the adequacy of protection in a small marine reserve; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide

Mills, K; House of home? How snapper (*Chrysophrys auratus*) utilise artificial and natural reefs in Port Phillip Bay; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Kade Mills

Simpfendorfer, C, Heupel, M; Beyond the "shiny new hammer": data analysis tools to make the most of acoustic monitoring studies; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Colin Simpfendorfer

Huvneers, C, Rogers, P, Beckman, C, Drew, M, Heard, M, Corrigan, S; Shark ecology: relevance to industry and the community; Marine Innovation Southern Australia Symposium, 30/11/2012 - 30/11/2012, Port Lincoln, Presenter(s): Charlie Huvneers

Harcourt, R; Biologging approaches and answers; AATAMS Biologging Workshop, 27/12/2012 - 29/12/2012, Sydney Institute for Marine Science, Sydney, Presenter(s): Rob Harcourt

Cadiou, G, Booth, D, Gray, C, Taylor, M; Drivers of temporal and spatial movements patterns in luderick *Girella tricuspidata* in NSW, Australia; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Gwenael Cadiou

Espinoza, M, Heupel, M, Simpfendorfer, C; Predicting MPA utilization for reef-associated sharks: an individual-based simulation approach; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Mario Espinoza

Heupel, M, Simpfendorfer, C; Importance of environmental and biological drivers in the presence and space use of a reef-associated shark; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Michelle Heupel

Marzullo, T; Accelerometry estimates in a free-living benthic elasmobranch, the Common Stingaree (*Trygonoptera testacea*); 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Tegan Marzullo

Marzullo, T, Payne, N, Suthers, I, Knott, N, Taylor, M; Driving factors behind stingaree activity; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Tegan Marzullo

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Payne, N, Taylor, M, Watanabe, Y, Semmens, J; From physiology to physics: the strength of biotelemetry is its flexibility; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Nicholas Payne

Simpfendorfer, C, Espinoza, M, Heupel, M, Tobin, A; The role of non-resident sharks in shaping coral reef communities; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Colin Simpfendorfer

Taylor, M, McPhan, L, Gray, C, van der Meulen, D, Payne, N; Interactive drivers of activity in a free-ranging estuarine predator; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Matt Taylor

Vianna, G, Meekan, MG, Meeuwig, J, Speed, CW; Vertical movement and site fidelity of grey reef sharks (*Carcharhinus amblyrhynchos*) at aggregation sites on a coral reef; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Gabriel Vianna

Heupel, M, Simpfendorfer, C; Importance of environmental and biological drivers in the presence and space use of a reef-associated shark; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Michelle Heupel

Yates, P, Heupel, M, Tobin, A, Simpfendorfer, C; Diversity in shark assemblages and nursery areas along a tropical coastline; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): P Yates

Zeh, D, Marsh, S, Hamman, M, Heupel, M; Using data-logging acoustic receivers to study dugong movements in coastal environments: a comparison with satellite tracking; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Daniel Zeh

Brodie, S, Payne, N, Everett, JD, Taylor, M, Suthers, I; Using tri-axial accelerometers to study the energetics, behaviour and biomechanics of yellowtail kingfish, *Seriola lalandi*; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Stephanie Brodie

Currey, L, Heupel, M, Simpfendorfer, C; Stay or stray: examination of reef-based movement of redthroat emperor; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Leanne Currey

Lee, K, Huvaneers, C, Gimenez, O, Peddemors, V, Harcourt, R; To catch or to sight? A comparison of demographic parameter estimates obtained from mark-recapture and mark-resight models; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Kate Lee

Semmens, J; Examining Chondrichthyan activity patterns within an estuary; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Jayson Semmens

Simpfendorfer, C, Heim, A, Heupel, M; Measures of activity space in acoustic monitoring studies; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Colin Simpfendorfer

Stocks, J, Gray, C, Taylor, M; Movements, home range and habitat associations of a temperate shallow reef species, *Girella elevata*; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Jerom Stocks

Heupel, M, Simpfendorfer, C; Long-term movement patterns of grey reef sharks in the Southern Great Barrier Reef; Oceania Chondichthyan Society Conference, 19/09/2013 - 20/09/2013, Brisbane, Presenter(s): Michelle Heupel

Bowden, D; Using acoustic telemetry to identify unknown unknowns ; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Deb Bowden

Heupel, M; Importance of multiple data streams in examination of marine predator movement patterns; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Michelle Heupel

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Zeh, D, Hanna, M, Heupel, M, Limpus, C, Babcock, R, Pillans, R, Marsh, H; Using data-logging acoustic receivers to study dugong movements in coastal environments: a comparison with satellite tracking; 20th Biennial Conference on the Biology of Marine Mammals, 06/12/2013 - 13/12/2013, Dunedin, Presenter(s): Daniel Zeh

De Faria, F, Simpfendorfer, C, Heupel, M; Movement and residency of tiger sharks *Galeocerdo cuvier* in the Great Barrier Reef, Australia; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Fernanda De Faria

Espinoza, M, Heupel, M, Tobin, A, Simpfendorfer, C; Contrasting movements and patterns of habitat use in reef-associated sharks: implications for management and conservation; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Mario Espinoza

Francis, M, Duffy, C, Lyon, W; White shark (*Carcharodon carcharias*) spatial and temporal use of an aggregation site in southern New Zealand; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Malcolm Francis

Heupel, M, Simpfendorfer, C; Long-term movement patterns of grey reef sharks in the Southern Great Barrier Reef; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Michelle Heupel

Keller, K; Reef residency and behaviour of two Australian elasmobranchs; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Krystle Keller

Meekan, MG, Fuiman, L, Davis, R, Berger, Y, Thums, M; Why do whale sharks get so big? Ecological drivers of the evolution of body size in the world's largest fish; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Mark Meekan

Munroe, S, Moloney, J, Heupel, M; Coastal habitat use of an abundant mesopredator revealed through telemetry and stable isotope analysis; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Samantha Munroe

Oh, B, Meeuwig, J, Thums, M, Meekan, MG; Quantifying the distribution of elasmobranchs across tropical Australian waters; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Beverly Oh

Brodie, S, Hobday, A, Smith, JA, Everett, JD, Taylor, M, Gray, C, Suthers, I; The oceanographic habitats of two migratory pelagic fish: dolphinfish (mahi mahi) and yellowtail kingfish ; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Stephanie Brodie

Currey, L, Heupel, M, Simpfendorfer, C; A mobile predator? Variable space and depth use patterns of an exploited coral reef fish; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Leanne Currey

Keller, K; Reef residency and behaviour of two endemic elasmobranchs; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Krystle Keller

Ledee, E, Tobin, A, Heupel, M, Simpfendorfer, C; Movement pattern and habitat use of giant trevally *Caranx ignobilis* in offshore reef habitats; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Elodie Ledee

Marzullo, T; Divergent thermal performance in wild, co-habiting stingrays; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Tegan Marzullo

Matley, J, Simpfendorfer, C, Heupel, M; Depth and space use of coral trout (*Plectropomus leopardus*) using passive acoustic tracking; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Jordan Matley

Taylor, M, van der Meulen, D, Walsh, CT, Reinfelds, I, Ives, M, Gray, C; Shock, stress or signal? Implications of freshwater flows for a top-level estuarine predator; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Matt Taylor

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Cadiou, G, Booth, D, Taylor, M, Payne, N; Multi-scale movement patterns and field metabolic rates in luderick *Girella tricuspidata* using acoustic accelerometers; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Gwenael Cadiou

Meekan, MG; Why do whale sharks get so big? Ecological drivers of the evolution of body size in the world's largest fish; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Mark Meekan

Francis, M, Duffy, C, Lyon, W; White shark (*Carcharodon carcharias*) aggregations at Stewart Island - spatial and temporal habitat use; New Zealand Marine Sciences Society Conference, 11/08/2014 - 14/08/2014, Nelson, Presenter(s): Malcolm Francis

McMahon, C; Biologging acrobatics: balancing the need for research and animal welfare in a vibrant research environment; 5th International Bio-Logging Science Symposium, 22/09/2014 - 26/09/2014, Strasbourg, Presenter(s): Clive McMahon

Bailleul, F, Goldsworthy, S, van Ruth, P, Harcourt, R, McMahon, C; Assessing the smallest by one of the biggest: Australian sea lions as investigators of primary production in the Great Australian Bight; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Fred Bailleul

McMahon, C; IMOS: Seals are changing the way we monitor the Southern Ocean; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Clive McMahon

Reinke, J, Meynecke, J, Lemkert, C; Coastal fronts and upwelling areas utilised by migrating humpback whales, *Megaptera novaeangliae*; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Joshua Reinke

Sequeira, A, Rodriguez, J, et, al.; Comparative analysis of movement patterns of marine vertebrates; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Ana Sequeira

Hoenner, X, Steckenreuter, A, Simpfendorfer, C, Peddemors, V, Burgess, J, Tattersall, K, Harcourt, R; Australia's national database for acoustic monitoring of marine species; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Xavier Hoenner

Matley, J, Simpfendorfer, C, Tobin, A, Heupel, M; Niche partitioning of sympatric reef fish using passive acoustic telemetry; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Jordan Matley

Simpfendorfer, C, Huveneers, C, Steckenreuter, A, Tattersall, K, Hoenner, X, Harcourt, R, Heupel, M; Ghosts in the data: false detections in acoustic telemetry monitoring; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Colin Simpfendorfer

Taylor, M, Becker, A, Payne, N, Lowry, M; Feels like home: Movement and homing behaviour of mature fish translocated from a power-station canal; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Matt Taylor

van der Meulen, D, Payne, N, Gray, C, Walsh, CT, Reinfelds, I, Suthers, I, Taylor, M; Temperature-mediated spawning migrations of an estuarine-dependent sillaginid; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Dylan van der Meulen

Reinke, J, Meynecke, J, Lemkert, C; Coastal fronts and upwelling areas utilised by migrating humpback whales, *Megaptera novaeangliae*; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Joshua Reinke

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- Adams, K, Fetterplace, L, Taylor, M, Davis, A, Knott, N; Fiddler on the Reef- Movement and Abundance of the Eastern Fiddler Ray; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Kye Adams
- Cadiou, G, Booth, D, Taylor, M; Drivers of temporal and spatial movements patterns in *Girella tricuspidata*; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Gwenael Cadiou
- Fetterplace, L, Adams, K, Taylor, M, Davis, A, Knott, N; Are soft sediment fishes always highly mobile? An assessment of the movement patterns of the bluespotted flathead; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Lachlan Fetterplace
- Fowler, A, Lloyd, M, Huveneers, C; Acoustic telemetry informs about movement behaviour of snapper in Northern Gulf St. Vincent - thoughts for spatial management ; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Anthony Fowler
- Gannon, R, Suthers, I, Gray, C, Payne, N, Taylor, M; Effect of environmental variables on the movements of dusky flathead; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Ruan Gannon
- Hoenner, X, Proctor, R, Mancini, S, Tattersall, K, Burgess, J, Steckenreuter, A, Simpfendorfer, C, Peddemors, V, Harcourt, R; The Australian national database for acoustic monitoring of marine species; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Xavier Hoenner
- Knott, N, Ferguson, A, Fetterplace, L, Marzullo, T, Bass, N, Brown, CJ, Suthers, I, Harvey, ES, Davis, A, Taylor, M; Movement of fishes among reefs and over soft sediments within a temperate embayment: the necessity and implication of movement data for spatial management; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Nathan Knott
- Marzullo, T, Taylor, M, Payne, N, Suthers, I; Shedding light on the spatial ecology of the estuary stingray, *Dasyatis fluviorum*; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Tegan Marzullo
- Steckenreuter, A, Peddemors, V, Simpfendorfer, C, Hoenner, X, Tattersall, K, Babcock, R, Huveneers, C, Heupel, M, Meekan, MG, Harcourt, R; Optimising the integrity of a national network of acoustic telemetry research infrastructure in Australia ; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Andre Steckenreuter
- van der Meulen, D, Payne, N, Gray, C, Walsh, CT, Reinfelds, I, Suthers, I, Taylor, M; Temperature-mediated spawning migrations of an estuarine-dependent sillaginid; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Dylan van der Meulen
- Zhang, X, Eguiluz, V; Human Mobility; Enrichment in the Fall - Marine Megafauna Movement: exploring new technologies for a better understanding of animal movement across the ocean, 16/10/2015 - 24/10/2015, King Abdul University of Science and Technology, Jeddah, Presenter(s): Xueban Zhang
- Knott, N, Ferguson, A, Fetterplace, L, Marzullo, T, Bass, N, Brown, CJ, Suthers, I, Harvey, ES, Davis, A, Taylor, M; Movement of fishes among reefs and over soft sediments within a temperate embayment: the necessity and implication of movement data for spatial management; Ecological Society of Australia Conference, 29/11/2015 - 03/12/2015, Adelaide, Presenter(s): Nathan Knott
- Bailleul, F, Goldsworthy, S, Mackay, A, Rogers, P, Page, B, Baylis, A, Mckenzie, J, Jonsen, I, Hindell, MA; The places to be in the Great Australian Bight: areas of ecological significance for multiple iconic species; 21st Biennial Conference on the Biology of Marine Mammals, 13/12/2015 - 18/12/2015, San Fransisco, Presenter(s): Fred Bailleul
- Harcourt, R, McMahon, C, Jonsen, I, Goldsworthy, S, Hindell, MA, Thums, M; IMOS: How seals are changing the way we monitor the Southern Ocean; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Rob Harcourt
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Harcourt, R, Mustafid, H; The 3rd international animal telemetry data standardization meeting; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Rob Harcourt

Jonsen, I; Hierarchical state-space models improve estimation of behavioural states from animal movement data; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Iain Jonsen

Labrousse, S; Under the sea ice: exploration of the relationships between sea ice patterns and foraging movements of a marine predator in East Antarctica; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Sarah Labrousse

Harcourt, R; IMOS Animal Tracking in Australia: what has been achieved and what of the future; Ocean Tracking Network Conference, 31/05/2016 - 03/06/2016, Halifax, Presenter(s): Rob Harcourt

Espinoza, M; Resource partitioning and trophic relationships of large predatory fishes in a coral reef ecosystem; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Mario Espinoza

Heupel, M; Drivers in reef shark movement: what's most important? ; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Michelle Heupel

Matley, J; Using complimentary sampling methods to address similar questions: resource and habitat use of sympatric coral trout; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Jordan Matley

Schlaff, A; The effects of environmental factors on blacktip reef sharks, *Carcharhinus melanopterus*, on an inshore reef; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Audrey Schlaff

Scott, M; Effects of temperature on in situ behaviour and activity of coral trout, *Plectropomus leopardus* on the Great Barrier Reef, Australia; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Molly Scott

Heupel, M; Drivers of reef shark movement: what's most important?; American Elasmobranch Society Conference, 06/07/2016 - 10/07/2016, New Orleans, Presenter(s): Michelle Heupel

Heupel, M; A moving target: marine protected area conservation of reef sharks; 4th International Marine Conservation Congress, 30/07/2016 - 03/08/2016, St. John's, Presenter(s): Michelle Heupel

McMahon, C, Harcourt, R; IMOS: Southern Ocean Observations in real time for the global research community; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Clive McMahon

Roquet, F, Boehme, L, Bester, M, Brasseur, S, Charrassin, J-B, Costa, D, Fedak, M, Guinet, C, Hall, A, Harcourt, R, Hindell, MA, Kovacs, K, Lydersen, C, McMahon, C, Picard, B, Reverdin, G, Vincent, C; When diving animals help us to observe the oceans: the MEOP data portal; International Conference on Marine Data and Information Systems (IMDIS), 11/10/2016 - 13/10/2016, Gdansk, Presenter(s): Fabian Roquet

Adams, K; The soft sediment impediment: can marine reserves protect elasmobranch species in sandy habitats? ; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Kye Adams

Armstrong, A; Cleaning station visitation and habitat use of *Manta alfredi* on the east coast of Australia; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Amelia Armstrong

Babcock, R; Long distance seasonal spawning migrations of *Lethrinus nebulosus* at Ningaloo Reef; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Russ Babcock

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Bierwagen, S; Niche partitioning and space use of reef predators in the Central Great Barrier Reef; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Stacy Bierwagen

Braccini, M; Acoustic monitoring reveals the broad-scale movements of commercially important sharks; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): J. Matias Braccini

Dudgeon, C; Applications of telemetry to studying fish populations: common and not-so-common approaches; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Chris Dudgeon

Harcourt, R, Jaine, F, McDowall, P, Van Den Broek, J; IMOS Animal Tracking Facility: 10 years on and going strong; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Rob Harcourt

Hoenner, X; Australia's continental scale acoustic tracking database and its automated quality control process; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Xavier Hoenner

Knott, N; Are open coastal sediment fishes always highly mobile? An assessment of the movement patterns of the bluespotted flathead; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Nathan Knott

Patterson, T, et, al.; Estimating juvenile white shark mortality from a continental scale array; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Toby Patterson

Pillans, R; Residency, habitat use and repeated long distance movements of adult sicklefin lemon sharks at Ningaloo Reef Australia; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): R Pillans

Scott, M; The effects of temperature on activity and habitat use of coral trout, *Plectropomus leopardus*, on the Great Barrier Reef; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Molly Scott

Semmens, J; Response of Atlantic salmon, *Salmo salar*, to temperature and dissolved oxygen extremes established using animal-borne environmental stressors; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Jayson Semmens

Taylor, M; Acoustic telemetry, fish movements, and contamination in Sydney Harbour; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Matt Taylor

Walsh, P; Implementing a governance model for sharing global animal tracking data; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Peter Walsh

Brinkman, R; Sustainable Development of the North's Blue Economy – the role of IMOS to date, and into the future; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Richard Brinkman

Griffin, DA, Oke, PR; Circulation of the Great Australian Bight: the influence of waves and the Leeuwin Current; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Peter Oke

Harcourt, R; IMOS Animal Tracking, 10 years of age and going strong; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Rob Harcourt

Heupel, M; Exploring national-scale fish movements through the IMOS Animal Tracking Facility; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Michelle Heupel

Heerah, K, Hindell, MA, Andrews-Goff, V, Field, IC, McMahon, C, Charrassin, J-B; Contrasting behaviour between two populations of an ice-obligate predator in East-Antarctica; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): Karine Heerah

Huckstadt, L, Holser, RR, Tift, MS, Charrassin, J-B, Fedak, M, Guinet, C, Hindell, MA, McMahon, C, Costa, D; Estimating pregnancy rates from diving behavior: A comparison across the range of Southern elephant seals; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): Luis Huckstadt

Jonsen, I, Bestley, S, Harcourt, R, Hindell, MA, McMahon, C, Mills Flemming, J, Wotherspoon, S; Fast inference of behaviour underlying animal movement and habitat use; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): Iain Jonsen

Labrousse, S, Tamura, T, Fraser, AD, Bestley, S, Sallee, J-B, Sumner, MD, Williams, G, Roquet, F, Guinet, C, Harcourt, R, McMahon, C, Bailleul, F, Hindell, MA, Charrassin, J-B; Coastal polynyas: A top predator winter oasis in East Antarctica; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): Sarah Labrousse

McMahon, C, Harcourt, R, Hindell, MA; Elephant seal mothers expend more on their offspring when conditions are favourable and less when they are poor; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): Clive McMahon

O'Toole, M, Cotte, C, Hindell, MA, Guinet, C, Weimerskirch, H, d'Ovidio, F; Physical features of multi-species habitat in the face of climate change; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): M O'Toole

Bruce, B; Broad-scale movements of white sharks in eastern Australia from acoustic and satellite telemetry; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Bary Bruce

Kadar, J; Accelerometry reveals diel activity patterns in Port Jackson sharks, *Heterodontus portusjacksoni*; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Julianna Kadar

Keller, K; Multispecies presence and connectivity around a designed artificial reef off coastal Sydney; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Krystle Keller

Lara-Lopez, A, Moltmann, T, Proctor, R; Measuring and understanding change: IMOS initiatives and tools relevant to fish and fisheries; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Tim Moltmann

Bestley, S, Jonsen, I, Langrock, R, Michelot, T, Photopoulou, T, Thygesen, U, Patterson, T; Animal movement and prediction: modelling animal behaviour in a changing climate ; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): Sophie Bestley

Harcourt, R, McMahon, C, Jonsen, I, Hindell, MA, Goldsworthy, S, Bailleul, F, Roquet, F, Williams, G, Labrousse, S, Bestley, S, Guinet, C; Australia's Integrated Marine Observing System Animal Tracking Facility seals as oceanographer's program comes of age ; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): Rob Harcourt

Jonsen, I, Bestley, S, Harcourt, R, Hindell, MA, McMahon, C, Mills Flemming, J, Wotherspoon, S; Fast inference of behaviour underlying animal movement and habitat use; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): Iain Jonsen

McMahon, C, Bestley, S, Guinet, C, Harcourt, R, Jonsen, I, Trebilco, R, Roquet, F, Hindell, MA; A decade of tracking seals reveals meso-pelagic prey will be harder to find in a warming Southern Ocean; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): Clive McMahon

Pauthenet, E, Roquet, F, Madec, G, Guinet, C, Hindell, MA, McMahon, C, Harcourt, R; Instrumented seals help refining the frontal mapping of the Southern Indian Ocean ; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): E Pauthenet

Jonsen, I, Bestley, S, Hindell, MA, McMahon, C, Mills Flemming, J, Wotherspoon, S; Fast inference of behaviour underlying animal movement and habitat use. A Marine Mammal Odyssey, Eh!; Society for Marine Mammalogy Conference, 23/10/2017 - 27/10/2017, Halifax, Presenter(s): Iain Jonsen

Lowther, A; The conservation dilemma: Integrating ecological and molecular data to determine appropriate management units for the Australian sea lion *Neophoca cinerea*; Royal Society of South Australia, University of Adelaide, Adelaide, Presenter(s): Andrew Lowther

Matley, J, Simpfendorfer, C, Tobin, M, Fisk, AT, Heupel, M; Niche partitioning of sympatric coral trout determined by stable isotopes and acoustic telemetry; College of Marine and Environmental Sciences Conference, James Cook University, Townsville, Presenter(s): Jordan Matley

## Conference Poster

Harcourt, R, Suthers, I, Huveneers, C, Semmens, J; Australian Acoustic Tracking and Monitoring System (AATAMS); 7th Conference on Fish Telemetry, 17/06/2007 - 21/06/2007, Silkeborg

Harcourt, R, Suthers, I, Huveneers, C, Semmens, J; Australian Acoustic Tracking and Monitoring System (AATAMS); Ocean Tracking Network Workshop for South Africa, 16/07/2007 - 17/07/2007, Cape Town

Townsend, K, Couturier, L, Bennett, M, Weeks, S; Oceanic conditions, chlorophyll-a and zooplankton: exploring the reasons for seasonal migrations of manta rays in Southern Queensland Waters; Oceania Chondrichthyan Society Conference, 22/09/2008 - 24/09/2008, Sydney, Presenter(s): Kathy Townsend

Boomer, A, Huveneers, C, Semmens, J, Harcourt, R; The Australian Acoustic Tagging and Monitoring System (AATAMS): creating a network of acoustic receivers for the community. ; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Bruce, B, Bradford, RW; The potential for aerial surveys of juvenile white sharks in eastern Australia; International White Shark Symposium, 07/02/2010 - 10/02/2010, Honolulu

White, J, Heupel, M, Simpfendorfer, C, Tobin, A; Assessing the susceptibility of *Glaucostegus typus*, *Rhynchobatus australiae* and *Anoxypristis cuspidata* to commercial fishing activity; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Brodie, S, Taylor, M, Smith, JA, Gray, C, Suthers, I, Payne, N; Estimating the consumption rate of a marine predator using field-derived activity measurements ; Society of Experimental Biology Conference , 30/06/2010 - 03/07/2010, Prague, Presenter(s): Stephanie Brodie

Boomer, A, Huveneers, C, Goldsworthy, S, Hindell, MA, Semmens, J, Tattersall, K, Field, IC, Harcourt, R; Australian Animal Tagging and Monitoring System (AATAMS): higher predators providing sustained observations of the marine environment; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Cleeland, J, Hindell, MA, Lea, MA; The 'honeymoon' flights of the shot-tailed shearwater (*Puffinus tenuirostris*); Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Jaimie Cleeland

Couturier, L, Bennett, M, Townsend, K, Richardson, A, Weeks, S; Residency, site fidelity and habitat use of the manta ray, *Manta alfredi*, at Lady Elliot Island, Australia: Application of mixed effects models on acoustic telemetry data; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Lydie Couturier

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Jaine, F, Couturier, L, Bennett, M, Townsend, K, Richardson, A, Weeks, S; Going with the flow: Horizontal movements of the plankton-feeding manta ray *Manta alfredi* and links to dynamics and productivity of the East Australian Current; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Fabrice Jaine

Jaine, F, Weeks, S, Townsend, K, Richardson, A, Bennett, M; Movements of the plankton-feeding manta ray *Manta alfredi* and dynamics of the East Australian current ; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Fabrice Jaine

Udyawer, V, Knip, D, White, J, Heupel, M, Simpfendorfer, C; Evacuation of a coastal bay: movement patterns of elasmobranch in response to Tropical Cyclones Anthony and Yasi; Australian Society for Fish Biology, 22/07/2011 - 24/07/2011, Townsville

White, J, Heupel, M, Simpfendorfer, C, Tobin, A; Assessing the susceptibility of *Glaucostegus typus*, *Rhynchobatus australiae* and *Anoxypristis cuspidata* to commercial fishing activity; Australian Society for Fish Biology, 22/07/2011 - 24/07/2011, Townsville

Lee, K, Harcourt, R; Does small work? Assessing the movement of eastern blue groper in relation to a small marine reserve; Faculty of Science Conference, 14/09/2011 - 14/09/2011, Macquarie University, Sydney, Presenter(s): Kate Lee

Ledee, E, Simpfendorfer, C, Heupel, M, Tobin, A; The utility of network analysis in studying aquatic animal movements: an example from two nearshore shark species; 33rd International Ethological Conference, 04/08/2013 - 08/08/2013, Newcastlehead, Presenter(s): Elodie Ledee

Moltmann, T, Proctor, R, Donoghue, S; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

Braccini, M, McCauley, R; Going spatial: movement information and population dynamics of commercially-fished Western Australian sharks; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): J. Matias Braccini

Currey, L, Heupel, M, Simpfendorfer, C, Williams, A; Environmental drivers for movement of an exploited coral reef fish; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Leanne Currey

Currey, L, Heupel, M, Simpfendorfer, C, Williams, A; Environmental drivers for movement of an exploited coral reef fish; AIMS@JCU Seminar Day, 08/08/2014 - 08/08/2014, Townsville, Presenter(s): Leanne Currey

Currey, L, Heupel, M, Simpfendorfer, C, Williams, A; A mobile predator? Variable space and depth use patterns of an exploited coral reef fish; 5th International Bio-Logging Science Symposium, 22/09/2014 - 26/09/2014, Strasbourg, Presenter(s): Leanne Currey

Currey, L, Heupel, M, Simpfendorfer, C, Williams, A; Environmental drivers of depth use by an exploited reef fish; 5th International Bio-Logging Science Symposium, 22/09/2014 - 26/09/2014, Strasbourg, Presenter(s): Leanne Currey

Currey, L, Heupel, M, Simpfendorfer, C, Williams, A; Environmental drivers for movement of an exploited coral reef fish; North Queensland Festival of Life Sciences, 04/11/2014 - 04/11/2014, James Cook University, Townsville, Presenter(s): Leanne Currey

Hoenner, X; A billion oceanographic measurements taking advantage of IMOS data; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Xavier Hoenner

Hoenner, X; A billion oceanographic measurements taking advantage of IMOS data; eResearch Australasia, 19/10/2015 - 23/10/2015, Brisbane, Presenter(s): Peter Blain, Sebastien Mancini

Jaine, F, McDowall, P, Van Den Broek, J, Harcourt, R; IMOS Animal Tracking Facility: 10 years of acoustic telemetry work around Australia; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Fabrice Jaine

### **Course Presentation**

Huveneers, C, Simpfendorfer, C, Kim, S, Semmens, J, Boomer, A, Heupel, M, Peddemors, V, Hobday, A, Stieglitz, T, Pederson, H, Vallee, R, Webber, D, Harcourt, R; The influence of depth, orientation, and environmental parameters on the performance and detection range of acoustic receivers; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Charlie Huveneers

Brodie, S; Fish and chips: electronic approaches to understanding the ecology and behaviour of aquatic animals; Topics in Australian Marine Science (TAMS) Workshop, 06/03/2014 - 30/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Stephanie Brodie

### **Key Note Speaker**

Bruce, B; Research on white sharks in Australian waters; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Bary Bruce

Semmens, J; Where, when, how and why: Using acoustic telemetry to understand marine animal movement, behaviour and physiology; Australian Society for Fish Biology and Oceana Chondrichthyan Society Joint Meeting, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Jayson Semmens

Harcourt, R; Dealing with the data: novel approaches from Down-Under; Ocean Tracking Network (OTN) Conference, 03/06/2013 - 05/06/2013, Halifax, Presenter(s): Rob Harcourt

Harcourt, R; OTN and the Australian Animal Tagging and Monitoring System; Ocean Tracking Network (OTN) Conference, 03/06/2013 - 05/06/2013, Halifax, Presenter(s): Rob Harcourt

Harcourt, R; Are animals the new oceanographers; Sea Life Trust Student Award Night, 27/10/2015 - 27/10/2015, Sydney Aquarium, Sydney, Presenter(s): Rob Harcourt

### **Meeting Presentation**

Harcourt, R, Huveneers, C; Australian Acoustic Tagging and Monitoring System (AATAMS); NSW-IMOS Node Meeting, 04/06/2007 - 04/06/2007, Sydney Institute for Marine Science, Sydney

Huveneers, C, Harcourt, R, Suthers, I, Semmens, J; The Australian Acoustic Tagging and Monitoring System (AATAMS) – Applications for the investigation of shark movements and residence time; Oceania Chondrichthyan Society Conference, 22/09/2008 - 24/09/2008, Sydney

Harcourt, R; Australian Acoustic Tagging and Monitoring System: AATAMS current status and future plans; NSW-IMOS Node Meeting, 30/04/2009 - 30/04/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Rob Harcourt

Harcourt, R; Australian Acoustic Tagging and Monitoring System: AATAMS progress in IMOS1 & prospects for IMOS 2; ESCII Meeting, 18/06/2009 - 18/06/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Rob Harcourt

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Heupel, M, Simpfendorfer, C, Knip, D, Chin, A, White, J; Spatial ecology of nearshore elasmobranchs; Joint Meeting of Ichthyologists and Herpetologists, 07/07/2010 - 12/07/2010, Providence

Knip, D, Heupel, M, Simpfendorfer, C, Maloney, J, Tobin, A; Site fidelity and habitat use of the spot-tail shark (*Carcharhinus sorrah*) in a tropical nearshore environment; Joint Meeting of Ichthyologists and Herpetologists, 07/07/2010 - 12/07/2010, Providence

Harcourt, R; The Australian Animal Tracking and monitoring System: an integral component of the Ocean Tracking Network; Canadian High Commission, 02/08/2012 - 02/08/2012, Canberra, Presenter(s): Rob Harcourt

Heupel, M, Mapleston, A, Simpfendorfer, C; Going over the wall: fate of stocked barramundi; 92nd Meeting of the American Society of Ichthyologists and Herpetologists, Vancouver, Presenter(s): Michelle Heupel

Meekan, MG; Tracking marine megafauna off the northern coast of Western Australia; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Mark Meekan

Harcourt, R; The Australian Animal Tracking and Monitoring System: lessons for OTN?; International Scientific Advisory Committee Meeting, 19/11/2012 - 21/11/2012, Halifax, Presenter(s): Rob Harcourt

Babcock, R; Habitat use of Spangled Emperor in the Ningaloo Marine Park and its implication for zoning and management of the Ningaloo Reef World Heritage Area; Ningaloo Reef World Heritage Committee Meeting, 16/06/2014 - 16/06/2014, Coral Bay, Presenter(s): Russ Babcock

Harcourt, R; White Sharks, Australian Animal Tracking and global links through the Ocean Tracking Network; Shark Mitigation Strategies and Alternatives Briefing, 16/07/2014 - 16/07/2014, Canberra, Presenter(s): Rob Harcourt

Hindell, MA, McMahon, C, Bester, M, Boehme, L, Costa, D, Fedak, M, Guinet, C, Herraiz-Borreguero, L, Harcourt, R, Huckstadt, L, Kovacs, K, Lydersen, C, McIntyre, T, Muelbert, M, Patterson, T, Roquet, F, Williams, G, Charrassin, J-B; Circumpolar habitat use in the southern elephant seal: implications for foraging success and population trajectories; SCAR Open Science Meeting, 23/08/2014 - 27/08/2014, Auckland, Presenter(s): Mark Hindell

McMahon, C, Harcourt, R, Hindell, MA; The Southern Ocean animal-borne sensor program of the Integrated Marine Observing System (AATAMS\*); SCAR Open Science Meeting, 23/08/2014 - 27/08/2014, Auckland, Presenter(s): Clive McMahon

Sequeira, A, Rodriguez, J, et, al.; Comparative analysis of movement patterns of marine vertebrates; Enrichment in the Fall - Marine Megafauna Movement: exploring new technologies for a better understanding of animal movement across the ocean, 16/10/2015 - 24/10/2015, King Abdul University of Science and Technology, Jeddah, Presenter(s): Ana Sequeira

Thums, M, Fernandez-Gracia, J, Sequeira, A, Eguiluz, V, Duarte, CM, Meekan, MG; How big data and complex systems approaches can advance new technologies for a better understanding of animal movement across the ocean; Enrichment in the Fall - Marine Megafauna Movement: exploring new technologies for a better understanding of animal movement across the ocean, 16/10/2015 - 24/10/2015, King Abdul University of Science and Technology, Jeddah, Presenter(s): Michelle Thums

Harcourt, R, McMahon, C, Hoenner, X; Metadata standardization working group; 21st Biennial Conference on the Biology of Marine Mammals, 13/12/2015 - 18/12/2015, San Fransisco, Presenter(s): Rob Harcourt

Lee, K; Preliminary modelling of shark (attacks, netting) and oceanography; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Kate Lee

Espinoza, M, Heupel, M, Tobin, A, Simpfendorfer, C; Contrasting movements and habitat connectivity in reef-associated sharks: implications for management; National Environmental Research Program Meeting, Cairns, Presenter(s): Mario Espinoza

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Heupel, M, Simpfendorfer, C; Telemetry in the tropics; AATAMS Biannual Meeting, Sydney

### **Plenary Address**

Goldsworthy, S, Page, B, Baylis, A, Bool, N, Caines, N, Daly, K, Einoder, L, Hamer, D, Huveneers, C, Lowther, A, McLeay, L, Peters, K, Roberts, P, Rogers, P, Wiebkin, A, Bulman, C, Ward, T; Marine connectivity of high trophic level predators in the eastern Great Australian Bight: linking spatial and temporal use to regional oceanographic features; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Meekan, MG; Running on empty – how the world’s largest fish sustains a planktivorous life style; 85th Annual Australian Coral Reef Society (ACRS) Conference, 10/09/2010 - 12/09/2010, Coffs Harbour, Presenter(s): Mark Meekan

Heupel, M; Trials and triumphs of tracking in coastal systems; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Michelle Heupel

Babcock, R; Moreton Bay acoustic tracking array ; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Russ Babcock

Fetterplace, L, Taylor, M, Davis, A, Knott, N; The conservation of soft sediment fishes: the vast unknown; Ecological Society of Australia Conference, 29/11/2015 - 03/12/2015, Adelaide, Presenter(s): Lachlan Fetterplace

### **Symposium Presentation**

Heupel, M; Trends in fish tracking: where are the fish going and how will we follow them?; Advances in Fish Tagging and Marking Technology, 24/02/2008 - 28/02/2008, Auckland, Presenter(s): Michelle Heupel

Speed, CW, Meekan, MG, Field, IC, Bradshaw, CJA; The Ningaloo Reef Ecosystem Tracking Array and reef shark movement patterns; Annual Ningaloo Research Symposium, 28/05/2008 - 29/05/2008, Perth

Speed, CW, Meekan, MG, Field, IC, Huveneers, C, Harcourt, R, McCauley, R, Stevens, JD, Bradshaw, CJA; Monitoring reef shark movement patterns with the Ningaloo Reef ecosystem tracking array; Annual Ningaloo Research Symposium, 28/05/2008 - 29/05/2008, Perth

Huveneers, C, Harcourt, R; The Australian Acoustic Tagging and Monitoring System (AATAMS) - A national network for the investigation of migratory marine species; Biologging Science Symposium III, 01/09/2008 - 05/09/2008, Pacific Grove

Bradford, RW, Hobday, A, Bruce, B; Identifying juvenile white shark behaviour from electronic tag data; International White Shark Symposium, 07/02/2010 - 10/02/2010, Honolulu, Presenter(s): Russell Bradford

Bruce, B; Research and conservation efforts on white sharks in Australian waters - current status and future directions; International White Shark Symposium, 07/02/2010 - 10/02/2010, Honolulu, Presenter(s): Bary Bruce

Meekan, MG; Movement patterns of whale sharks at Ningaloo Reef; WAMSI Show and Tell Symposium, 09/02/2010 - 09/02/2010, Fremantle, Presenter(s): Mark Meekan

Speed, CW; Movement, feeding and behaviour of reef sharks at Ningaloo Reef; WAMSI Show and Tell Symposium, 09/02/2010 - 09/02/2010, Fremantle, Presenter(s): Conrad Speed

Hindell, MA; Foraging habitats of top predators, and areas of ecological significance, on the Kerguelen Plateau; International Science Symposium on the Kerguelen Plateau, 14/04/2010 - 16/04/2010, Concarneau, Presenter(s): Mark Hindell

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McGregor, KF; Frazer habitat utilisation and human conflict: a manta ray case study at Ningaloo Reef, Western Australia; Manta Ray Symposium, 01/06/2010 - 07/06/2010, Papeete, Presenter(s): Kenneth McGregor

Hindell, MA; From physics to predators: how Antarctic birds and mammals are influenced by the Southern Ocean; Phillip Law Commemorative Antarctic Science Symposium - Going South, 15/09/2010 - 15/09/2010, Melbourne, Presenter(s): Mark Hindell

Bradford, RW, Bruce, B, Boomer, A, Harcourt, R; The utility of broad-scale coastal sensor arrays in tracking continental scale movements of a top-order predator: Australia's tracking of white sharks; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Russell Bradford

Harcourt, R, Field, IC, Hindell, MA, Lea, MA, Goldsworthy, S, Page, B, Boomer, A; The Australian Animal Tagging and Monitoring System (AATAMS): time for us to grow up and share the data; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Rob Harcourt

Meekan, MG; The use of visual media with data in bio-logging; an example in whale sharks; Biologging IV Workshop - The use of Visual Media with Data in Biologging, 16/03/2011 - 16/03/2011, Hobart, Presenter(s): Mark Meekan

Babcock, R, Francis, M; Regional acoustic tagging (Ocean Tracking network). Movements across the Tasman Sea: Australia New Zealand collaboration increasing the intelligence of both countries; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Russ Babcock

Field, IC, Mattlin, R; Biologging through the Australian Animal Tracking and Monitoring System: Monitoring predators to identify key oceanographic features and areas of ecological significance for assessing biological responses to environmental change; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Iain Field

Hindell, MA; From physics to predators: how Antarctic birds and mammals are influenced by the Southern Ocean; Centennial Antarctic Symposium, 29/06/2012 - 29/06/2012, Shanghai Ocean University, Shanghai, Presenter(s): Mark Hindell

Hindell, MA, Fedak, M, Bailleul, F, Bester, M, Biuw, M, Boehme, L, Charrassin, J-B, Costa, D, Field, IC, Guinet, C, Huckstadt, L, Muelbert, M, Lydersen, C, McIntyre, T, Ploetz, J, Roquet, F, Williams, G, Kovacs, K; Three dimensional habitat structure in southern elephant seals; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Mark Hindell

Lowther, A, Harcourt, R, Page, B, Goldsworthy, S; "The Knowledge": male Australian sea lions and Hackney Cab Drivers share common attributes when it comes to knowing where to go; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Andrew Lowther

Cadiou, G, Chateau, O, Taylor, M, Booth, D, Wantiez, L; Small scale movements and habitat preferences of *Lutjanus fulviflamma*; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns, Presenter(s): Gwenael Cadiou

Bestley, S, Cox, MJ, Jonsen, I, Gales, N, Nicol, S, Hindell, MA, Harcourt, R; Quantifying links between bio-physical processes, krill and predators; 11th SCAR Biology Symposium, 15/07/2013 - 19/07/2013, Barcelona, Presenter(s): Sophie Bestley

Bowden, D; Locating the missing gestation aggregation site for critically endangered GNS, *Carcharias taurus*; Grey Nurse Shark Symposium, 21/09/2013 - 21/09/2013, Brisbane, Presenter(s): Deb Bowden

Harcourt, R; OTN and AATAMS: 5 years on and going strong; Ocean Tracking Network (OTN) Symposium, 02/06/2014 - 05/06/2014, Ottawa, Presenter(s): Rob Harcourt

Marzullo, T; Divergent thermal performance in wild, co-habiting stingrays; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Tegan Marzullo

Steckenreuter, A, Simpfendorfer, C, Peddemors, V, Hoenner, X, Burgess, J, Tattersall, K, Harcourt, R, Van Den Broek, J, McDowall, P; Australia's national database for acoustic monitoring of marine species - a collaborative approach; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Andre Steckenreuter

Hindell, MA, Sumner, MD, Bestley, S, Wotherspoon, S, Harcourt, R, Lea, MA, Alderman, R, McMahon, C; Decadal changes in the habitats of southern elephant seals influence population trajectories; CLIOTOP 3rd Symposium, 14/09/2015 - 18/09/2015, San Sebastian, Presenter(s): Mark Hindell

Harcourt, R; Data citation: the good, the bad and the ugly; Referencing data in publications: principles, policy and practice, 28/10/2015 - 28/10/2015, Canberra, Presenter(s): Rob Harcourt

Fowler, A, Lloyd, M, Huveneers, C; Acoustic telemetry informs about movement behaviour of snapper in Northern Gulf St. Vincent - thoughts for spatial management ; AMSA South Australian Branch 10th Symposium, 30/10/2015 - 30/10/2015, Flinders University, Adelaide, Presenter(s): Anthony Fowler

Dwyer, R; Using telemetry to formulate conservation plans for migratory species: optimising closure scenarios to reduce bycatch of a critically endangered shark; Society for Conservation Biology Symposium, 04/07/2016 - 10/07/2016, Brisbane, Presenter(s): Ross Dwyer

Harcourt, R; Data sharing and aquatic telemetry: a challenge to maximizing effective conservation outcomes; Society for Conservation Biology Symposium, 04/07/2016 - 10/07/2016, Brisbane, Presenter(s): Rob Harcourt

Steckenreuter, A; A cultural change in sharing acoustic telemetry data and advantages for the meta-analysis of a national database; Society for Conservation Biology Symposium, 04/07/2016 - 10/07/2016, Brisbane, Presenter(s): Andre Steckenreuter

Hindell, MA, Bestley, S, Guinet, C, Harasawa, S, Jonsen, I, Trebilco, R, Roquet, F, McMahon, C; A decade of tracking seals reveals meso-pelagic prey will be harder to find in a warming Southern Ocean; Second Symposium on Kerguelen Plateau Marine Ecosystems and Fisheries, 13/11/2017 - 15/11/2017, Hobart, Presenter(s): Mark Hindell

Espinoza, M, Heupel, M, Tobin, A, Simpfendorfer, C; Contrasting movements and habitat connectivity in reef-associated sharks: implications for management; Marine Science Symposium, San Jose, Presenter(s): Mario Espinoza

## **Workshop Presentation**

Huveneers, C; Australian Acoustic Tracking and Monitoring System (AATAMS); Ocean Tracking Network Data Management Committee Workshop, 06/10/2007 - 07/10/2007, Halifax, Presenter(s): Charlie Huveneers

Harcourt, R, Huveneers, C; The formation of the Australian Acoustic Tagging and Monitoring System (AATAMS): background and aims; Vemco and AATAMS Acoustic Telemetry Workshop, 21/11/2007 - 23/11/2007, Sydney Institute for Marine Science, Sydney

Huveneers, C, Harcourt, R; Australian Acoustic Tagging and Monitoring System (AATAMS) in practice - Deployments, projects and data management; Vemco and AATAMS Acoustic Telemetry Workshop, 21/11/2007 - 23/11/2007, Sydney Institute for Marine Science, Sydney

Harcourt, R; The Australian Integrated Marine Observing System, IMOS: potential for integration with blue whale studies; Blue Whale Workshop, 12/07/2009 - 16/07/2009, Flinders University, Adelaide, Presenter(s): Rob Harcourt

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Abecasis, D; Multispecies spatial dynamics under different protection levels: An evaluation of the effects and optimal design of the Luiz Saldanha Marine Park (Portugal); AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): David Abecasis

Bruce, B; Using acoustic telemetry to track the movements of white sharks; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Bary Bruce

Crook, D; Diadromous migrations of short finned eels and tupong in Victorian coastal streams; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): D Crook

Duffy, C, Francis, M, Montgomery, J; Proposed acoustic array at Stewart Island; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Field, IC, Meekan, MG, Bradshaw, CJA; Habitat use and residency patterns of grey reef sharks (*Carcharhinus amblyrhynchos*) at the Rowley Shoals, Western Australia; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Harcourt, R; Australian Acoustic Tagging and Monitoring System: What is AATAMS current status and where to the future? ; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Rob Harcourt

Heupel, M, Simpfendorfer, C; Telemetry in the tropics; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Hutchinson, N, Rhodes, K; Home range estimates for squaretail coralgrouper, *Plectropomus areolatus* (Rüppell 1830); AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Huveneers, C, Harcourt, R, Boomer, A, Hobday, A, Pederson, H, Semmens, J, Stieglitz, T, Vallee, R, Webber, D, Heupel, M, Simpfendorfer, C, Peddemors, V; The influence of environmental parameters (meteorological and oceanographic) on the performance of acoustic receivers; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Knip, D, Heupel, M, Simpfendorfer, C, Tobin, M, Maloney, J; Home range and movement patterns of juvenile pigeye sharks (*Carcharhinus amboinensis*) in Cleveland Bay, north Queensland; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Lee, K, Huveneers, C, Peddemors, V, MacDonald, T, Harcourt, R; Assessing the efficiency of small marine protected areas for the conservation of eastern blue groper and wobbegong sharks; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Otway, N, Ellis, MT, Loudon, BM, Gilligan, JJ; Using acoustic telemetry to obtain experimental, observer-independent assessments of the effects of scuba diving on grey nurse sharks; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Peddemors, V, Robbins, W, Smoothey, A, Lee, K, Gray, C; Sydney's Sharks - I&I NSW Shark Research Programs; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Pederson, H, Leith, A, Gillespie, W, Tracey, S, Forbes, E, Semmens, J, Field, IC; Identifying patterns and relationships in acoustic telemetry data through 4D data fusion and visualization; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Pillans, R, Babcock, R; Using acoustic tracking data for testing Marine Park zoning adequacy in the Ningaloo Marine Park; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

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Reinfelds, I, Walsh, CT; Magnitude, frequency and duration of environmental flows to stimulate catadromous fish migrations: Australian bass (*Macquaria novemaculeata*); AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Simpfendorfer, C; The joys of interpreting VR2 data; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Colin Simpfendorfer

Smoothey, A, Peddemors, V, Robbins, W, Gray, C; Patterns of movement of bull sharks in Port Jackson, NSW; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Stokesbury, MJW; Update on the Ocean Tracking Network (OTN); AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): M Stokesbury

Williams, A, Daley, R; Listening in the deep sea: an array of VR2s that tracks movements of demersal sharks on the upper continental slope (200-700 m depths); AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Williams, G; New insights into polynya dynamics from seal-mounted CTDs; SASSI Workshop, International Polar Year Science Conference, 07/06/2010 - 07/06/2010, Oslo, Presenter(s): Guy Williams

Field, IC, Harcourt, R, Hindell, MA; Biologging and the Australian Acoustic Tracking and Monitoring System (AATAMS); Ocean Tracking Network (OTN) Data Management Committee Workshop, 06/11/2010 - 07/11/2010, Halifax, Presenter(s): Iain Field

Meekan, MG; Tracking mega-fauna in the north-west of Australia; WAIMOS Science & Data Uptake Workshop, 25/02/2011 - 25/02/2011, University of Western Australia, Perth, Presenter(s): Mark Meekan

Meekan, MG; Tracking megafauna at Ningaloo Reef; AATAMS Biennial Workshop, 08/07/2011 - 08/07/2011, Fremantle, Presenter(s): Mark Meekan

Speed, CW; Ecology of reef sharks at Ningaloo; AATAMS Biennial Workshop, 08/07/2011 - 08/07/2011, Fremantle, Presenter(s): Conrad Speed

Brodie, S; The energetics and behaviour of yellowtail kingfish, *Seriola lalandi*; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Stephanie Brodie

Dwyer, D; Assisting in the management, analysis and visualisation of acoustic telemetry data: current tools and new developments in the V-Track software; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Dan Dwyer

Harcourt, R; Observing the world's oceans: Australia's role in the OTN through AATAMS; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Rob Harcourt

Keller, K; The behaviour, fidelity and interaction of non-recreational elasmobranches associated with a Sydney Offshore Artificial Reef (OAR); AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Krystle Keller

Marzullo, T; Stingray movements - a step toward revealing the environmental and physiological drivers behind their behaviour; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Tegan Marzullo

Meynecke, J; Going with the flow: migratory patterns of the female mud crab *Scylla serrata* (Forsk.); AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Jan-Olaf Meynecke

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Simpfendorfer, C; Measures of activity space in acoustic monitoring studies; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Colin Simpfendorfer

Thums, M; Understanding the early offshore movement patterns of turtle hatchlings and the effects of anthropogenic light - a pilot study using acoustic telemetry; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Michelle Thums

Whoriskey, F; The Ocean Tracking Network; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Fred Whoriskey

Hindell, MA; Animal oceanographers in SOOS; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Mark Hindell

Hindell, MA; Marine mammals collect under-ice data during winter in the Southern Ocean; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Mark Hindell

Peddemors, V; Shark fisheries: research into assisting their management; Topics in Australian Marine Science (TAMS) Workshop, 06/03/2014 - 30/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Vic Peddemors

Harcourt, R; Oceans of opportunity, an Australian perspective on continental scale observing; An Ocean of Opportunity: Mutual Goals, shared resources, effective outcomes, 06/06/2014 - 06/06/2014, Ocean Tracking Network, Ottawa, Presenter(s): Rob Harcourt

McMahon, C, Harcourt, R; AATAMS - Biologging - what is it, what is available data wise - services provided to research community; SIMS Workshop, 29/07/2014 - 30/07/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Clive McMahon

Bestley, S; Working group on animal movement prediction 2015 (AMP2015) - first meeting final report; Working group on Animal Movement Prediction 2015 (AMP2015), 15/06/2015 - 18/06/2015, St. Andrews, Presenter(s): Sophie Bestley

Hoenner, X; The Integrated Marine Observing System: ocean observations to understand ecosystem responses to climate change; AATAMS Biennial Workshop, 15/10/2015 - 15/10/2015, Sydney, Presenter(s): Xavier Hoenner

Knott, N, Ferguson, A, Fetterplace, L, Marzullo, T, Bass, N, Brown, CJ, Suthers, I, Harvey, ES, Davis, A, Taylor, M; Movement of fishes among reefs and over soft sediments within a temperate embayment: the necessity and implication of movement data for spatial management; AATAMS Biennial Workshop, 15/10/2015 - 15/10/2015, Sydney, Presenter(s): Nathan Knott

Hindell, MA, Ropert-Coudert, Y, Bornemann, H, Jonsen, I, Trathan, P, Lea, MA, Wotherspoon, S, Huckstadt, L, Reisinger, R, Putte, VD; A multidisciplinary workshop of the Expert Group on Birds and Marine Mammals; Second Scar Retrospective Analysis of Antarctic Tracking Data Workshop, 04/04/2016 - 06/04/2016, Delmenhorst, Presenter(s): Mark Hindell

Harcourt, R, Pirotta, V, Grech, A, Jonsen, I, Slip, D, Peddemors, V; Entanglement of migrating whales down under, the search for an effective mitigation strategy; Fishing and Aquaculture Gear Workshop, 22/05/2016 - 26/05/2016, Princeton, Presenter(s): Rob Harcourt

Dudgeon, C; Tracking seasonal migratory movements in leopard sharks; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Chris Dudgeon

Dwyer, R; Tracking northern giants; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Ross Dwyer

Fox, R; IMOS Animal Tracking receiver pool project 2015 - lowering batteries to entry by ECRs; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Rebecca Fox

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Harcourt, R; IMOS Animal Tracking - The next 10 years; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Rob Harcourt

Hoenner, X; IMOS Ocean Portal; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Xavier Hoenner

Lahoz-Monfort, J; Introducing the SCB conservation technology working group; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): J Lahoz-Monfort

McDowall, P; IMOS Animal Tracking - mooring designs; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Phil McDowall

Pederson, H; Vemco acoustic technology overview and study design; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): H Pederson

Steckenreuter, A; IMOS Animal Tracking database - web app use and news; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Andre Steckenreuter

Middleton, J, Griffin, DA, Luick, J, Herzfeld, M; Hydrodynamic modelling of the circulation in the Great Australian Bight; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): John Middleton

Roquet, F, Boehme, L, Bester, M, et, al.; In-situ observations using tagged animals; ALPS-II Workshop - Autonomous and Lagrangian Platforms and Sensors, 21/02/2017 - 24/02/2017, La Jolla, Presenter(s): Fabian Roquet

Armstrong, A; Movements of manta rays off eastern Australia tracked by acoustic telemetry; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Amelia Armstrong

Babcock, R; Ningaloo Reef Tracking Array update; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Russ Babcock

Harcourt, R; Trials and tribulations in the design and implementation of a national acoustic receiver network; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Rob Harcourt

Heupel, M; IMOS ATF Task Team: updates on national scale analyses; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Michelle Heupel

Hoenner, X; A new quality-control procedure for Australia's IMOS acoustic database ; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Xavier Hoenner

Jaine, F; IMOS Animal Tracking Facility: Database status and updates; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Fabrice Jaine

McDowall, P, Van Den Broek, J; IMOS Animal Tracking Facility: Logistical and Technical perspective; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Phil McDowall

Mitchell, J; IMOS ATF Receiver Pool Project: Habitat use of Galapagos sharks at Lord Howe Island, NSW; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Jonathan Mitchell

Stanley, D; IMOS mobile tracking: towards acoustic receivers on IMOS Ocean Gliders; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Dennis Stanley

Udyawer, V; Standardising the analysis of acoustic telemetry data to enable continental-scale and multi-species comparisons; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Vinay

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Udyawer

Whoriskey, F; Australia in the Ocean Tracking Network; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Fred Whoriskey

Schlaff, A; Biological and environmental effects on activity space of a common reef shark on an inshore reef; Australian Coral Reef Society Annual Meeting, 16/07/2017 - 18/07/2017, Townsville, Presenter(s): Audrey Schlaff

McMahon, C, Hindell, MA, Harcourt, R; IMOS, monitoring & animal oceanographers; The Southern Ocean Observing System Southern Ocean Indian Sector (SOIS) Working Group, 12/08/2017 - 16/08/2017, Hayama, Presenter(s): Clive McMahon

Eguiluz, V; A complex systems approach to movement behaviour of a large marine predator: southern elephant seals as a case study; Marine Megafauna Movement: exploring new technologies for a better understanding of animal movement across the ocean, Kochi University, Jeddah, Presenter(s): V Eguiluz

Type Count

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## Wireless sensor networks

### Conference Oral Presentation

Bainbridge, S; A services based architecture for achieving interoperability of environmental observational data; Environmental Information Management Conference , 10/09/2008 - 11/09/2008, Albuquerque, Presenter(s): Scott Bainbridge

Bainbridge, S, Rehbein, MA, Feather, G, Eggeling, D; Sensor networks on the Great Barrier Reef - managing marine sensor data; Environmental Information Management Conference , 10/09/2008 - 11/09/2008, Albuquerque

Bainbridge, S, Feather, G, Eggeling, D; GBROOS - Application of sensor networks to coral reef systems; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne

Bainbridge, S; I-CREOS - Towards an international network of coral reef ecosystem observing systems; 5th International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP), 07/12/2009 - 10/12/2009, Melbourne, Presenter(s): Scott Bainbridge

Hollier, W, Dargaville, R, Bainbridge, S, Rau, G, Dicks, A; Reef climate adaptation research and technology; The Second International Conference on Climate Change, 08/07/2010 - 10/07/2010, University of Queensland, Brisbane

Bainbridge, S; The role of sensor networks in monitoring and managing coastal systems including ecological monitoring of coral reefs; Thailand National Science and Technology Development Agency (NSTDA) Annual Conference, 25/03/2011 - 25/03/2011, Bangkok, Presenter(s): Scott Bainbridge

Bainbridge, S; Sensor Networks - working towards smart monitoring of environmental systems; Taiwan-AU-NZ Conference on Marine Biology, Biodiversity and Ecosystem, 19/06/2011 - 24/06/2011, Keelung, Presenter(s): Scott Bainbridge

Bainbridge, S; Cloud-based service-orientated data system for ocean observational data - an example from the coral reef community; European Geosciences Union (EGU), 21/04/2012 - 27/04/2012, Vienna, Presenter(s): Scott Bainbridge

Bainbridge, S, Proctor, R; AODC-JF, IMOS, AODN, eMII: an ocean of acronyms; IODE First ODIP Workshop, 25/02/2013 - 28/03/2013, Oostende, Presenter(s): Scott Bainbridge

Heupel, M, Simpfendorfer, C; Importance of environmental and biological drivers in the presence and space use of a reef-associated shark; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Michelle Heupel

Vila-Concejo, A, Harris, D; Morphological stability and sediment transport processes on sand aprons; 88th Australian Coral Reef Society Conference, 27/08/2014 - 29/08/2014, Brisbane, Presenter(s): Ana Vila-Concejo

Steinberg, C, Benthuisen, J, Herzfeld, M, Tonin, H, et. al.; Responding to the 2016 mass coral bleaching event on the Great Barrier Reef: from observations to modelling; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Craig Steinberg

Bainbridge, S; GBR Sensor networks; CREON (Coral Reef Environmental Observatory Network) 8, Santa Barbara, Presenter(s): Scott Bainbridge

### **Conference Poster**

Bainbridge, S, Steinberg, C, Heron, M, Rigby, P; The role of observation systems in coral reef monitoring and management; 2009 Joint Assembly, 24/05/2009 - 27/05/2009, Toronto

Bainbridge, S, Eggeling, D; Application of Wireless Sensor Networks to Coastal Observing Systems - An Example From the Great Barrier Reef; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

Moltmann, T, Proctor, R, Donoghue, S; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

### **Key Note Speaker**

Bainbridge, S; Sensor Networks in the real world - ten lessons from the Great Barrier Reef; 6th International Conference on Intelligent Sensors, Sensor Networks and Information Processing - ISSNIP 2010, 07/12/2010 - 10/12/2010, Queensland University of Technology, Brisbane, Presenter(s): Scott Bainbridge

### **Meeting Presentation**

Bainbridge, S; GBROOS - Sensor Networks on the Great Barrier Reef; CREON (Coral Reef Environmental Observatory Network) 6 Meeting, 13/09/2010 - 16/09/2010, Taipei, Presenter(s): Scott Bainbridge

Bainbridge, S, Eggeling, D, Page, G; Sensor Networks - integrate or perish; CREON (Coral Reef Environmental Observatory Network) 7 Meeting, 07/12/2010 - 10/12/2010, Brisbane, Presenter(s): Scott Bainbridge

Steinberg, C, Moltmann, T; Australia's Integrated Marine Observing System; Joint WMO-IOC Commission for Oceanography and Marine Meteorology DBCP PI-1, 04/05/2015 - 07/05/2015, Koror, Presenter(s): Craig Steinberg

Steinberg, C; Australia's Integrated Marine Observing System; GOOS Steering Committee 4, 24/05/2015 - 26/05/2015, Australian Institute of Marine Science, Townsville, Presenter(s): Craig Steinberg

### **Session Chair**

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Workshop Chair - CREON workshop on the application of sensor networks to Coral Reef Systems: towards an International system of systems; 5th International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP), 07/12/2009 - 10/12/2009, Melbourne, Presenter(s): Scott Bainbridge

Session Co-Chairs - Advances in marine management; IEEE Oceans 2010, 24/05/2010 - 27/05/2010, Sydney, Presenter(s): Scott Bainbridge, Douglas Cato

Session Co-Chairs - DVIM Data visualization and information management; IEEE Oceans 2010, 24/05/2010 - 27/05/2010, Sydney, Presenter(s): Scott Bainbridge, Paulo de Souza

Session Co-Chair - Reef Climate Adaptation Research and Technology; The Second International Conference on Climate Change, 08/07/2010 - 10/07/2010, University of Queensland, Brisbane, Presenter(s): Scott Bainbridge

Meeting Co-Chair; CREON (Coral Reef Environmental Observatory Network) 6 Meeting, 13/09/2010 - 16/09/2010, Taipei, Presenter(s): Scott Bainbridge

Workshop Co-chair - Workshop on monitoring the impact of climate change on the environment; International Conference on Intelligent Robots and Systems (IROS 2010), 18/10/2010 - 22/10/2010, Taipei, Presenter(s): Scott Bainbridge

Meeting Co-Chair; CREON (Coral Reef Environmental Observatory Network) 7 Meeting, 07/12/2010 - 10/12/2010, Brisbane, Presenter(s): Scott Bainbridge

Workshop Co-Chair - ISSNIP-CREON workshop, Building coral reef sensor networks as systems of systems; 6th International Conference on Intelligent Sensors, Sensor Networks and Information Processing - ISSNIP 2010, 07/12/2010 - 10/12/2010, Queensland University of Technology, Brisbane, Presenter(s): Scott Bainbridge

### **Symposium Presentation**

Bainbridge, S; The Application of sensor networks to coastal monitoring: an example from the Great Barrier Reef; 6th China-Australia Symposium: Towards Sustainable Coastal and Deltaic Systems under Climate Change, 13/10/2009 - 15/10/2009, Guangzhou and Xiamen, Presenter(s): Scott Bainbridge

Gillibrand, P, Mongin, M, Cahill, M, Tilbrook, B, Steinberg, C; Wave- and wind-driven circulation over Heron Island Lagoon in the Southern Great Barrier Reef: A Model Study; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart

### **Workshop Presentation**

Bainbridge, S; Sensor networks and web services: opportunities for new infrastructure; Australia-EU Workshop on marine data information, 04/04/2011 - 05/04/2011, Brussels, Presenter(s): Scott Bainbridge

Bainbridge, S; Sensor networks and the internet of things; International Hack Event - the Internet of Things, 08/04/2011 - 08/04/2011, London, Presenter(s): Scott Bainbridge

Jones, EM, Brinkman, R, Gillibrand, P, Herzfeld, M, Margvelashvili, N, Mongin, M, Rigby, P, Sharman, C, Timms, GP, Tonin, H, Wild-Allen, K; Australian coastal modelling and information systems: assisting management decision making; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Emlyn Jones

Mancini, S, Bainbridge, S, Proctor, R; ODIP Prototype 3: establishing a prototype for a sensor observation service (SOS) for selected sensors (SWE) installed on research vessels and in real-time monitoring systems; Ocean Data Interoperability Platform (ODIP) Workshop, 03/12/2013 - 06/12/2013, Scripps Institution of Oceanography, San Diego, Presenter(s):

Spillman, CM, Steinberg, C, Benthuyzen, J, et, al.; Monitoring and modelling this summer's extreme temperatures on the GBR leading to a mass coral bleaching event on the Great Barrier Reef; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Claire Spillman

Type Count

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## Australian Ocean Data Network

### Conference Oral Presentation

Johnson, C; The Australian Ocean Data Network: The one-stop shop for Australian marine data and data products; SEE Grid 3 Conference, 30/11/2006 - 01/12/2006, Commonwealth Scientific Industrial Research Organisation, Canberra, Presenter(s): Craig Johnson

Johnson, C; The Australian Ocean Data Network: Building the e-Research marine science information infrastructure; eResearch Australasia, 26/06/2007 - 28/06/2007, Brisbane, Presenter(s): Craig Johnson

Johnson, C, Roberts, K; The Australian Ocean Data Network: The one-stop shop for Australian Marine Science Data; Australian Marine Science Association Conference, 09/07/2007 - 13/07/2007, University of Melbourne, Melbourne, Presenter(s): Craig Johnson

Johnson, C; eResearch Collaboration across the Pacific: Marine Systems and Australian Marine Science Data; APAC 07, 08/10/2007 - 12/10/2007, Perth, Presenter(s): Craig Johnson

Proctor, R, Roberts, K, Magierowski, R, Johnson, C; eMarine Information Infrastructure, vision, progress and plans; Australian Marine Science Association Conference, 06/07/2008 - 09/07/2008, Christchurch, Presenter(s): Roger Proctor

Johnson, C; The Australian Ocean Data Network: Building the e-Research marine science information infrastructure; Environmental Information Management Conference , 10/09/2008 - 11/09/2008, Albuquerque, Presenter(s): Craig Johnson

Proctor, R; Developments in operational oceanography in Europe and Australia; Metocean Conference, 15/09/2008 - 17/09/2008, Taipei, Presenter(s): Roger Proctor

Proctor, R; The Australian Marine Observing System; European Geosciences Union (EGU) General Assembly, 19/04/2009 - 24/04/2009, Vienna, Presenter(s): Roger Proctor

Proctor, R; A data delivery system for IMOS, the Australian Integrated Marine Observing System; eResearch Australasia, 09/11/2009 - 13/11/2009, Sydney, Presenter(s): Roger Proctor

Williams, R, Mak, P, Blain, P, Bindoff, N; The Marine and Climate Data Discovery and Access Project (MACDDAP); eResearch Australasia, 09/11/2009 - 13/11/2009, Sydney, Presenter(s): Peter Blain

Proctor, R; Delivering the Australian Ocean Data Network (AODN); Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong, Presenter(s): Roger Proctor

Ebeling, W, Bonet, M, Walsh, A, Mak, P, Mosbauer, A, Edwards, L, Gorringer, P; Delivering the Australian Ocean Data Network (AODN); eResearch Australasia, 08/11/2010 - 12/11/2010, Gold Coast, Presenter(s): Matias Bonet, Wiebke Ebeling, Patrick Gorringer, Pauline Mak, Andrew Walsh

Proctor, R; The Australian Integrated Marine Observing System: marine data for researchers; eResearch Australasia, 08/11/2010 - 12/11/2010, Gold Coast, Presenter(s): Roger Proctor

Proctor, R, Bainbridge, S; The use of sensor networks for coastal monitoring within the Australian Integrated Marine Observing System; Australia-China Information and Communications Technology (ICT) Summit, 17/11/2010 - 19/11/2010, Hobart, Presenter(s): Roger Proctor

Proctor, R, Gorringer, P, Roberts, K; Australian Ocean Data Network (AODN): publicly funded data, publicly available; IEEE eScience Conference 2010, 07/12/2010 - 10/12/2010, Brisbane, Presenter(s): Roger Proctor

Proctor, R; Australian initiatives in marine information infrastructure; European Geosciences Union General Assembly, 07/04/2011 - 08/04/2011, Vienna, Presenter(s): Roger Proctor

Blain, P; Birds of a Feather ; eResearch Australasia, 06/11/2011 - 10/11/2011, Melbourne, Presenter(s): Peter Blain

Blain, P, Petrelli, P, Lohrey, J, Bindoff, N; Outcomes of the Marine and Climate Data Discovery and Access Project (MACDDAP); eResearch Australasia, 06/11/2011 - 10/11/2011, Melbourne

Moltmann, T, Proctor, R; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Coast to Coast Conference, 17/09/2012 - 21/09/2012, Brisbane, Presenter(s): Roger Proctor

Proctor, R, Oke, PR, Davey, B, Rosebrock, U; A marine virtual laboratory and information system applicable to coastal seas; Coast to Coast Conference, 17/09/2012 - 21/09/2012, Brisbane, Presenter(s): Roger Proctor

Proctor, R, Pasquer, B, Blain, P, Mancini, S, Oke, PR, Rosebrock, U, Condie, SA, Hepburn, M, Fu, M, Davey, B; The Marine Virtual Laboratory (MARVL) and the MARVL Information System (MARVLIS); eResearch Australasia, 20/10/2012 - 25/10/2012, Brisbane, Presenter(s): Roger Proctor

Glaves, HM, Proctor, R, Miller, SP, Schaap, D; Mind the Gap: furthering the development of an international collaboration in marine data management; American Geophysical Union (AGU) Fall Meeting, 03/12/2012 - 07/12/2012, San Fransisco, Presenter(s): Roger Proctor

Proctor, R, Blain, P, Mancini, S; Data Down Under: the Australian Ocean Data Network and integrated Marine Observing System; American Geophysical Union (AGU) Fall Meeting, 03/12/2012 - 07/12/2012, San Fransisco, Presenter(s): Roger Proctor

Bainbridge, S, Proctor, R; AODC-JF, IMOS, AODN, eMII: an ocean of acronyms; IODE First ODIP Workshop, 25/02/2013 - 28/03/2013, Oostende, Presenter(s): Scott Bainbridge

Galibert, G; Existing implementations of standards and protocols; IODE First ODIP Workshop, 25/02/2013 - 28/03/2013, Oostende, Presenter(s): Guillaume Galibert

Galibert, G; Metadata and data exchange mechanisms; IODE First ODIP Workshop, 25/02/2013 - 28/03/2013, Oostende, Presenter(s): Guillaume Galibert

Lowry, R, Finney, K, Leadbetter, A, Stocks, K; ODIP common vocabularies; IODE First ODIP Workshop, 25/02/2013 - 28/03/2013, Oostende, Presenter(s): Roy Lowry

Proctor, R, Dunstan, P, Hedge, P, Atkins, N, Mancini, S, Bax, N; The Australian Ocean Data Network as a tool for supporting management of marine biodiversity; European Geosciences Union (EGU) General Assembly, 07/04/2013 - 12/04/2013, Vienna, Presenter(s): Roger Proctor

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Mancini, S; Data interoperability for 21st century; CLIVAR Global Synthesis and Observations Panel (GSOP) Coordinated Quality-Control of Global Subsurface Ocean Climate Observations Workshop, 12/06/2013 - 14/06/2013, Hobart, Presenter(s): Sebastien Mancini

Blain, P; IMOS on the NSP; eResearch Australasia, 20/10/2013 - 25/10/2013, Brisbane, Presenter(s): Peter Blain

Blain, P; Moving from the Data Fabric to RDSI; eResearch Australasia, 20/10/2013 - 25/10/2013, Brisbane, Presenter(s): Peter Blain

Shen, X, Simons, N, Treloar, A, Guru, S, Proctor, R, Nicholls, M, Eagleson, S, Winton, L; Birds of a Feather: NCRIS Data Showcase; eResearch Australasia, 20/10/2013 - 25/10/2013, Brisbane, Presenter(s): Peter Blain

Proctor, R; IMOS e-infrastructure and the Australian Ocean Data Network; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Roger Proctor

Proctor, R, Blain, P, Mancini, S; Information infrastructure for the Australian Ocean Data Network; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Roger Proctor

Proctor, R, Oke, PR, Gillibrand, P, Blain, P, Pasquer, B, Rosebrock, U, Carroll, G, Fu, M, Davey, B; Australia's Marine Virtual Laboratory; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Roger Proctor

Glaves, HM, Schaap, D, Proctor, R; Ocean Data Interoperability Platform (ODIP): supporting the development of a common global framework for marine data management through international collaboration; European Geosciences Union (EGU) General Assembly, 27/04/2014 - 02/05/2014, Vienna, Presenter(s): Helen Glaves

Proctor, R, Mancini, S, Blain, P; Australian Integrated Marine Observing System: improving users access to data; European Geosciences Union (EGU) General Assembly, 27/04/2014 - 02/05/2014, Vienna, Presenter(s): Roger Proctor

Lara-Lopez, A, Proctor, R, Moltmann, T; Australia's Integrated Marine Observing System: infrastructure for monitoring the state of our oceans; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Ana Lara-Lopez

Tattersall, K, Proctor, R, Mancini, S, Atkins, N, Lara-Lopez, A; The Australian Ocean Data Network: a portal for marine data from all sources; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Katherine Tattersall

Proctor, R, Oke, PR, Rosebrock, U, Davey, B, Fu, M, Blain, P, Pasquer, B, Carroll, G, Pigot, S; Australia's Marine Virtual Laboratory; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Roger Proctor

Blain, P, Proctor, R, Oke, PR, Rosebrock, U, Davey, B; Australia's Marine Virtual Laboratory; eResearch Australasia, 27/10/2014 - 31/10/2014, Melbourne, Presenter(s): Roger Proctor

Blain, P, Proctor, R; The Integrated Marine Observing System: Delivering reliable and usable services on the national infrastructure; eResearch Australasia, 27/10/2014 - 31/10/2014, Melbourne, Presenter(s): Peter Blain

Proctor, R, Glaves, HM, Schaap, D, Stocks, K; Ocean Data Interoperability Platform (ODIP): towards a common framework for marine data management on a global scale; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Roger Proctor

Lee, R, Baird, ME, Andrewartha, J, Mancini, S; Transforming environmental protection with integrated model observing systems; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Randall Lee

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Proctor, R, Oke, PR, Rosebrock, U, Davey, B, Carroll, G, Fu, M, Blain, P, Pasquer, B, Pigot, S; Modelling made easy - The Marine Virtual Laboratory; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Benedicte Pasquer

Simpfendorfer, C, Huveneers, C, Steckenreuter, A, Tattersall, K, Hoenner, X, Harcourt, R, Heupel, M; Ghosts in the data: false detections in acoustic telemetry monitoring; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Colin Simpfendorfer

Proctor, R, Hoenner, X, Mancini, S, Tattersall, K, Suthers, I, Steinberg, P, Doblin, MA; Integrating research infrastructure into education - bringing ocean observations to the classroom; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Roger Proctor

Proctor, R; New advanced computing research infrastructures to support operational oceanography; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Roger Proctor

Hoenner, X, Proctor, R, Mancini, S, Tattersall, K, Burgess, J, Steckenreuter, A, Simpfendorfer, C, Peddemors, V, Harcourt, R; The Australian national database for acoustic monitoring of marine species; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Xavier Hoenner

Finney, K, Mancini, S, Frazier, J, Walker, R, Brownlee, R, Burton, A ; Vocabulary management and publication at IMOS using services developed in partnership with ANDS; eResearch Australasia, 19/10/2015 - 23/10/2015, Brisbane, Presenter(s): Sebastien Mancini

Tattersall, K, Proctor, R, Mancini, S, Hoenner, X; Integrating research infrastructure into education - bringing ocean observations to the classroom; Teaching Matters 2015: Tasmanian Blends, 02/12/2015 - 02/12/2015, University of Tasmania, Hobart, Presenter(s): Katherine Tattersall

Moltmann, T, Proctor, R; Sustained ecological observing, how hard can it be?; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Tim Moltmann

Proctor, R, Hoenner, X, Mancini, S, Tattersall, K, Everett, JD, Suthers, I, Steinberg, C, Doblin, MA, Moltmann, T; Bringing ocean observations to the classroom - integrating research infrastructure into education; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Roger Proctor

Blain, P; Technical 301: scaling ideas: accelerating research with AWS; Amazon Web Services (AWS) Summit, 27/04/2016 - 28/04/2016, Sydney, Presenter(s): Peter Blain

Blain, P; The connected world of IOT; Amazon Web Services (AWS) Summit, 27/04/2016 - 28/04/2016, Sydney, Presenter(s): Peter Blain

Proctor, R, Mancini, S, Blain, P, Schmidt, J, Mackay, K; The Australian Ocean Data Network and New Zealand marine data; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Kevin Mackay

Steinberg, C, Benthuisen, J, Herzfeld, M, Tonin, H, et, al.; Responding to the 2016 mass coral bleaching event on the Great Barrier Reef: from observations to modelling; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Craig Steinberg

Proctor, R, Moltmann, T, Lara-Lopez, A; Australia's Integrated Marine Observing System: infrastructure for monitoring the state of our oceans - strengths and opportunities; 13th Annual Meeting, Asia Oceania Geosciences Society (AOGS), 31/07/2016 - 05/08/2016, Beijing, Presenter(s): Roger Proctor

Blain, P, Proctor, R; IMOS - eResearch Services in the Cloud; eResearch Australasia, 10/10/2016 - 14/10/2016, Melbourne, Presenter(s): Peter Blain

Mancini, S, Finney, K, Proctor, R, Atkins, N; Managing Australian Ocean Data Network (AODN) vocabularies; International Conference on Marine Data and Information Systems (IMDIS), 11/10/2016 - 13/10/2016, Gdansk, Presenter(s): Sebastien Mancini

Mancini, S, Proctor, R, Blain, P; Enhancing user access to oceanographic data through commercial cloud services; International Conference on Marine Data and Information Systems (IMDIS), 11/10/2016 - 13/10/2016, Gdansk, Presenter(s): Sebastien Mancini

Proctor, R, Everett, JD, Roughan, M, Schaeffer, A, Hoenner, X, Suthers, I, Steinberg, P, Doblin, MA, Williams, S, Bryson, M, Brodie, S, Swadling, K; Bringing ocean observations to the classroom - student access to open data; International Conference on Marine Data and Information Systems (IMDIS), 11/10/2016 - 13/10/2016, Gdansk, Presenter(s): Roger Proctor

Proctor, R, Glaves, HM; Australian Ocean Data Network and Ocean Data Interoperability Platform; IOC International Oceanographic Data and Information Exchange (IODE), 27/03/2017 - 31/03/2017, Kuala Lumpur, Presenter(s): Roger Proctor

Proctor, R, Mancini, S, Besnard, L; Improving oceanographic data delivery through pipeline processing in a Commercial Cloud Services environment: the Australian Integrated Marine Observing System; European Geosciences Union (EGU) General Assembly, 23/04/2017 - 28/04/2017, Vienna, Presenter(s): Laurent Besnard

Hoenner, X; Australia's continental scale acoustic tracking database and its automated quality control process; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Xavier Hoenner

Lara-Lopez, A, Moltmann, T, Proctor, R; Measuring and understanding change: IMOS initiatives and tools relevant to fish and fisheries; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Tim Moltmann

Proctor, R; Enhancing user access to Australian marine data - the Australian Ocean Data Network; American Geophysical Union (AGU) Fall Meeting, 11/12/2017 - 15/12/2017, New Orleans, Presenter(s): Roger Proctor

## **Conference Poster**

Proctor, R, Strain, B, Tattersall, K, Hope, J; eMarine Information Infrastructure (eMII) - bringing the data together; eResearch Australasia, 28/09/2008 - 03/10/2008, Melbourne, Presenter(s): Roger Proctor, Kate Roberts

Proctor, R, Meyers, G, Roughan, M; The Australian Integrated Marine Observing System; American Geophysical Union (AGU) Fall Meeting, 15/12/2008 - 19/12/2008, San Francisco, Presenter(s): Roger Proctor

Proctor, R; The Australian Integrated Marine Observing System (IMOS) - a resource for modellers; ROMS/TOMS Meeting, 31/03/2009 - 02/04/2009, Sydney, Presenter(s): Roger Proctor

Hill, K, Meyers, G, Moltmann, T, Proctor, R; The Australian Integrated Marine Observing System; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice, Presenter(s): Katy Hill

Proctor, R, Roberts, K, Bohm, P, Cameron, S, Hope, J, Jones, C, Mancini, S, Pepper, K, Tattersall, K, Ward, BJ, Williams, G, Mak, P, Goessmann, F; Information infrastructure for the Australian Integrated Marine Observing System; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice, Presenter(s): Roger Proctor

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Proctor, R, Tattersall, K, Mancini, S; eMarine Information Infrastructure (eMII) - bringing the data together; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice, Presenter(s): Sebastien Mancini

Proctor, R, Roberts, K, Tattersall, K; The Integrated Marine Observing System - delivering data-streams to support marine research and applications ; eResearch Australasia, 09/11/2009 - 13/11/2009, Sydney, Presenter(s): Roger Proctor, Kate Roberts

Proctor, R, Tattersall, K, Mancini, S, Roberts, K; The Integrated Marine Observing System - delivering data-streams to support marine research and applications; Australian Meteorological and Oceanographic Society (AMOS) Conference, 27/01/2010 - 29/01/2010, Canberra, Presenter(s): Patrick Gorringer, Roger Proctor, Kate Roberts

Proctor, R, Roberts, K, Tattersall, K, Mancini, S, Besnard, L; The Australian Integrated Marine Observing System: delivering data for marine researchers; eResearch Australasia, 08/11/2010 - 12/11/2010, Gold Coast, Presenter(s): Roger Proctor, Kate Roberts, Katherine Tattersall

Proctor, R, Ebeling, W; Australian initiatives in marine information infrastructure; European Geosciences Union General Assembly, 07/04/2011 - 08/04/2011, Vienna, Presenter(s): Roger Proctor

Proctor, R, Hill, K; Australian initiatives in marine information infrastructure; International Union of Geophysics and Geology (IUGG) Earth on the Edge: Science for a Sustainable Planet, 28/06/2011 - 07/07/2011, Melbourne, Presenter(s): Katy Hill

Galibert, G, McCarthy, P, Proctor, R, Roughan, M, Morello, E; A new toolbox for oceanographic data quality control and NETcdf formatting; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Proctor, R, Blain, P, Mancini, S, Galibert, G; (met-) Oceans of data - the Australian Ocean Data Network; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney, Presenter(s): Roger Proctor

Proctor, R, Blain, P, Mancini, S; Oceans of Data: the Australian Ocean Data Network; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Edwards, L, Harrison, J; Collaborative and Automated Tools for Analysis of Marine Imagery and Video (CATAMI); AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Luke Edwards

Proctor, R, Moltmann, T, Hill, K, Finney, K, Bindoff, N, Tildesley, P, Galibert, G; Opportunities for marine and climate data discovery; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Sebastien Mancini

Glaves, HM, Miller, SP, Proctor, R, Schaap, D; Mind the Gap: furthering the development of an international collaboration in marine data management; European Geosciences Union (EGU) General Assembly, 07/04/2013 - 12/04/2013, Vienna, Presenter(s): Helen Glaves

Glaves, HM, Schaap, D, Miller, SP, Proctor, R, Newman, L, Meredith, MP, Schofield, O; Ocean Data Interoperability Platform (ODIP): developing an international collaboration in marine data management of marine biodiversity; European Geosciences Union (EGU) General Assembly, 07/04/2013 - 12/04/2013, Vienna, Presenter(s): Helen Glaves

Proctor, R, Finney, K, Blain, P; The SOOS Data Portal, providing access to Southern Oceans data; European Geosciences Union (EGU) General Assembly, 07/04/2013 - 12/04/2013, Vienna, Presenter(s): Roger Proctor

Proctor, R, Oke, PR, Rosebrock, U; Australia's Marine Virtual Laboratory; International Conference on Marine Data and Information Systems (IMDIS), 23/09/2013 - 25/09/2013, Lucca, Presenter(s): Roger Proctor

Moltmann, T, Proctor, R, Donoghue, S; Australia's Integrated Marine Observing System: the model-observation loop; GODAE OceanView Symposium 2013, 04/11/2013 - 06/11/2013, Baltimore, Presenter(s): Tim Moltmann

Moltmann, T, Proctor, R, Donoghue, S; Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

Moltmann, T, Proctor, R, Donoghue, S; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

Proctor, R, Gillibrand, P, Oke, PR, Rosebrock, U; Australia's Marine Virtual Laboratory; European Geosciences Union (EGU) General Assembly, 27/04/2014 - 02/05/2014, Vienna, Presenter(s): Roger Proctor

Hoenner, X; Improved discoverability and usability of bio-logging data collected by the Australian Integrated Marine Observing System; 5th International Bio-Logging Science Symposium, 22/09/2014 - 26/09/2014, Strasbourg, Presenter(s): Xavier Hoenner

Gedeon, A, Wijeratne, S, Pattiaratchi, C, Proctor, R; Current predictions for the Rottneest channel swim; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Agi Gedeon

Proctor, R, Blain, P, Mancini, S; Integrated Marine Observing System / Australian Ocean Data Network: Improving users access to data; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Wijeratne, S, Pattiaratchi, C, Proctor, R; Estimates of alongshore and cross-shelf transports around Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Sarath Wijeratne

Nahodil, D; Open-source web portal for accessing geospatial data; eResearch Australasia, 27/10/2014 - 31/10/2014, Melbourne, Presenter(s): David Nahodil

Glaves, HM; Ocean Data Interoperability (ODIP); an international initiative promoting re-use of marine and ocean data; 9th International Marine Technician (INMARTECH) 2014 Symposium, 18/11/2014 - 21/11/2014, Corvallis, Presenter(s): Helen Glaves

Hidas, MG, Proctor, R, Mancini, S, Blain, P, Galibert, G; Information infrastructure and workflows for Australia's Integrated Marine Observing System; 47th International Liege Colloquium on Ocean Dynamics Marine Environmental Monitoring, Modelling and Prediction, 04/05/2015 - 08/05/2015, Liege, Presenter(s): Marty Hidas

Proctor, R, Oke, PR, Rosebrock, U, Davey, B, Fu, M, Blain, P, Pasquer, B, Carroll, G, Pigot, S, Hidas, MG; Australia's Marine Virtual Laboratory; 47th International Liege Colloquium on Ocean Dynamics Marine Environmental Monitoring, Modelling and Prediction, 04/05/2015 - 08/05/2015, Liege, Presenter(s): Marty Hidas

Proctor, R, Oke, PR, Rosebrock, U, Davey, B, Carroll, G, Fu, M, Blain, P, Pasquer, B, Pigot, S; Modelling made easy - The Marine Virtual Laboratory; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Roger Proctor

Hoenner, X; A billion oceanographic measurements taking advantage of IMOS data; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium, 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Xavier Hoenner

Proctor, R, Blain, P, Mancini, S; Get your data here! - The Integrated Marine Observing System; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Roger Proctor

Proctor, R, Oke, PR, Rosebrock, U, Davey, B, Fu, M, Blain, P, Pasquer, B, Carroll, G, Pigot, S; A tool for operational oceanography - the Marine Virtual Laboratory; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Roger Proctor

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Hoenner, X; A billion oceanographic measurements taking advantage of IMOS data; eResearch Australasia, 19/10/2015 - 23/10/2015, Brisbane, Presenter(s): Peter Blain, Sebastien Mancini

Proctor, R, Mancini, S, Blain, P; Open access to ocean observations in Australian waters: the Integrated Marine Observing System; eResearch Australasia, 19/10/2015 - 23/10/2015, Brisbane, Presenter(s): Peter Blain, Sebastien Mancini

Proctor, R, Mancini, S, Hoenner, X, Galibert, G, Tattersall, K, Pasquer, B; A 20-year collection of in-situ salinity and temperature observations for the Australian shelf seas; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Roger Proctor

Wijeratne, S, Pattiaratchi, C, Proctor, R; Simulation of boundary currents around Australia; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Roger Proctor

Hidas, MG, Proctor, R, Mancini, S, Blain, P, Galibert, G, Atkins, N; Information infrastructure and workflows for Australia's Integrated Marine Observing System; RDA 7th Plenary - making data sharing work in the era of open science, 01/03/2016 - 03/03/2016, Tokyo, Presenter(s): Natalia Atkins

Proctor, R, Oke, PR, Rosebrock, U, Fu, M, Mancini, S, Blain, P, Pasquer, B, Pigot, S, Carroll, G, Pattiaratchi, C; A tool to accelerate coastal modelling studies - the Marine Virtual Laboratory (MARVL); Physics of Estuaries and Coastal Seas 2016, 17/10/2016 - 21/10/2016, Scheveningen, Presenter(s): Roger Proctor

Proctor, R, Wiltshire, M; Australian Ocean Data Network - home to IMOS data and much more; IOC International Oceanographic Data and Information Exchange (IODE), 27/03/2017 - 31/03/2017, Kuala Lumpur, Presenter(s): Roger Proctor

Atkins, N, Finney, K, Mancini, S; Linked data and IMOS sample sites; Linking environmental data and samples symposium, 29/05/2017 - 01/06/2017, Canberra, Presenter(s): Natalia Atkins

Proctor, R; Developing national on-line services to annotate and analyse underwater imagery in research cloud; American Geophysical Union (AGU) Fall Meeting, 11/12/2017 - 15/12/2017, New Orleans, Presenter(s): Roger Proctor

Proctor, R, Mancini, S, Blain, P, Lara-Lopez, A; The Australian Ocean Data Network, Linking Open Data Resources in Australia; Ocean Sciences Meeting, 11/02/2018 - 16/02/2018, Portland, Presenter(s): Ana Lara-Lopez

## **Course Presentation**

Hidas, MG, Hoenner, X; IMOS data users workshop; Topics in Australian Marine Science (TAMS) Workshop, 06/03/2014 - 30/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Marty Hidas

Proctor, R; Introducing IMOS; IMAS Masters Students Lecture, 12/03/2014 - 12/03/2014, Institute of Marine and Antarctic Studies, Hobart, Presenter(s): Roger Proctor

Tattersall, K, Atkins, N; IMOS data users workshop; Physical-Biological Oceanography (MARS 3012), 08/05/2014 - 08/05/2014, University of Queensland, Brisbane, Presenter(s): Katherine Tattersall

Hoenner, X, Tattersall, K; Introduction to the IMOS Ocean Portal; Topics in Australian Marine Science (TAMS) Workshop, 01/03/2015 - 26/06/2015, Sydney Institute for Marine Science, Sydney, Presenter(s): Xavier Hoenner, Katherine Tattersall

Proctor, R; Introduction to IMOS; KSA405 Research Methods in Marine and Antarctic Science, 02/03/2015 - 02/03/2015, Hobart, Presenter(s): Roger Proctor

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Mancini, S; Introduction to IMOS; IMAS Honours Course 2016, 22/02/2016 - 22/02/2016, Institute of Marine and Antarctic Studies, Hobart, Presenter(s): Sebastien Mancini

Hoenner, X; Introduction to IMOS; Topics in Australian Marine Science (TAMS) Workshop, 02/03/2016 - 04/03/2016, Sydney Institute for Marine Science, Sydney, Presenter(s): Xavier Hoenner

Mancini, S; Introducing IMOS - Australia's Integrated Marine Observing System; IMAS K4S/K4M Honours induction, 27/02/2017 - 27/02/2017, University of Tasmania, Hobart, Presenter(s): Sebastien Mancini

Galibert, G; Introduction to IMOS and AODN; Topics in Australian Marine Science (TAMS) Workshop, 02/03/2017 - 02/03/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Guillaume Galibert

Galibert, G; Introduction to IMOS and the AODN Portal; KSA324 Oceanographic Methods , 06/04/2017 - 23/05/2017, Institute of Marine and Antarctic Studies, Hobart, Presenter(s): Guillaume Galibert

Jones, EM, Pasquer, B; Ocean Gliders in the Derwent; KSA324 Oceanographic Methods , 06/04/2017 - 23/05/2017, Institute of Marine and Antarctic Studies, Hobart, Presenter(s): Emlyn Jones, Benedicte Pasquer

Proctor, R; Modelling in the Derwent; KSA324 Oceanographic Methods , 06/04/2017 - 23/05/2017, Institute of Marine and Antarctic Studies, Hobart, Presenter(s): Roger Proctor

### **Key Note Speaker**

Proctor, R; National and international data management developments; WAMSI Marine Data Management Workshop: One Year On, Marine Data Management in WA, 29/10/2008 - 29/10/2008, Perth, Presenter(s): Roger Proctor

Proctor, R; The Australian Integrated Marine Observing System; International Conference on Marine Data and Information Systems, 29/03/2010 - 31/03/2010, Paris, Presenter(s): Roger Proctor

### **Meeting Presentation**

Proctor, R; IMOS, the Australian Integrated Marine Observing System; EuroGOOS (European Global Ocean Observing System) Annual Meeting, 07/10/2008 - 09/10/2008, Galway, Presenter(s): Roger Proctor

Proctor, R; IMOS, the Australian Integrated Marine Observing System; Northwest European Shelf Operational Oceanography System annual meeting, 16/10/2008 - 17/10/2008, Brest, Presenter(s): Roger Proctor

Proctor, R; The Australian Integrated Marine Observing System; POL Seminar, 20/04/2009 - 24/04/2009, Proudman Oceanographic Laboratory, Liverpool, Presenter(s): Roger Proctor

Proctor, R; Update on IMOS; EuroGoos Board Meeting, 01/09/2009 - 02/09/2009, Copenhagen, Presenter(s): Roger Proctor

Proctor, R; Introducing IMOS; OSPAR Eutrophication Meeting, 07/09/2009 - 09/09/2009, Brussels, Presenter(s): Roger Proctor

Proctor, R; Ships of Opportunity in IMOS; EuroGoos NOOS Meeting, 10/09/2009 - 11/09/2009, Brussels, Presenter(s): Roger Proctor

Proctor, R; IMOS and animal tagging; Sea Mammal Research Unit (SMRU), 13/04/2010 - 14/04/2010, St. Andrews University, St. Andrews, Presenter(s): Roger Proctor

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Gorringe, P; The Australian IMOS; IOC Executive Council, 08/06/2010 - 16/06/2010, Paris, Presenter(s): Patrick Gorringe

Proctor, R; The UK/ European Experience; National Coastal Observation Meeting, 06/08/2010 - 06/08/2010, Sydney Institute for Marine Science, Sydney, Presenter(s): Roger Proctor

Proctor, R; The Australian Ocean Data Network (AODN) - developing the WA node; iVEC/WAMSI Data Management Meeting, 16/09/2010 - 16/09/2010, Perth, Presenter(s): Roger Proctor

Ebeling, W, Gorringe, P; Delivering the Western Australian AODN; AODN Seminar, 29/11/2010 - 29/11/2010, Perth, Presenter(s): Wiebke Ebeling, Luke Edwards

Ebeling, W, Gorringe, P; Australia's interface to open access marine data; AODN Seminar, 09/02/2011 - 09/02/2011, Centre for Australian Weather and Climate Research, Melbourne, Presenter(s): Wiebke Ebeling, Patrick Gorringe

Ebeling, W, Gorringe, P; Australia's interface to open access marine data; AODN Seminar, 11/02/2011 - 11/02/2011, Queenscliff, Presenter(s): Wiebke Ebeling, Patrick Gorringe

Ebeling, W, Gorringe, P; Australia's interface to open access marine data; AODN Seminar, 25/02/2011 - 25/02/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Wiebke Ebeling, Patrick Gorringe, Paul Tildesley

Edwards, L; Marine data access overview - IMOS and AODN; WAIMOS Science & Data Uptake Workshop, 25/02/2011 - 25/02/2011, University of Western Australia, Perth, Presenter(s): Luke Edwards

Ebeling, W, Gorringe, P; Australia's marine research on the map - literally!; AODN Seminar, 03/03/2011 - 03/03/2011, Commonwealth Scientific Industrial Research Organisation, Canberra, Presenter(s): Wiebke Ebeling, Patrick Gorringe

Ebeling, W, Gorringe, P; Australian marine data publicly available!; AODN Seminar, 09/03/2011 - 09/03/2011, University of Tasmania, Hobart, Presenter(s): Wiebke Ebeling, Patrick Gorringe, Alicja Mosbauer

Roberts, K; Use of Geonetwork; Geonetwork User Forum, 25/03/2011 - 25/03/2011, Canberra, Presenter(s): Kate Roberts

Walsh, A; Geonetwork at RAN-Metoc: Usage and future issues; Geonetwork User Forum, 25/03/2011 - 25/03/2011, Canberra, Presenter(s): Andrew Walsh

Ebeling, W, Gorringe, P; Implementing AAD data in the AODN web portal; AODN Seminar, 31/03/2011 - 31/03/2011, Australian Antarctic Division, Hobart, Presenter(s): Wiebke Ebeling, Patrick Gorringe, Alicja Mosbauer

Proctor, R; Update on Australian-EU initiatives; European Geosciences Union Splinter Group Meeting on Marine Data Management, 07/04/2011 - 08/04/2011, Vienna, Presenter(s): Roger Proctor

Ebeling, W, Gorringe, P; The AODN web Portal: Access to marine data for navy; AODN Seminar, 02/05/2011 - 02/05/2011, Sydney, Presenter(s): Wiebke Ebeling, Patrick Gorringe, Andrew Walsh

Ebeling, W, Gorringe, P; The AODN web Portal: Access to marine data for navy; AODN Seminar, 03/05/2011 - 03/05/2011, Woolongong, Presenter(s): Wiebke Ebeling, Patrick Gorringe, Greg Reed, Andrew Walsh

Ebeling, W, Gorringe, P; GA's involvement in the Australian Ocean Data Network; AODN Seminar, 04/05/2011 - 04/05/2011, Geoscience Australia, Canberra, Presenter(s): Wiebke Ebeling, Patrick Gorringe

Ebeling, W, Gorringe, P; Australian Ocean Data Network (AIMS & AODN); AODN Seminar, 07/06/2011 - 07/06/2011, Australian Institute of Marine Science, Townsville, Presenter(s): Patrick Gorringe, Andrew Walsh

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Proctor, R; Publishing data for IMOS and the AODN: Making Australian marine data, publicly available; National Institute of Water and Atmospheric Research (NIWA) Collaboration Meeting, 11/09/2011 - 12/09/2011, Wellington, Presenter(s): Roger Proctor

Proctor, R; Towards marine data citation in Australia; SCOR/IODE/MBLWHOI Library Workshop on Data Publication Meeting, 02/11/2011 - 04/11/2011, Liverpool, Presenter(s): Roger Proctor

Hidas, MG; Integrated Marine Observing System (IMOS); 8th OceanSITES Steering Team Meeting, 01/12/2011 - 02/12/2011, La Jolla, Presenter(s): Marty Hidas

Proctor, R; The AODN for WA Now, and future developments; WALIS Marine Group Meeting, 13/03/2012 - 13/03/2012, Perth, Presenter(s): Roger Proctor

Proctor, R, Blain, P, Mancini, S; Oceans of data: the Australian Ocean Data Network; European Geosciences Union (EGU), 21/04/2012 - 27/04/2012, Vienna, Presenter(s): Roger Proctor

Proctor, R, Blain, P, Mancini, S; Oceans of Data: Australian Integrated Marine Observing System and the Australian Ocean Data Network; European Geophysical Union Annual Meeting, 23/04/2012 - 27/04/2012, Vienna, Presenter(s): Roger Proctor

Proctor, R; Why an Australian Ocean Data Network? ..and why would DSEWPAD be interested?; Marine Data Management Meeting, 21/08/2012 - 21/08/2012, University of Canberra, Canberra, Presenter(s): Roger Proctor

Edwards, L; WA Node of the Australian Ocean Data Network; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Luke Edwards

Proctor, R; The SOOS(AODN) Infrastructure - Overview and Demonstration; SOOS Asian Workshop Data Management Subcommittee Meeting, 23/05/2013 - 24/05/2013, Shanghai, Presenter(s): Roger Proctor

Proctor, R, Pattiaratchi, C; Diving in the Southern Seas: the Australian National Facility for Ocean Gliders; GROOM - Gliders for Research, Ocean Observations and Management, 04/06/2013 - 05/06/2013, Trieste, Presenter(s): Roger Proctor

Proctor, R; IMOS ; NEII Reference Group Meeting , 12/04/2016 - 12/04/2016, Bureau of Meteorology Canberra, Canberra, Presenter(s): Roger Proctor

Blain, P; Journey into the AWS Cloud; Hobart Cloud Computing Meetup - Define Cloud for Me ..., 12/05/2016 - 12/05/2016, University of Tasmania, Hobart, Presenter(s): Peter Blain

Proctor, R; Australia's Integrated Marine Observing System - MetOcean data for all; Maritime Industry Australia Ltd Environmental Masterclass, 28/09/2016 - 28/09/2016, Melbourne, Presenter(s): Roger Proctor

Blain, P; Elastic MapReduce and Satellite Remote Sensing data; Hobart Cloud Computing Meetup, 03/10/2016 - 03/10/2016, Hobart, Presenter(s): Peter Blain

Blain, P; The Integrated Marine Observing System - cloud migration; AWS Cloud Forum, 04/10/2016 - 04/10/2016, Hobart, Presenter(s): Peter Blain

Proctor, R; Australia's Integrated Marine Observing System: infrastructure for monitoring the state of our oceans - strengths and opportunities; British Oceanographic Data Centre, 17/10/2016 - 17/10/2016, Liverpool, Presenter(s): Roger Proctor

Proctor, R; AlgaRisk - a UK project to forecast HABs (plus developments thereafter); Harmful Algal Blooms research as a focus for the Integrate Marine Observing System, 21/11/2016 - 21/11/2016, Hobart, Presenter(s): Roger Proctor

Blain, P; GeoNetwork and the Australian Ocean Data Network; GeoNetwork Community of Practice Meeting, 03/04/2017 - 03/04/2017, Canberra, Presenter(s): Peter Blain

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Galibert, G; IMOS Toolbox and ANMN internal discussion on Github; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Guillaume Galibert

Galibert, G; IMOS toolbox QC protocol for temperature, salinity and pressure on moorings; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Guillaume Galibert

Galibert, G; IMOS Toolbox update; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Guillaume Galibert

Galibert, G; Product development for growing timeseries; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Guillaume Galibert

Galibert, G; Review of the QUARTOD QC tests for ADCPs; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Guillaume Galibert

Galibert, G; WQM's temperature, salinity, pressure and QC issues; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Guillaume Galibert

### **Session Chair**

Symposium Co-Chair - Turning Data Into Knowledge: Marine Data Management in Western Australia; Western Australian Land Information System (WALIS) Marine Group Forum - Turning Data Into Knowledge: Marine Data Management in Western Australia, 16/09/2010 - 16/09/2010, Perth, Presenter(s): Luke Edwards

Workshop Chair - Marine Information Infrastructure; Australia-EU Workshop on marine data information, 04/04/2011 - 05/04/2011, Brussels, Presenter(s): Roger Proctor

Proctor, R; Session co-chair Environment and Climate Change; Australia-EU Research Infrastructure Workshop, 26/06/2012 - 27/06/2012, Brussels, Presenter(s): Roger Proctor

Proctor, R; Session co-chair Environment and Climate Data Infrastructure; Global Data Infrastructure Workshop, 28/06/2012 - 28/06/2012, Brussels, Presenter(s): Roger Proctor

Ocean observing systems in the Asia-Oceania region - identifying gaps and opportunities; 13th Annual Meeting, Asia Oceania Geosciences Society (AOGS), 31/07/2016 - 05/08/2016, Beijing, Presenter(s): Roger Proctor

Marine environmental data bases: infrastructures and data access systems; International Conference on Marine Data and Information Systems (IMDIS), 11/10/2016 - 13/10/2016, Gdansk, Presenter(s): Roger Proctor

Atkins, N, Wang, J; Technical issues in linking environmental data; Linking environmental data and samples symposium, 29/05/2017 - 01/06/2017, Canberra, Presenter(s): Natalia Atkins, Jingbo Wang

Australian Vocabulary Special Interest Group (AVSIG) Meeting; Australian Vocabulary Special Interest Group (AVSIG) Meeting, 07/06/2017 - 07/06/2017, Hobart, Presenter(s): Kim Finney

### **Symposium Presentation**

Schiller, A, Bresseur, P, De Mey, P, Proctor, R, Verron, J; Key future research priorities in ocean forecasting; GODAE OceanView: from an experiment towards a long-term ocean analysis and forecasting, 12/11/2008 - 15/11/2008, Nice, Presenter(s): Andreas Schiller

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Proctor, R; IMOS - the Australian Integrated Marine Observing System; Australia-China Symposium, 12/10/2009 - 16/10/2009, Guangzhou and Xiamen, Presenter(s): Roger Proctor

Proctor, R; Australian initiatives in marine information infrastructure - the Integrated Marine Observing System and the Australian Ocean Data Network; European Strategy Forum on Research Infrastructures (ESFRI) "The Future of the 21st Century Ocean", 28/06/2011 - 30/06/2011, Brest, Presenter(s): Roger Proctor

Proctor, R; IMOS and the AODN Information Infrastructure; Australia-NZ Symposium, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Roger Proctor

Proctor, R, Schmidt, J, Mackay, K; Information infrastructure (potential for NZ-AODN); The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Roger Proctor

Edwards, L, Harrison, J; Collaborative and Automated Tools for Analysis of Marine Imagery and Video (CATAMI); AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Luke Edwards

Hill, K, Proctor, R, Moltmann, T, Blain, P, Mancini, S; Oceans of data : the Integrated Marine Observing System and the Australian Ocean Data Network; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Katy Hill

Schmidt, J, Mackay, K, Proctor, R, Blain, P, Mancini, S; Towards interoperability between Australian and New Zealand marine data; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Sebastien Mancini

Proctor, R, Moltmann, T; IMOS- Contributing to building Australia's marine biodiversity atlas; Atlas of Living Australia ALA Science Symposium, 12/06/2013 - 13/06/2013, Canberra, Presenter(s): Roger Proctor

Proctor, R, Hoenner, X, Tattersall, K, Berkhout, J, Stuart-Smith, R, Edgar, G; Reef life survey data access; ALA Symposium, 11/06/2014 - 12/06/2014, Canberra, Presenter(s): Roger Proctor

Proctor, R, Blain, P, Mancini, S; Open access to ocean observations in Australian waters: the Integrated Marine Observing System; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Roger Proctor

## **Webinar**

Atkins, N; IMOS perspectives on dynamic data citation; Dynamic Data Citation Interest Group (DDCIG), 01/12/2016 - 01/12/2016, Hobart, Presenter(s): Natalia Atkins

## **Workshop Presentation**

Proctor, R, Roberts, K, Ward, BJ, Hope, J, Tattersall, K, Mancini, S; IMOS Ocean Portal; IMOS Data User Workshop, 30/06/2009 - 30/06/2009, University of Tasmania, Hobart, Presenter(s): Katy Hill, Sebastien Mancini, Roger Proctor, Kate Roberts, Katherine Tattersall, Brendon Ward

Proctor, R, Ward, BJ, Roberts, K, Hope, J, Tattersall, K, Mancini, S; IMOS Ocean Portal; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide, Presenter(s): Sebastien Mancini, Roger Proctor, Kate Roberts, Katherine Tattersall, Brendon Ward

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Proctor, R, Meyers, G, Brassington, GB, Moltmann, T, Oke, PR; IMOS and Bluelink, the Australian operational oceanographic systems; Workshop on designing, planning and implementing an operational oceanographic system for South Africa, 20/07/2009 - 22/07/2009, Cape Town, Presenter(s): Roger Proctor

Proctor, R; The Integrated Marine Observing System; NCRIS Collaboration Day, 19/08/2009 - 19/08/2009, Hobart, Presenter(s): Roger Proctor

Proctor, R; Accessing IMOS data streams; WAMSI Data Management Workshop, 27/10/2009 - 28/10/2009, iVEC, Perth, Presenter(s): Roger Proctor

Proctor, R, Ward, BJ, Hope, J, Tattersall, K, Mancini, S, Roberts, K; IMOS Ocean Portal; WAMSI Data Management Workshop, 27/10/2009 - 28/10/2009, iVEC, Perth, Presenter(s): Luke Edwards, Sebastien Mancini, Roger Proctor, Katherine Tattersall, Brendon Ward

Proctor, R, Ward, BJ, Roberts, K, Hope, J, Tattersall, K, Mancini, S; IMOS Ocean Portal; IMOS Data User Workshop, 09/11/2009 - 09/11/2009, University of New South Wales, Sydney, Presenter(s): Sebastien Mancini, Roger Proctor, Kate Roberts, Katherine Tattersall, Brendon Ward

Proctor, R, Ward, BJ, Hope, J, Tattersall, K, Mancini, S; IMOS Ocean Portal; GODAE Oceanview Summer School, 11/01/2010 - 15/01/2010, University of Western Australia, Perth, Presenter(s): Sebastien Mancini, Roger Proctor

Proctor, R, Ward, BJ, Hope, J, Tattersall, K, Mancini, S; IMOS Ocean Portal; Australian Meteorological and Oceanographic Society (AMOS) Conference, 27/01/2010 - 29/01/2010, Canberra, Presenter(s): Patrick Gorrige, Roger Proctor, Kate Roberts, Katherine Tattersall

Proctor, R; The Integrated Marine Observing System (activity update); EU-Australian Research Infrastructure Workshop, 07/06/2010 - 07/06/2010, University of New South Wales, Sydney, Presenter(s): Roger Proctor

Proctor, R, Ward, BJ, Hope, J, Tattersall, K, Mancini, S; IMOS Ocean Portal; IMOS Data User Workshop, 16/07/2010 - 16/07/2010, Woolongong, Presenter(s): Laurent Besnard, Patrick Gorrige, Roger Proctor, Katherine Tattersall, Brendon Ward

Proctor, R, Ward, BJ, Hope, J, Tattersall, K, Mancini, S; IMOS Ocean Portal; IMOS Data User Workshop, 26/07/2010 - 26/07/2010, University of Queensland, Brisbane, Presenter(s): Laurent Besnard, Roger Proctor, Katherine Tattersall, Brendon Ward

Proctor, R, Ward, BJ, Hope, J, Tattersall, K, Mancini, S; IMOS Ocean Portal; IMOS Data User Workshop, 27/07/2010 - 27/07/2010, James Cook University, Townsville, Presenter(s): Roger Proctor, Katherine Tattersall, Brendon Ward

Proctor, R; Integrated Marine Observing System (IMOS) and the Australian Ocean Data Network (AODN); Coast to Coast Conference Workshop - Australian Coastal Observatory, 21/09/2010 - 22/09/2010, Adelaide, Presenter(s): Roger Proctor

Roberts, K; Saying what you mean: Developing controlled vocabulary services for Australian research; Geoscience Australia Standards Meeting, 04/11/2010 - 15/11/2010, Geoscience Australia, Canberra, Presenter(s): Kate Roberts

Roberts, K; Standards based information sharing networks; Geoscience Australia Standards Meeting, 04/11/2010 - 15/11/2010, Geoscience Australia, Canberra, Presenter(s): Kate Roberts

Proctor, R, Ward, BJ, Hope, J, Tattersall, K, Mancini, S, Besnard, L; IMOS Ocean Portal; WAIMOS Science & Data Uptake Workshop, 25/02/2011 - 25/02/2011, University of Western Australia, Perth, Presenter(s): Laurent Besnard, Luke Edwards, Roger Proctor, Katherine Tattersall

Proctor, R, Ward, BJ, Hope, J, Tattersall, K, Mancini, S, Besnard, L; IMOS Ocean Portal; IMOS Data User Workshop, 09/05/2011 - 09/05/2011, University of Tasmania, Hobart, Presenter(s): Laurent Besnard, Sebastien Mancini, Katherine Tattersall

Proctor, R, Ward, BJ, Hope, J, Tattersall, K, Mancini, S, Besnard, L; IMOS Ocean Portal; NSW-IMOS Node Meeting, 12/05/2011 - 12/05/2011, University of Technology Sydney, Sydney, Presenter(s): Laurent Besnard, Katherine Tattersall, Andrew Walsh

Mancini, S; The data portal; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): Sebastien Mancini

Proctor, R; Australia's Integrated Marine Observing System (IMOS) ABOS and OceanSITES; Australia-EU Research Infrastructure Workshop, 26/06/2012 - 27/06/2012, Brussels, Presenter(s): Roger Proctor

Proctor, R; Australia's Integrated Marine Observing System (IMOS) and beyond; Australia-EU Research Infrastructure Workshop, 26/06/2012 - 27/06/2012, Brussels, Presenter(s): Roger Proctor

Proctor, R, Mancini, S, Edwards, L, Breslin, M, Hidas, MG, Galibert, G; WA-AODN Portal; WA Marine Management Event & Launch of WA Australian Ocean Data Network, 07/08/2012 - 07/08/2013, University of Western Australia, Perth, Presenter(s): Guillaume Galibert, Marty Hidas

Proctor, R; Integrated Marine Observing System; Delivering a linked, spatially enabled, Australian information infrastructure workshop, 22/08/2012 - 23/08/2012, University of Canberra, Canberra, Presenter(s): Roger Proctor

Proctor, R, Blain, P, Mancini, S; IMOS/AODN ocean portal: tools for data delivery; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Roger Proctor

Proctor, R, Oke, PR, Davey, B, Rosebrock, U; A marine virtual laboratory and information system applicable to coastal seas; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Roger Proctor

Jacobs, C, Wyborn, L, Proctor, R, Evans, B; Birds of a Feather: Extending the EarthCube Concept Internationally; eResearch Australasia, 20/10/2012 - 25/10/2012, Brisbane, Presenter(s): Ben Evans, Cliff Jacobs, Roger Proctor, Lesley Wyborn

Jacobs, C, Wyborn, L, Proctor, R, Evans, B; Bringing existing global earth and environmental cyberinfrastructures into a common framework ; eResearch Australasia, 20/10/2012 - 25/10/2012, Brisbane, Presenter(s): Roger Proctor

Hoenner, X; Introduction to IMOS; 10th Advanced Phytoplankton Course: Taxonomy and Systematics, 12/11/2012 - 30/11/2012, Copenhagen, Presenter(s): Xavier Hoenner

Proctor, R, Galibert, G, Atkins, N; Data management and manipulation; Big Data Workshop, 03/09/2013 - 04/09/2013, University of Tasmania, Hobart, Presenter(s): Roger Proctor

Hidas, MG; Ocean acidification data on the IMOS portal: how to access the data?; Southern Ocean Acidification Workshop, 23/09/2013 - 23/09/2013, Australian Antarctic Division, Hobart, Presenter(s): Marty Hidas

Proctor, R, Donoghue, S; IMOS data users workshop; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Roger Proctor

Proctor, R; IMOS in the context of GOOS; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Roger Proctor

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Proctor, R; IMOS - monitoring across all domains; UWA Oceans Institute 'Ocean Solutions Dialogues' Workshop 4: Effective Marine Monitoring, 21/11/2013 - 21/11/2013, University of Western Australia, Perth, Presenter(s): Roger Proctor

Mancini, S, Bainbridge, S, Proctor, R; ODIP Prototype 3: establishing a prototype for a sensor observation service (SOS) for selected sensors (SWE) installed on research vessels and in real-time monitoring systems; Ocean Data Interoperability Platform (ODIP) Workshop, 03/12/2013 - 06/12/2013, Scripps Institution of Oceanography, San Diego, Presenter(s): Sebastien Mancini

Mancini, S, Proctor, R; ODIP Prototype 1: Australian Ocean Data Network (AODN); Ocean Data Interoperability Platform (ODIP) Workshop, 03/12/2013 - 06/12/2013, Scripps Institution of Oceanography, San Diego, Presenter(s): Sebastien Mancini

Proctor, R; ODIP and Prototype-3; Australian Sensor Observation Service Workshop, 26/02/2014 - 26/02/2014, Institute of Marine and Antarctic Studies, Hobart, Presenter(s): Roger Proctor

Proctor, R; ODIP Prototype 3 update; ODIP Splinter Group Workshop, 30/04/2014 - 30/04/2014, Vienna, Presenter(s): Roger Proctor

Hoenner, X; IMOS data users workshop; Tapping into IMOS: A User Day for Biologists, 20/05/2014 - 20/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Xavier Hoenner

Proctor, R; Marine Virtual Laboratory; Nectar Research Software Projects Workshop, 25/06/2014 - 27/06/2014, University of Melbourne, Melbourne, Presenter(s): Roger Proctor

Proctor, R; Your research in the cloud: The NeCTAR research cloud; NeCTAR/RDSI facility - IMAS Tasmanian node launch, 29/07/2014 - 29/07/2014, Hobart, Presenter(s): Roger Proctor

Proctor, R; Marine Virtual Laboratory; NeCTAR Research Software Infrastructure Workshop, 03/03/2015 - 05/03/2015, Melbourne, Presenter(s): Roger Proctor

Proctor, R; Australia's Marine Virtual Laboratory - A shelf seas data collection of use to ANSR?; Australian National Shelf Seas Reanalysis Workshop, 10/03/2015 - 12/03/2015, Melbourne, Presenter(s): Roger Proctor

Proctor, R; MARVL presentation ; ARCCSS Winter School, 18/06/2015 - 18/06/2015, Hobart, Presenter(s): Roger Proctor

Galibert, G; IMOS Matlab Toolbox; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Guillaume Galibert

McAllister, F, Galibert, G; IMOS Toolbox and deployment database; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Guillaume Galibert, Kristy McAllister

Hoenner, X; The Integrated Marine Observing System: ocean observations to understand ecosystem responses to climate change; AATAMS Biennial Workshop, 15/10/2015 - 15/10/2015, Sydney, Presenter(s): Xavier Hoenner

Besnard, L; Extracting and sub-setting SRS datasets from the IMOS Ocean Portal; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Laurent Besnard

Besnard, L; Hands on demonstration of useful ocean satellite data manipulation tools/portals; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Laurent Besnard

Hoenner, X; IMOS Ocean Portal; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Xavier Hoenner

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Proctor, R, et, al.; Australia's Marine Virtual Laboratory, MARVL: enabling efficient ocean model configuration; 2016 ROMS Asia-Pacific Workshop, 17/10/2016 - 20/10/2016, Hobart, Presenter(s): Roger Proctor

Galibert, G; A practical introduction to the AODN portal; Topics in Australian Marine Science (TAMS) Workshop, 02/03/2017 - 02/03/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Guillaume Galibert

Mancini, S; Enhancing user access to oceanographic data through commercial cloud services; Ocean Data Interoperability Platform (ODIP) II 3rd Workshop , 07/03/2017 - 10/03/2017, Hobart, Presenter(s): Sebastien Mancini

Mancini, S, Finney, K, Proctor, R, Atkins, N; Managing Australian Ocean Data Network (AODN) vocabularies; Ocean Data Interoperability Platform (ODIP) II 3rd Workshop , 07/03/2017 - 10/03/2017, Hobart, Presenter(s): Sebastien Mancini

Proctor, R, Davey, B, Guru, S, Friedman, A, Langlois, TJ, Dharmawardena, K; The Australian marine sciences cloud; Ocean Data Interoperability Platform (ODIP) II 3rd Workshop , 07/03/2017 - 10/03/2017, Hobart, Presenter(s): Roger Proctor

Proctor, R, Wilkinson, R; International research data partnering; Ocean Data Interoperability Platform (ODIP) II 3rd Workshop , 07/03/2017 - 10/03/2017, Hobart, Presenter(s): Roger Proctor

Proctor, R; A contribution to ocean data interoperability - Australian Ocean Data Network and the Ocean Data Interoperability Platform; CSIRO Digital Coast Community of Practice Workshop, 11/04/2017 - 11/04/2017, Hobart, Presenter(s): Roger Proctor

Hoenner, X; A new quality-control procedure for Australia's IMOS acoustic database ; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Xavier Hoenner

**Type Count**

**254**

## Satellite remote sensing

### Conference Oral Presentation

Cetina-Heredia, P, van Sebille, E, Roughan, M; Nutrient input into Australian ocean basins by ocean boundary currents; International Union of Geophysics and Geology (IUGG) General Assembly, 02/07/2007 - 13/07/2007, Perugia, Presenter(s): Paulina Cetina-Heredia

Turner, P; Distributed gridded data delivery for marine research; eResearch Australasia, 28/09/2008 - 03/10/2008, Melbourne, Presenter(s): Peter Turner

Ridgway, K, Steinberg, C, Herzfeld, M, Schiller, A, Feng, M; Downscaling climate change to Heron Island on the GBR; Marine and Tropical Sciences Research Facility (MTSRF) Conference, 28/04/2009 - 30/04/2009, Townsville

Steinberg, C, Weeks, S, Berkelmans, R; East Australian Current and upwelling influences on the thermal environment of the Great Barrier Reef; Marine and Tropical Sciences Research Facility (MTSRF) Conference, 28/04/2009 - 30/04/2009, Townsville

Steinberg, C, Heron, SF, Herzfeld, M, Weeks, S, Bainbridge, S, Heron, M, Skirving, WJ; Observing and modelling the circulation of the Capricorn Bunker Group, Southern Great Barrier Reef; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Ahmed, S, Harmel, T, Hlaing, S, Tonizzo, A, Gilerson, A ; Validation of ocean colour satellite sensors using multi and hyper-spectral data from Long Island Sound Coastal Observatory; AOP Workshop, 08/12/2009 - 10/12/2009, San Diego, Presenter(s): Sam Ahmed

Steinberg, C, Heron, SF; Oceanography, mechanical damage and wave-induced upwelling; NOAA Coral Reef Watch/UQ Workshop - Satellite monitoring of reef vulnerability in a changing climate, 15/02/2010 - 18/02/2010, Brisbane

Baird, ME, Roughan, M, Morris, BD, Suthers, I; An Integrated Marine Observing System for southeastern Australia: the East Australian Current and its interaction with coastal environments; Ocean Sciences Meeting, 22/02/2010 - 26/02/2010, Portland

Brando, V, Schroeder, T, Dekker, AG, Schaffelke, B, Devlin, M; Delivering accurate water quality information for the Great Barrier Reef lagoon using regionally valid satellite remote sensing data; Marine and Tropical Sciences Research Facility (MTRSF) Conference, 18/05/2010 - 20/05/2010, Cairns

Congdon, BC, Weeks, S, Steinberg, C; Whirlpools and weight loss: linking seabird foraging success and oceanography in the southern Great Barrier Reef; Marine and Tropical Sciences Research Facility (MTRSF) Conference, 18/05/2010 - 20/05/2010, Cairns

Beggs, H, Majewski, L, Paltoglou, G; Satellite Sea Surface Temperature products for the Australian region from IMOS and BLUElink; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Brando, V, Schroeder, T, Dekker, AG, Schaffelke, B, Devlin, M; Management relevant satellite based water quality information for the Great Barrier Reef lagoon using regional optical parameterisation; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Steinberg, C, Heron, SF, Heron, M, Mantovanelli, A, Rigby, P, Weeks, S, Jaffres, JBD, Brinkman, R, Herzfeld, M, Wisdom, D; Advances in observing physical oceanographic impacts on the Southern Great Barrier Reef, Australia; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Wild-Allen, K; Trends in remotely sensed chlorophyll concentration in Tasmanian coastal waters; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong, Presenter(s): Karen Wild-Allen

Steinberg, C, Brinkman, R, Mantovanelli, A, Herzfeld, M, Heron, M, Weeks, S, McAllister, F, Heron, SF, Wisdom, D, Revelard, A; Advances in observing and modelling physical oceanographic impacts on the Southern Great Barrier Reef, Australia; 85th Annual Australian Coral Reef Society (ACRS) Conference, 10/09/2010 - 12/09/2010, Coffs Harbour, Presenter(s): Craig Steinberg

Beggs, H, Griffin, C, Majewski, L, King, E, Govekar, P, Sisson, J; IMOS Sea Surface Temperature products suitable for near-coastal applications; Coast to Coast Conference Workshop - Australian Coastal Observatory, 21/09/2010 - 22/09/2010, Adelaide, Presenter(s): Helen Beggs

Brando, V, Schroeder, T, Dekker, AG, Devlin, M; Spatial and temporal assessment of exceedance of water quality guidelines for the Great Barrier Reef Lagoon using remote sensing data; 34th International Symposium on Remote Sensing of the Environment, 11/04/2011 - 15/04/2011, Sydney

Beggs, H, Majewski, L, Paltoglou, G, Verein, R, Zhong, A; Report to GHRST12 from Australia - BLUElink and IMOS; 12th GHRST Science Team Meeting, 27/06/2011 - 01/07/2011, Edinburgh

Brinkman, R, Herzfeld, M, Steinberg, C, Andrewartha, J, Condie, SA; Simulation of 3-D hydrodynamics, flood plumes and connectivity on the Great Barrier Reef; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Richard Brinkman

Clementson, L, Brando, V, Keen, R, Daniel, P; The Lucinda Jetty Coastal Observatory - an example of a single point observation site; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Jones, N; Internal wave climatology at Ningaloo Reef; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Nicole Jones

Steinberg, C, Rigby, P, McAllister, F, Spagnol, S, Brinkman, R, Jones, N; Current observations from the Continental Shelves of the Arafura and Timor Seas; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Craig Steinberg

Congdon, BC, Weeks, S, Steinberg, C; Seabirds in hot water: linking seabird foraging success and oceanography on the GBR; Ornithological Conference, 28/09/2011 - 01/10/2011, Cairns, Presenter(s): Brad Congdon

Watson, C, White, N, Church, JA, Burgette, R, Tregoning, P, Coleman, R; Updated results from the in situ calibration site in Bass Strait, Australia; Ocean Surface Topography Science Team (OSTST), 19/10/2011 - 21/10/2011, San Diego, Presenter(s): Chris Watson

King, E, Evans, B, Wyborn, L, Wu, W, Lymburner, L, Thankappan, M, Tan, P, Gray, M, Antony, J, Atif, M, Paget, M, Maier, S, Schroeder, T; A national environmental satellite data virtual laboratory; eResearch Australasia, 06/11/2011 - 10/11/2011, Melbourne, Presenter(s): Edward King

Watson, C, White, N, Church, JA, Burgette, R, Tregoning, P, Coleman, R; Satellite Altimeter Calibration and Validation; Tasmanian IMOS Node Community Science Seminar, 09/12/2011 - 09/12/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Chris Watson

Griffin, DA, Cahill, M, Roughan, M, Oke, PR; Observing and modelling the East Australian Current and its eddies using IMOS data and the BLUElink models; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Schroeder, T; Overview of IMOS Cal/Val activities within the Satellite Remote Sensing Facility; Committee on Earth Observation Satellites (CEOS) WGCV-34 Meeting, 06/02/2012 - 10/02/2012, Brisbane, Presenter(s): Thomas Schroeder

Tregoning, P, Watson, C, White, N, Church, JA, Burgette, R, Coleman, R; Satellite validation of sea surface and ice sheet heights from Satellite Altimetry for climate studies; Committee on Earth Observation Satellites (CEOS) WGCV-34 Meeting, 06/02/2012 - 10/02/2012, Brisbane, Presenter(s): Paul Tregoning

Brando, V, Clementson, L, Schroeder, T, Keen, R, Daniel, P, Dekker, AG; Spatial and temporal bio-optical variability at Lucinda Jetty coastal observatory: Implications for calibration and validation of ocean colour sensors; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City

Keen, R, Brando, V, Daniel, P, McKenzie, D, Woodward, L, Palmer, R, Mills, D, Slivkoff, M, Klonowski, W; The establishment of autonomous ship based ocean colour observations on Australian research vessels; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City

Rossi, V, Feng, M, Roughan, M, Waite, A; Upwelling over North-Western Australia: complex interactions between the surface and sub-surface circulation in the Leeuwin Current; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City

King, E; Integrating Ocean Colour into Australia's Marine Observing System; 17th International Ocean Colour Coordinating Group Committee Meeting, 28/02/2012 - 01/03/2012, Denpasar, Presenter(s): Edward King

Beggs, H, Castro, S, Wick, G, Majewski, L, Paltoglou, G, LeBorgne, P, Embury, O, Gentemann, C, Clayson, CA, Weihs, R, Sandery, PA, Barass, V, Tingwell, C, Steinle, P, Harris, A, Merchant, C, Martin, MJ, Zhu, X, Brunke, M; Overview of the GHRSSST Tropical Warm Pool Diurnal Variability Project; GHRSSST Joint Workshop on Tropical Warm Pool and High Latitude SST Issues, 05/03/2012 - 09/03/2012, Melbourne

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Castro, S, Wick, G, Beggs, H; Comparisons observed and predicted diurnal warming in the Tropical Warm Pool using simplified parameterizations; GHRSSST Joint Workshop on Tropical Warm Pool and High Latitude SST Issues, 05/03/2012 - 09/03/2012, Melbourne

Kruger, G, Majewski, L, Beggs, H; ABOM SST Retrievals in the Southern Ocean (and other sundry matters); GHRSSST Joint Workshop on Tropical Warm Pool and High Latitude SST Issues, 05/03/2012 - 09/03/2012, Melbourne

Majewski, L; Validation of MTSAT-1R SST over the Tropical Warm Pool; GHRSSST Joint Workshop on Tropical Warm Pool and High Latitude SST Issues, 05/03/2012 - 09/03/2012, Melbourne, Presenter(s): Leon Majewski

Wick, G, Castro, S, Beggs, H; Preliminary application of physical diurnal warming models within TWP+; GHRSSST Joint Workshop on Tropical Warm Pool and High Latitude SST Issues, 05/03/2012 - 09/03/2012, Melbourne

Zhu, X, Minnett, P, Hendee, J, Manfrino, C, Berkelmans, R, Beggs, H; Coastal diurnal warming study through in-situ data analysis and modelling; GHRSSST Joint Workshop on Tropical Warm Pool and High Latitude SST Issues, 05/03/2012 - 09/03/2012, Melbourne

Antoine, D; General requirements for Cal/Val of ocean colour satellite observations from the preliminary outputs of the CEOS OCR-VC "INSITU-OCR" initiative and as a basis for designing the Sentinel-3/OLCI cal/val plan; Sentinel-3 Calibration and Validation Planning Workshop, 20/03/2012 - 22/03/2012, Frascati, Presenter(s): David Antoine

Frusher, SD, Pecl, G, Hobday, A, Bates, A, Jennings, S, van Putten, I, Watson, R; Insights from SE Australian marine global hotspot; 6th World Fisheries Congress, 07/05/2012 - 11/05/2012, Edinburgh International Conference Centre, Edinburgh, Presenter(s): Stewart Frusher

Frusher, SD, Pecl, G, Hobday, A, Bates, A, Gardner, C, Jennings, S, Swadling, K, van Putten, I, Watson, R; From physics to... communities: An interdisciplinary approach to understanding the impacts of climate change in SE Australia; 2nd International Symposium: Effects of Climate Change on the World's Oceans, 15/05/2012 - 19/05/2012, Yeosu, Presenter(s): Stewart Frusher

Crawford, C, Swadling, K, Frusher, SD; Productivity and water quality changes in coastal waters in southeastern Tasmania, Australia, a climate change hotspot.; 50th ECSA Conference: Today's science for tomorrow's Management, 03/06/2012 - 07/06/2012, Venice, Presenter(s): Christine Crawford

Beggs, H, Kaiser-Weiss, A, Hoyer, J, Harris, A, Corlett, G, Wick, G, Castro, S, Sandery, PA; Summary of the joint workshop on tropical warm pool and high latitude SST issues, Melbourne, 5-9 March 2012; 13th GHRSSST Science Team Meeting, 04/06/2012 - 08/06/2012, Tokyo

Majewski, L, Kruger, G, Beggs, H; AVHRR and MTSAT sea surface temperature products for the Australian region; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns

Spillman, CM, Heron, SF, Steinberg, C, Garde, L, Mahoney, M, Maynard, J, Skirving, WJ, Burgess, T, Eakin, CM; Next-generation high-resolution thermal stress monitoring for the Great Barrier Reef; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns

Beggs, H, Castro, S, Majewski, L, Wick, G, LeBorgne, P, Griffin, C, Gentemann, C, Merchant, C; Using satellite SST to measure diurnal warming in the Tropical Warm Pool Region; 22nd Congress of the International Society for Photogrammetry and Remote Sensing, 25/08/2012 - 01/09/2012, Melbourne

Majewski, L, Kruger, G, Beggs, H; Satellite Sea Surface Temperature products for the Australian region from IMOS; 22nd Congress of the International Society for Photogrammetry and Remote Sensing, 25/08/2012 - 01/09/2012, Melbourne

Watson, C, White, N, Church, JA, Burgette, R, Tregoning, P, Coleman, R; Assessing altimeter bias drift: an Australian contribution using the global tide gauge network and GPS estimates of vertical land motion; Ocean Surface Topography Science Team (OSTST) Meeting, 22/09/2012 - 29/09/2012, Lido, Presenter(s): Chris Watson

Watson, C, White, N, Church, JA, Burgette, R, Tregoning, P, Coleman, R; Updated absolute bias results from the Australian in-situ calibration sites: Bass Strait and Storm Bay; Ocean Surface Topography Science Team (OSTST) Meeting, 22/09/2012 - 29/09/2012, Lido, Presenter(s): Chris Watson

Bonnefond, P, Desjonquieres, JD, Haines, BJ, Mertikas, S, Watson, C; Absolute calibration of the TOPEX/Poseidon and Jason measurement systems: twenty years of monitoring from dedicated sites; 20 years of progress in radar altimetry with 4th Argo Science Workshop, 24/09/2012 - 29/09/2012, Venice, Presenter(s): Chris Watson

Griffin, DA, Cahill, M; Oceancurrent.imos.org.au and Australia's Integrated Marine Observing System; GODAE - OceanView 20 Years of Progress in Radar Altimetry Symposium, 24/09/2012 - 29/09/2012, Venice, Presenter(s): David Griffin

Griffin, DA, Cahill, M; Assessment of CryoSat sea level anomaly using HF radar and SST imagery; Ocean Surface Topography Science Team Meeting, 27/09/2012 - 28/09/2012, Venice, Presenter(s): David Griffin

Clementson, L, Brando, V, Schroeder, T, Besnard, L, Proctor, R, Anstee, J, Blondeau-Patissier, D, King, E; Australia's Integrated Marine Observation System (IMOS); Ocean Optics XXI, 08/10/2012 - 12/10/2012, Glasgow, Presenter(s): L Clementson

Barrell, S; Use of satellite data and products in Australia; 3rd Asia/Oceania Meteorological Satellite Users' Conference, 09/10/2012 - 12/10/2012, Jeju Island, Presenter(s): S Barrell

Beggs, H, Majewski, L, Griffin, C, Siddique, A; New Satellite SST Products that could benefit BLUElink Systems; BLUElink III Science Meeting, 30/10/2012 - 31/10/2012, Hobart, Presenter(s): Helen Beggs

Raes, E, McInnes, AS, Strutton, P, Phillips, H, Waite, A; Dinitrogen fixation in the Eastern Indian Ocean and the usage of IMOS data; Bluewater & Climate Node Science Meeting, 28/11/2012 - 29/11/2012, Hobart, Presenter(s): Eric Raes

Beggs, H, Castro, S, Majewski, L, Wick, G, Merchant, C, Griffin, C, LeBorgne, P, Gentemann, C; A Study of Diurnal Warming in the Tropical Warm Pool using Sea Surface Temperature from Multiple Satellites ; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Helen Beggs

Schaeffer, A, Roughan, M, Morris, BD; Understanding the complex roles of alongshore current and wind forcing in driving upwelling in the east Australian Current; Australian Meteorological and Oceanographic Society (AMOS) Conference, 11/02/2013 - 13/02/2013, Melbourne, Presenter(s): Amandine Schaeffer

Henschke, N, Everett, JD, Doblin, MA, Pitt, K, Richardson, A, Suthers, I; Demographic characteristics of salp swarms (*Thalia democratica*) and their interannual variability; 4th International Jellyfish Bloom Symposium, 05/06/2013 - 07/06/2013, Hiroshima, Presenter(s): Natasha Henschke

Beggs, H, Majewski, L, Castro, S, Wick, G, Brunke, M, Rodriguez, J; Update on the GHRSSST Tropical Warm Pool Diurnal Variability (TWP+) Project; 14th GHRSSST Science Team Meeting, 17/06/2013 - 21/06/2013, Woods Hole, Presenter(s): Helen Beggs

Beggs, H, Majewski, L, Griffin, C, Verein, R, Tingwell, C, Sakov, P, Garde, L; Report to GHRSSST14 from Australia - BLUElink and IMOS; 14th GHRSSST Science Team Meeting, 17/06/2013 - 21/06/2013, Woods Hole, Presenter(s): Helen Beggs

Griffin, C, Beggs, H, Majewski, L; A consistent day/night regression algorithm based on 3-channel AVHRR; 14th GHRSSST Science Team Meeting, 17/06/2013 - 21/06/2013, Woods Hole, Presenter(s): Christopher Griffin

Griffin, C, Beggs, H, Majewski, L; BoM efforts to improve SSEs for AVHRR SST Level 3 Products; 14th GHRST Science Team Meeting, 17/06/2013 - 21/06/2013, Woods Hole, Presenter(s): Christopher Griffin

Kobashi, D, Robertson, R, Warner, J; Internal tides in shallow water and their interactions with the bottom boundary layer; Asia-Oceania Geosciences Society Annual Meeting, 24/06/2013 - 28/06/2013, Brisbane, Presenter(s): Daijiro Kobashi

Griffin, DA, Cahill, M; IMOS Ocean Current: monitoring Australia's ocean currents on a daily basis, for all to see; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): David Griffin

Ingleton, T, Davies, P, Jordan, A, Williams, S; Hydrographic observations, towed video and relationships to benthic habitat: recent surveys in NSW's marine protected areas; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Tim Ingleton

Beggs, H; Group for high resolution sea surface temperature (GHRST) - activities in Asia and Oceania; 4th Asia Oceana Meteorological Satellite User's Conference, 09/10/2013 - 11/10/2013, Melbourne, Presenter(s): Helen Beggs

Griffin, C, Beggs, H, Majewski, L; A quick introduction to the methods and features of the IMOS HRPT AVHRR SST dataset produced by the Australian Bureau of Meteorology; 4th Asia Oceana Meteorological Satellite User's Conference, 09/10/2013 - 11/10/2013, Melbourne, Presenter(s): Christopher Griffin

Majewski, L, Griffin, C, Beggs, H; Spatial and temporal biases in MTSAT-1R SST; 4th Asia Oceana Meteorological Satellite User's Conference, 09/10/2013 - 11/10/2013, Melbourne, Presenter(s): Helen Beggs

Brieva, D; Upwelling off shore Fraser Island; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Daniel Brieva

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M; Transport and separation in the East Australian Current: inter-annual variability, trend, and implications for advection of propagules; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Paulina Cetina-Heredia

Feng, M; Shelf temperature observations off Rottnest, Western Australia since 1950; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Ming Feng

Griffin, DA; Highlights of the IMOS observations of ocean currents; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): David Griffin

Mantovanelli, A, Roughan, M, Keating, S, Wyatt, LR, Schaeffer, A; On the complex interactions of the East Australian Current (EAC) and continental shelf waters; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Alessandra Mantovanelli

Oke, PR; Towards a dynamically balanced eddy-resolving ocean reanalysis: BRAN3; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Peter Oke

Robertson, R; Coastally trapped waves on the southern and eastern coasts of Australia; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Robin Robertson

Rykova, T; A comparison of the three-dimensional structure of the western boundary current eddies; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Tatiana Rykova

Schaeffer, A; Can we quantify the transport and frequency of bottom water uplift driven by the East Australian Current?; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Amandine Schaeffer

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M, Feng, M; Larval transport under a climate change scenario in a strengthening western boundary current; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Paulina Cetina-Heredia

King, E, Paget, M, Suber, K; IMOS AODAAC - gridded data access; Spatially Explicit Data Discovery, Extraction and Evaluation Services (SPEDDEXES), 17/03/2014 - 21/03/2014, Sydney, Presenter(s): Edward King

Ingleton, T, Davies, C, Jordan, A, Neilson, J, et. al.; Habitat mapping, towed video and benthic invertebrate assemblages within a marine park on Australia's temperate east coast; GeoHab 2014 Workshop: Ground-validation for remotely sensed marine habitat mapping and species distribution modelling, 05/05/2014 - 05/05/2014, Melbourne, Presenter(s): Tim Ingleton

MacDonald, HS, Roughan, M, Wilkin, J, Baird, ME; Eddies in the East Australian Current; ROMS/TOMS Workshop, 26/05/2014 - 29/05/2014, Rovinj, Presenter(s): Helen MacDonald

Beggs, H, Griffin, C, Majewski, L, Siddique, A; 21 years of high-resolution sea surface temperatures around Australia and Antarctica; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Helen Beggs

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M, Feng, M; Larval transport and connectivity of marine reserves under a climate change scenario; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Paulina Cetina-Heredia

Clementson, L, Helidoniotis, F, Lynch, T; A systematic approach to providing high quality bio-optical data streams from moored observing systems over broad spatial and temporal scales; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): L Clementson

Schroeder, T, Lovell, J, Clementson, L, King, E; Evaluation of MODIS chlorophyll algorithms in Australian continental shelf waters: the IMOS match-up database; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Thomas Schroeder

Spillman, CM, Garde, L, Heron, SF, Beeden, R; ReefTemp Next Generation: A new operational system for monitoring thermal stress on the Great Barrier Reef; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Claire Spillman

Henschke, N, Smith, J, Everett, JD, Suthers, I; A density dependent *Thalia democratica* population model ; ICES Annual Science Conference, 15/09/2014 - 19/09/2014, Coruna, Presenter(s): Natasha Henschke

Baird, ME, Wild-Allen, K, Mongin, M, Skerratt, J, Rizwi, F, Robson, B, Jones, EM, Schroeder, T; eReefs biogeochemical model assessment - ocean colour and in situ observations; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Mark Baird

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M, Feng, M; Past, present and future transport patterns along the east Australian coast and its impact on larval dispersal; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Paulina Cetina-Heredia

Griffin, DA, Cahill, M; Coastal Altimetry 101; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): David Griffin

Herzfeld, M, Gillibrand, P; Model optimization through development: the eReefs example; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Mike Herzfeld



Jones, EM, Baird, ME, Herzfeld, M, Oke, PR, Mongin, M, Parslow, J, King, E, Skerratt, J, Wild-Allen, K, Robson, B, Margvelashvili, N, Andrewartha, J; eReefs data assimilation - from the hydrodynamics to the biogeochemistry; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Emlyn Jones

Clementson, L, King, E, Hardman-Mountford, NJ, et. al.; Distribution of Phytoplankton Functional Types (PFTs) in the low productivity water off Western Australia - a comparison of satellite and in situ methods; Ocean Optics XXII, 26/10/2014 - 31/10/2014, Portland, Presenter(s): L Clementson

Watson, C, White, N, Church, JA, Beardsley, J, Legresy, B, King, M; Update results from the Australian in-situ calibration sites: Bass Strait and Storm Bay; Ocean Surface Topography Science Team (OSTST) Meeting, 27/10/2014 - 31/10/2014, Lake Constance, Presenter(s): Chris Watson

Watson, C, White, N, Church, JA, King, M, Burgette, R; Refining satellite era estimates of global mean sea level rise; Geography and Spatial Sciences Conference, 25/11/2014 - 26/11/2014, Hobart, Presenter(s): Chris Watson

Book, JW, Pequignet, C, MacDonald, HS, Jones, N, Lowe, R, Ivey, GN, Rice, AE, Rowley, C, Brinkman, R, Steinberg, C, Strutton, P, Smith, S; Observations and modelling of the North West shelf of Australia during Austral Summer 2011/2012; European Geosciences Union (EGU) General Assembly, 12/04/2015 - 17/04/2015, Vienna, Presenter(s): Jeff Book

Zibordi, G; JRC Agency Report; 39th CEOS Working Group on Calibration and Validation Plenary, 06/05/2015 - 08/05/2015, Berlin, Presenter(s): Giuseppe Zibordi

Schroeder, T, King, E, Steven, A, Brando, V, Dekker, AG; Towards continental-scale operational ocean and coastal monitoring using earth observation data in Australia; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Thomas Schroeder

Steven, A, Clementson, L, King, E, Hodge, J, Schroeder, T, Hardman-Mountford, NJ; ChloroGIN and other ocean colour developments in Australia; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Andy Steven

Legresy, B, Watson, C, Church, JA, White, N, Trebaul, J-P, Beardsley, J, Andrewartha, J; Satellite altimetry calibration/validation at the Australian Bass Strait site in the context of the new missions: Jason-3 and Sentinel-3; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Chris Watson

Schaeffer, A, Roughan, M; Influence of a western boundary current on shelf dynamics, upwelling and bio-physical variability from repeat glider deployments; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Amandine Schaeffer

Schaeffer, A, Roughan, M, Wood, JE; Cross-shelf dynamics, bottom boundary layer transport and upwelling on the continental shelf adjacent to the East Australian Current; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Amandine Schaeffer

van Sebille, E, Bull, C, Cetina-Heredia, P, Ypma, S, Roughan, M, England, MH; Variability in the Australian Boundary Currents: connecting the East Australian and Leeuwin Currents; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Erik van Sebille

Watson, C, White, N, Church, JA, King, M, Burgette, R, Legresy, B; Assessing the rate of GMSL change over the satellite era; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Chris Watson

Baird, ME, Mongin, M, Jones, EM; An integrating observational and modelling systems for the management of the Great Barrier Reef; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Mark Baird

Clementson, L, Lynch, T, Kelly, P, Moore, D, Kay, R; A systematic approach to providing high quality bio-optical data streams from moored observing systems over broad spatial and temporal scales - part II; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): L Clementson

Courtney, T, Spillman, CM; Coastal and oceanographic influences on the Queensland (Australia) east coast saucer scallop (*Amusium balloti*) fishery; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Tony Courtney

Davies, P, Potts, J, Sutherland, M, et, al.; Where does all the mud go?; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Peter Davies

Doubell, M, Redondo-Rodriguez, A, James, C, Carrol, J, Watson, P, Ward, T; Predictability of South Australian sardine habitat distribution; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Mark Doubell

Everett, JD, Smith, J, Suthers, I, Taylor, M; Eastern king prawn dispersal in eastern Australia: new information from particle tracking; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Jason Everett

Feng, M, Benthuisen, J, Slawinski, D; Freshening of the Indonesian throughflow and the Leeuwin Current during the 2010-11 La Nina/Ningaloo Nino; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Ming Feng

Jennings, S, Beckley, L; Oceanographic synopsis of the Southern Bluefin Tuna spawning ground in the Eastern Indian Ocean; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Shona Jennings

Malthus, T; Where next with earth observation of coastal water quality?; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Tim Malthus

Wellington, M, Beckley, L, Olivar, P; Macro-zooplankton availability for foraging seabirds and the influence of meso-scale oceanographic features; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Max Wellington

Wild-Allen, K, Rayner, M, Baird, ME; Fine-scale nutrient observations confirm simulated biogeochemical variability in estuarine, coastal and shelf systems; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Karen Wild-Allen

Baird, ME, Herzfeld, M, Wild-Allen, K, Margvelashvili, N, Skerratt, J, Mongin, M, Jones, EM, Rizwi, F, Robson, B; A coupled hydrodynamic, optical, sediment, biogeochemical model of coastal waters of the Great Barrier Reef: system behaviour and assessment; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Mark Baird

Benthuisen, J, Brinkman, GW, Tonin, H, Steinberg, C; Cool near-bottom intrusions in the Central Great Barrier Reef; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Jessica Benthuisen

Church, JA; Sea-level change: a scientific and social challenge for the 21st century; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): John Church

Johnson, R; Biogeophysical remote sensing of the Great Barrier Reef; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Robert Johnson

Keating, S; Estimating mixing by submesoscale eddies using super-resolved satellite images; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Shane Keating

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Menezes, V, Phillips, H; Sea Surface salinity maximum of the South Indian ocean from Aquarius and IMOS satellites, ARGO and RAMA data; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Viviane Menezes

Schaeffer, A, Roughan, M; Influence of the East Australian Current on shelf dynamics, upwelling and bio-physical variability from repeat glider deployments; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Amandine Schaeffer

Skerratt, J, Baird, ME, Mongin, M, Robson, B, Rizwi, F, Wild-Allen, K; The eReefs marine model suite: tools for better quantifying and understanding the Great Barrier Reef circulation and water quality; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Jenny Skerratt

Roughan, M, Jones, EM, Oke, PR, Moltmann, T, May, P, Schiller, A; A National Shelf Re-analysis (ANSR) project for Australia; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Moninya Roughan

Everett, JD, Smith, JA, Suthers, I, Taylor, M; Eastern king prawn dispersal in Eastern Australia: new information from particle tracking; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Jason Everett

Watson, C, Legresy, B, Church, JA, Beardsley, J, King, M, Santamaria-Gomez, A; Absolute bias estimates from the Australian in situ sites; Ocean Surface Topography Science Team (OSTST) Meeting, 20/10/2015 - 23/10/2015, Reston, Presenter(s): Chris Watson

Watson, C, Legresy, B, Church, JA, King, M, Santamaria-Gomez, A; Assessing satellite era sea level change using tide gauges and estimates of land motion; Ocean Surface Topography Science Team (OSTST) Meeting, 20/10/2015 - 23/10/2015, Reston, Presenter(s): Chris Watson

Clementson, L, Richardson, A, Davies, C, Schroeder, T; Data, data everywhere - how to access phytoplankton taxonomic and pigment composition data for the Australian region; 29th Australasian Society for Phycology and Aquatic Botany Conference, 04/11/2015 - 06/11/2015, Hobart, Presenter(s): L Clementson

Beggs, H, Griffin, C, Majewski, L, King, E, Sisson, J; IMOS SST products suitable for near coastal applications; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Helen Beggs

Brassington, GB, Colberg, F, Sandery, PA, Sakov, P; An operational coastal ocean forecasting system for the Great Barrier Reef; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Frank Colberg

Minnett, P, Zhu, X, Beggs, H, Steinberg, C; Satellite remote sensing of sea-surface temperature over the Great Barrier Reef; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Peter Minnett

Hardman-Mountford, NJ; Australian ocean colour activities; 21st IOCCG Committee Meeting, 01/03/2016 - 03/03/2016, Santa Monica, Presenter(s): Nick Hardman-Mountford

Jamet, C; Atmospheric correction in coastal waters; 21st IOCCG Committee Meeting, 01/03/2016 - 03/03/2016, Santa Monica, Presenter(s): Cedric Jamet

Legresy, B, Watson, C; Opportunities for SWOT Cal/Val around Australia; Surface Water and Ocean Topography (SWOT) Science Team Meeting, 13/06/2016 - 17/06/2016, Pasadena

Watson, C, Legresy, B; SWOT Cal/Val around Australia; Surface Water and Ocean Topography (SWOT) Science Team Meeting, 13/06/2016 - 17/06/2016, Pasadena, Presenter(s): P Bonnefond

Roughan, M, Keating, S, Schaeffer, A, Cetina-Heredia, P; An observational study of the biophysical characteristics of two contrasting cyclonic eddies in the East Australian Current system; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Moninya Roughan

Spencer, D, Brown, IW, Lemkert, C, Lee, SY; Could upwelling be enhancing short-term spanner crab (*Ranina ranina*) catchability?; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): David Spencer

Spillman, CM, Hobday, A, Eveson, P, Hartog, JR; Seasonal forecasting for decision support in marine fisheries and aquaculture; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Claire Spillman

Spillman, CM, Wachenfeld, D, Pearce, A, Pears, R; It's getting hot in here: Monitoring and predicting this summer's bleaching event on the Great Barrier Reef; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Claire Spillman

Steinberg, C, Benthuisen, J, Herzfeld, M, Tonin, H, et, al.; Responding to the 2016 mass coral bleaching event on the Great Barrier Reef: from observations to modelling; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Craig Steinberg

Schroeder, T, Qiu, Y, Malthus, T; Coastal atmospheric correction for Himwari-8 and IMOS validation support; 2nd GEO-LEO Applications Workshop, 01/09/2016 - 01/09/2016, Tokyo, Presenter(s): Thomas Schroeder

Cahill, M; IMOS OceanCurrent web site; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Madeleine Cahill

Hobday, A; Looking into the future: seasonal to multi-year forecasts for fish and fisheries; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Alastair Hobday

Lara-Lopez, A; Long-term observing systems: what is on offer in Australia and can it improve my science?; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Ana Lara-Lopez

Middleton, J; Physics to fisheries: IMOS data enables; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): John Middleton

Miskiewic, AG; Comparison of fish larvae communities in a young versus an old frontal eddy of the East Australian Current in relation to possible source waters; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart

Steinberg, C; Physical oceanographic influences on tropical reef and continental shelf fish from IMOS observations; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Craig Steinberg

Malthus, T; CSIRO agency report on Cal/Val activities; 41st CEOS Working Group on Calibration and Validation Plenary, 05/09/2016 - 07/09/2016, Tokyo, Presenter(s): Tim Malthus

Sundarabalan, B, Jamet, C, Bailey, S, Brajard, J, He, X, Ruddick, K, Schroeder, T, Shanmugam, P, Stamnes, K, Sterckx, S, Wang, M; Atmospheric correction over complex turbid waters; Ocean Optics XXIII Conference, 23/10/2016 - 28/10/2016, Victoria, Presenter(s): b Sundarabalan

Steinberg, C, Benthuisen, J, Tonin, H, et, al.; Marine heat wave leading to a mass coral bleaching event on the Grey Barrier Reef: from monitoring to modelling; AMOS/MSNZ Conference and ANZ Climate Forum 2017, 07/02/2017 - 10/02/2017, Canberra, Presenter(s): Craig Steinberg

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Woizniak, M, Baird, ME, Schroeder, T, Clementson, L, Jones, EM; Variation of optical properties at Lucinda Jetty Coastal Observatory and its input into an optical model of coastal waters in Great Barrier Reef region; European Geosciences Union (EGU) General Assembly, 23/04/2017 - 28/04/2017, Vienna, Presenter(s): Monika Woizniak

Watson, C, Chen, X, Zhang, X, Church, JA, King, M, Monselesan, D, Legresy, B; The increasing rate of global mean sea level rise over the satellite era; School of Land and Food Research Conference, 13/06/2017 - 15/06/2017, Hobart, Presenter(s): Chris Watson

Antoine, D, Schroeder, T, et, al.; The Australian Integrated Marine Observing System (IMOS) radiometry task team: a community effort towards improved field ocean colour measurements; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): David Antoine

Antoine, D; Why would "satellite remote sensing scientists" spend time doing fieldwork?; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): David Antoine

Clementson, L; 4 years of observational data from LJCO; an assessment of the bio-optical variability in GBR coastal waters; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): L Clementson

Govekar, P; Use of ACSP0 VIIRS L3U SST in the Australian Bureau of Meteorology; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Pallavi Govekar

Huang, Z; Use of MODIS data to investigate the spatial and temporal variability of the Bonney upwelling in the past 14 years; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Zhi Huang

Schroeder, T, Clementson, L, Woizniak, M, Baird, ME, et, al.; Four years of observational data from the Lucinda Jetty Coastal Observatory (LJCO): An assessment of the bio-optical variability in GBR coastal waters; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Thomas Schroeder

Skerratt, J; Changes in water quality from 2010 to 2016 throughout the Great Barrier Reef; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Mathieu Mongin

Skerratt, J; Integrating models into water quality decisions; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Jenny Skerratt

Smith, G; Sea Surface Temperature Forecasts for evaluating Coral Bleaching Risk in the Great Barrier Reef; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Grant Smith

Tonin, H; Mass Coral bleaching in the far northern region of the Great Barrier Reef and Torres Strait – a numerical modelling study; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Hemerson Tonin

Lara-Lopez, A, Moltmann, T, Proctor, R; Measuring and understanding change: IMOS initiatives and tools relevant to fish and fisheries; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Tim Moltmann

McLeay, L; What is driving changes in size at maturity (L50) in Australia's largest Southern Rock Lobster fishery?; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Lachlan McLeay

Watson, C, Chen, X, Zhang, X, Church, JA, King, M, Monselesan, D, Legresy, B, Harig, C, Royston, S; Further understanding the global mean sea level record over the satellite era; Future Sea Levels and Coastal Impacts Workshop, 15/11/2017 - 17/11/2017, Hobart, Presenter(s): Chris Watson

## Conference Poster

Turner, P, King, E; The Australian Oceans DAAC; eResearch Australasia, 26/06/2007 - 28/06/2007, Brisbane

Majewski, L; New and enhanced Satellite Sea Surface Temperature products over the Australian region; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne, Presenter(s): Leon Majewski

Bainbridge, S, Steinberg, C, Heron, M, Rigby, P; The role of observation systems in coral reef monitoring and management; 2009 Joint Assembly, 24/05/2009 - 27/05/2009, Toronto

Steinberg, C, McAllister, F, McLean, CM, Brinkman, GW, Pitcher, C, Luetchrford, J, Rigby, P; The Great Barrier Reef Ocean Observing System: monitoring the Western Boundary Currents of the Coral Sea and impacts on the Great Barrier Reef; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Beggs, H, Gentemann, C, Steinle, P; Real-time skin sea surface temperature analyses for quality control of data assimilated into NWP models; 5th World Meteorological Organisation Symposium on Data Assimilation of Observations in Meteorology, Oceanography and Hydrology, 05/10/2009 - 09/10/2009, Melbourne

Suber, K, King, E, Smith, G, Paget, M, Blain, P; Building the semantic web for gridded data ; eResearch Australasia, 08/11/2010 - 12/11/2010, Gold Coast, Presenter(s): Edward King

Kelly, SM, Jones, N, Ivey, GN, Brinkman, R, Lowe, R; Internal tides in the Timor Sea and on the Australian North West Shelf ; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Samuel Kelly

Castro, S, Wick, G, Beggs, H; Comparisons of observed and predicted diurnal warming in the Tropical Warm Pool using simplified parameterizations; GHRSSST Joint Workshop on Tropical Warm Pool and High Latitude SST Issues, 05/03/2012 - 09/03/2012, Melbourne

Oke, PR, Griffin, DA, Schiller, A, Matear, R, Fiedler, R, Mansbridge, JV, Cahill, M, Chamberlin, M, Ridgway, K; Validation of a near-global eddy-resolving ocean model; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Peter Oke

Zhong, L, Feng, M; Upper ocean heat balance off the West Coast of Australia; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Liejun Zhong

Watson, C, White, N, Church, JA, King, M, Burgette, R; Improving the tide gauge validation for the altimeter sea level climate record; Ocean Surface Topography Science Team (OSTST) 2013 Meeting, 08/10/2013 - 11/10/2013, Boulder, Presenter(s): Chris Watson

Watson, C, White, N, Church, JA, King, M, Burgette, R; Validating the satellite altimeter sea level climate record; American Geophysical Union (AGU) Fall Meeting , 09/12/2013 - 13/12/2013, San Fransisco, Presenter(s): Chris Watson

Feng, M, Lumley, M; Shelf temperature observations off Rottnest, Western Australia since 1950; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Ming Feng

Luick, J, Mao, Y; Circulation in the Southern Great Barrier Reef studied through an integration of multiple remote sensing and in-situ measurements; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): John Luick

Menezes, V, Phillips, H, Schiller, A, Bindoff, N, Domingues, CM; Eastward currents of the South Indian Ocean and associated fronts; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart,

Presenter(s): Viviane Menezes

Jones, K, Strutton, P, Furnas, M; Enhanced biological production from tropical cyclones and ephemeral weather events in an oligotrophic coastal system; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Peter Strutton

Moltmann, T, Proctor, R, Donoghue, S; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

Hardman-Mountford, NJ, Greenwood, J, Dufois, F, Trull, T; Using biogeochemical models to optimise sampling design for biogeochemical profiling float arrays; Advances in Marine Ecosystem Modelling Research, 30/06/2014 - 03/07/2014, Plymouth, Presenter(s): Nick Hardman-Mountford

Kelly, P, Clementson, L, Swadling, K; Drivers of Eastern Australia zooplankton community composition: emphasis on the distribution patterns at Maria Island; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Paige Kelly

Colberg, F, Slawinski, D, Feng, M; A higher resolution model of shelf circulation and marine connectivity of the north-west shelf; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Kerry, C, Roughan, M, Powell, B; A high resolution re-analysis for the East Australian Current; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Robson, B, Rizwi, F, Geoffroy, L, Brebion, J, Baird, ME, Skerratt, J, Mongin, M, Wild-Allen, K, Jones, EM, Margvelashvili, N, Herzfeld, M; The eReefs relocatable biogeochemical model (RECOM) and its parameter libraries; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Schaeffer, A, Roughan, M; Marine Virtual Laboratory (MARVL) high-resolution ROMS test: the East Australian Current at 30 degrees South in Solitary Island Marine Park (SIMP) ; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Verspecht, F, Mihanovic, H, Pattiaratchi, C; Sea breeze force near-inertial waves on Rottnest Shelf, Western Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Wijeratne, S, Pattiaratchi, C, Proctor, R; Estimates of alongshore and cross-shelf transports around Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Sarath Wijeratne

Doblin, MA, van Dongen-Vogels, V, Robinson, C, Ralph, P, Everett, JD, McLaughlin, J, Cherukuru, N, King, E, Hardman-Mountford, NJ, Thompson, P; First comparative assessment of primary production estimates in Australian coastal waters from carbon and chlorophyll based satellite models; Ocean Optics XXII, 26/10/2014 - 31/10/2014, Portland, Presenter(s): M Doblin

Hardman-Mountford, NJ, Trull, T, Greenwood, J, Dufois, F, Ravichandran, M; Bio-optical characterisation of biogeochemical hotspots in the Indian Ocean using profiling floats; Ocean Optics XXII, 26/10/2014 - 31/10/2014, Portland, Presenter(s): Nick Hardman-Mountford

Hardman-Mountford, NJ, Trull, T, Greenwood, J, Dufois, F, Ravichandran, M; Bio-optical observing of the interior Indian Ocean: developing a bio-Argo network; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Nick Hardman-Mountford

King, E, Hardman-Mountford, NJ, Hodge, J; ChloroGIN: developments for the Australasian and Indonesian Seas Region; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Edward King

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Hardman-Mountford, NJ, Greenwood, J, Dufois, F, Slawinski, D, Ravichandran, M, et, al.; Integration of bio-optical profiling floats within an Indian Ocean biogeochemical observing system; International Ocean Colour Science Meeting, 15/06/2015 - 18/06/2015, San Fransisco, Presenter(s): Nick Hardman-Mountford

Beggs, H, Majewski, L, Griffin, C, King, E, Sisson, J; 23 years of sea surface temperature products from IMOS; 16th GHRST Science Team Meeting, 20/07/2015 - 24/07/2015, Noordwyk, Presenter(s): Helen Beggs

Zhang, H, Beggs, H, Majewski, L, Huang, X, Kiss, A; Investigating sea surface temperature diurnal variation over the tropical warm pool using MTSAT-1R data; 16th GHRST Science Team Meeting, 20/07/2015 - 24/07/2015, Noordwyk, Presenter(s): Helen Beggs

Beggs, H, Majewski, L, Griffin, C, King, E, Sisson, J; 23 years of sea surface temperature products from IMOS ; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Helen Beggs

Cahill, M, Griffin, DA; IMOS OceanCurrent gridded sea level and ocean surface velocity; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Madeleine Cahill

King, E, Scott, R; Near real time satellite SST for decision making; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Edward King

Middleton, J, Schulz, E, et, al.; eSAMarine - phase 1: the first step towards an operational now-cast/forecast ocean prediction system for Southern Australia; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): John Middleton

Schroeder, T, King, E, Scott, R; IMOS foundational ocean colour time series products for Australia; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Thomas Schroeder

Skerratt, J, Baird, ME, Mongin, M, Robson, B, Rizwi, F, Wild-Allen, K; The eReefs marine model suite: tools for better quantifying and understanding the Great Barrier Reef circulation and water quality; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Jenny Skerratt

Jones, EM, Margvelashvili, N, Mongin, M, et, al.; Integrating observational and modelling systems for the management of the Great Barrier Reef; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Emlyn Jones

Bassani, C, Cazzaniga, I, Manzo, C, et, al.; Atmospheric and adjacency correction of Landsat-8 imagery of inland and coastal waters near AERONET-OC sites; ESA Living Planet Symposium, 09/05/2016 - 13/05/2016, Prague

Zhang, H, Beggs, H, Wang, XH, Kiss, A, Griffin, C; Seasonal patterns of sea surface temperature diurnal variation over the Tropical Warm Pool region; 17th GHRST Science Team Meeting, 06/06/2016 - 10/06/2016, Washington DC, Presenter(s): Helen Beggs

Spencer, D, Brown, IW, Lemkert, C; A new perspective on the effects of ambient temperature on spanner crab (*Ranina ranina*) catchability in South East Queensland; 13th Annual Meeting, Asia Oceania Geosciences Society (AOGS), 31/07/2016 - 05/08/2016, Beijing, Presenter(s): David Spencer

Beggs, H, Griffin, C, Majewski, L, King, E, Sisson, J; IMOS sea surface temperature products suitable for near-coastal applications; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Reid, P, Sloyan, B, Spillman, CM, Argent, R; SST in Australia EEZ; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra



Ribbat, N, Roughan, M, Powell, B; Mean circulation on the continental shelf off South-East Australia 31.5-34.5: the Hawkesbury Bioregion 2012-2013; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Rocha, C, Edwards, CA, Kerry, C, Roughan, M; Towards biogeochemical modelling of the EAC; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Clementson, L, Lynch, T, Kelly, P, Moore, D, Kay, R, Schroeder, T; Providing high quality chlorophyll-a data streams from moored observing systems over broad spatial and temporal scales ; Ocean Optics XXIII Conference, 23/10/2016 - 28/10/2016, Victoria, Presenter(s): L Clementson

Antoine, D, Schroeder, T, Botha, N, et, al.; The Australian Integrated Marine Observing System (IMOS) radiometry task team: a community effort towards improved field ocean colour measurements; International Ocean Colour Science Meeting, 15/05/2017 - 18/05/2017, Lisbon, Presenter(s): David Antoine

Watson, C, Legresy, B, Royston, S, King, M, Church, JA, Chen, X, Zhang, X, Monselesan, D, Harig, C; Time variable biases within the satellite era sea level climate record; Regional Sea Level Changes and Coastal Impacts, 10/07/2017 - 14/07/2017, New York, Presenter(s): Chris Watson

Cancet, M, Bonnefond, P, Haines, BJ, Watson, C, Lyard, F; Regional in situ CalVal of satellite altimeter range at non-dedicated sites; Ocean Surface Topography Science Team Meeting, 23/10/2017 - 27/10/2017, Miami, Presenter(s): Mathilde Cancet

Legresy, B, Watson, C, Cahill, M, Andrewartha, J; Sentinel-3 calibration and validation in Bass Strait as an extension of the Jason site; Ocean Surface Topography Science Team Meeting, 23/10/2017 - 27/10/2017, Miami, Presenter(s): Benoit Legresy

Ishak, NHBA; The summer of salps: Do warmer seas promote Thaliacea blooms in Storm Bay, Tasmania? ; Graduate Research Conference: Sharing Excellence in Research, University of Tasmania, Hobart, Presenter(s): Nurul Huda Binti Ahmad Ishak

### **Course Presentation**

Paltoglou, G, Beggs, H, Majewski, L; New Australian high resolution AVHRR SST products from the Integrated Marine Observing System; Australian Remote Sensing and Photogrammetry Conference, 13/09/2010 - 17/09/2010, Alice Springs, Presenter(s): George Paltoglou

### **Key Note Speaker**

Beggs, H, Majewski, L, Paltoglou, G; Use of thermal infrared from space in operational systems; Oceans from Space, 26/04/2010 - 30/04/2010, Venice

Watson, C; Space Geodesy: Current techniques, challenges and some unsolved problems; Engineering Mathematics and Applications Conference (EMAC), 04/12/2011 - 07/12/2011, Sydney, Presenter(s): Chris Watson

### **Meeting Presentation**

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Beggs, H; Report from the Australian Regional Data Assembly Centre; 9th GHRSS-PP Science Team Meeting, 09/06/2008 - 13/06/2008, Perros-Guirec, Presenter(s): Helen Beggs

Majewski, L; Status of SSES at the Bureau of Meteorology; 9th GHRSS-PP Science Team Meeting, 09/06/2008 - 13/06/2008, Perros-Guirec, Presenter(s): Leon Majewski

Beggs, H, Majewski, L, Andreu-Burillo, I, Paltoglou, G, Verein, R; Report to GHRSS10 from Australia - BLUElink and IMOS; 10th GHRSS Science Team Meeting, 01/06/2009 - 01/06/2009, Santa Rosa, Presenter(s): Helen Beggs

Brando, V, Dekker, AG, Schroeder, T, Blondeau-Patissier, D, Park, Y-J, Clementson, L, Cherukuru, N, Daniel, P; Optical complexity of the coastal waters of the Great Barrier Reef: Strategies to incorporate regional and seasonal knowledge of optical properties; Ocean Sciences Meeting, 22/02/2010 - 26/02/2010, Portland

Watson, C, White, N, Church, JA, Burgette, R, Tregoning, P, Coleman, R; In-situ calibration: the potential benefits of single-pass, multi-site, data collection; Ocean Surface Topography Science Team (OSTST) Meeting, 18/10/2010 - 22/10/2010, Lisbon

Watson, C, White, N, Church, JA, Burgette, R, Tregoning, P, Coleman, R; Updated results from the in situ calibration site in Bass Strait, Australia; Ocean Surface Topography Science Team (OSTST) Meeting, 18/10/2010 - 22/10/2010, Lisbon

Brando, V; Overview of the AERONET-OC LJCO site and IMOS SRS-OC Cal/Val activities; 23rd CEOS Calibration and Validation Working Group Meeting, 19/10/2010 - 19/10/2010, Ispra, Presenter(s): Vittorio Brando

Brando, V; Use of overview of the AERONET-OC LJCO data for Cal/Val activities; Hyperspectral Imager for the Coastal Ocean (HICO), First Users Meeting, 22/02/2011 - 22/02/2011, Alexandria, Presenter(s): Vittorio Brando

Beggs, H, Majewski, L, LeBorgne, P, Harris, A, Merchant, C, Paltoglou, G; GHRSS Tropical Warm Pool Diurnal Variability Project (TWP+); 12th GHRSS Science Team Meeting, 27/06/2011 - 01/07/2011, Edinburgh, Presenter(s): Helen Beggs

Bondarenko, O, Pattiaratchi, C, Hanson, CE, Gavrilov, AS, Feng, M; The behavioural ecology of pygmy blue whales in the Perth Canyon; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Olga Bondarenko

Raes, E, McInnes, AS, Grierson, P, Strutton, P, Phillips, H, Waite, A; Nitrogen fixation in the eastern Indian Ocean; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Eric Raes

Raes, E, McInnes, AS, Strutton, P, Phillips, H, Waite, A; Dinitrogen fixation along the coast of WA and the usage of IMOS data; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Eric Raes

Brando, V; Ocean colour validation in Australian waters; Bluewater & Climate Node Science Meeting, 28/11/2012 - 29/11/2012, Hobart, Presenter(s): Vittorio Brando

King, E; National remote sensing data sets; Bluewater & Climate Node Science Meeting, 28/11/2012 - 29/11/2012, Hobart, Presenter(s): Edward King

Schroeder, T; National remote sensing data sets; QIMOS Node Meeting, 07/12/2012 - 07/12/2012, Brisbane, Presenter(s): Thomas Schroeder

Schroeder, T; Ocean colour validation in Australian waters; QIMOS Node Meeting, 07/12/2012 - 07/12/2012, Brisbane, Presenter(s): Thomas Schroeder

King, E, Brando, V; IMOS' optical remote sensing observations; BioOptical Working Group Meeting, Brisbane, Presenter(s): Edward King

Brando, V, Lovell, J, King, E, Keen, R, Daniel, P, McKenzie, D, Woodward, L, Palmer, R, Mills, D, Besnard, L, Slivkoff, M, Klonowski, W; Autonomous ship based ocean colour observations on Australian research vessels; International Ocean Colour Science Meeting, 06/05/2013 - 08/05/2013, Darmstadt, Presenter(s): Vittorio Brando

King, E, Brando, V, Clementson, L, Lovell, J, Franklin, H, Anstee, J, Besnard, L; Ocean colour in Australia's Integrated Marine Observing System; International Ocean Colour Science Meeting, 06/05/2013 - 08/05/2013, Darmstadt, Presenter(s): Edward King

Miles, E, Spillman, CM, Mcintosh, P, Church, JA; Seasonal sea-level anomaly predictions in the Western Pacific; Asia-Oceania Geosciences Society Annual Meeting, 24/06/2013 - 28/06/2013, Brisbane, Presenter(s): Claire Spillman

Watson, C, White, N, Church, JA, Beardsley, J, King, M, Coleman, R; Ongoing monitoring of absolute bias from the Australian in-situ calibration sites: Bass Strait and Storm Bay; Ocean Surface Topography Science Team (OSTST) 2013 Meeting, 08/10/2013 - 11/10/2013, Boulder, Presenter(s): Chris Watson

Clementson, L; The IMOS ocean colour sub-facility: a brief update on activities; IMOS Bio-Optical Working Group Meeting, 10/12/2013 - 10/12/2013, Hobart, Presenter(s): L Clementson

Hardman-Mountford, NJ, Clementson, L, Kelly, P, King, E, Mueller, H, Terhorst, A, Brando, V; Australian waters earth observation phytoplankton-type products; IMOS Bio-Optical Working Group Meeting, 10/12/2013 - 10/12/2013, Hobart, Presenter(s): Nick Hardman-Mountford

Steinberg, C, Brinkman, R, Babcock, R, Wild-Allen, K; Q-IMOS and eReefs update; FRDC project 2013/020 Physical Oceanographic Influences on Queensland Reef Fish and Scallops. Steering Committee Meeting, 13/12/2013 - 13/12/2013, Brisbane, Presenter(s): Craig Steinberg

Steinberg, C; Queensland Integrated Marine Observing System (Q-IMOS); FRDC project 2013/020 Physical Oceanographic Influences on Queensland Reef Fish and Scallops. Steering Committee Meeting, 13/12/2013 - 13/12/2013, Brisbane, Presenter(s): Craig Steinberg

Antoine, D; Ocean colour activities within the Australian bio-optical community; 19th IOCCG Committee Meeting , 28/01/2014 - 30/01/2014, Cape Town, Presenter(s): David Antoine

Beggs, H; GHRSSST Satellite SST Products in BLUElink - Current and Future; BLUElink III Science Meeting, 06/05/2014 - 07/05/2014, Melbourne, Presenter(s): Helen Beggs

Schroeder, T; Atmospheric correction over optically complex waters; IOCCG Working Group Meeting on Intercomparison of atmospheric algorithms over optically complex waters, 14/05/2014 - 15/05/2014, Wimereux, Presenter(s): Thomas Schroeder

Beggs, H, Barton, I, Griffin, C, Majewski, L, Smith, G, Siddique, A; Report from Australia to GHRSSST-XV; 15th GHRSSST Science Team Meeting, 02/06/2014 - 06/06/2014, Cape Town, Presenter(s): Helen Beggs

Griffin, C, Beggs, H, Majewski, L; ABoM SSES - applying in situ regressed SSES to in situ regressed SST retrievals over the Australian region; 15th GHRSSST Science Team Meeting, 02/06/2014 - 06/06/2014, Cape Town, Presenter(s): Helen Beggs

Watson, C, White, N, Church, JA, King, M, Burgette, R; Refining satellite era estimates of global mean sea level rise; Australian Geodesy Meeting, 01/07/2014 - 02/07/2014, Canberra, Presenter(s): Chris Watson

Cancel, M, Watson, C, Haines, BJ, Bonnefond, P, Jeansou, E, Lyard, F, Femenias, P; Regional Cal/Val of Jason-2 and Envisat at three calibration sites: Corsica, Harvest and Bass Strait; Ocean Surface Topography Science Team (OSTST) Meeting, 27/10/2014 - 31/10/2014, Lake Constance, Presenter(s): Mathilde Cancel

Watson, C, Haines, BJ, Bonnefond, P, White, N, Church, JA, Legresy, B, Beardsley, J; Long term absolute calibration from the Harvest, Corsica and Bass Strait sites; Ocean Surface Topography Science Team (OSTST) Meeting, 27/10/2014 - 31/10/2014, Lake Constance, Presenter(s): Chris Watson

Watson, C, White, N, Church, JA, King, M, Burgette, R; Assessing the rate of GMSL change over the satellite era; Ocean Surface Topography Science Team (OSTST) Meeting, 27/10/2014 - 31/10/2014, Lake Constance, Presenter(s): Chris Watson

Hardman-Mountford, NJ, Greenwood, J, Dufois, F, Trull, T; Sampling strategies for an Indian Ocean bio-Argo programme; Indian Ocean Resources Forum (IRF) Meeting, 31/10/2014 - 31/10/2014, Phuket, Presenter(s): Nick Hardman-Mountford

Hardman-Mountford, NJ, Greenwood, J, Dufois, F, Trull, T; Sampling strategies for an Indian Ocean bio-Argo; Bay of Bengal LME Programme Meeting, 16/03/2015 - 20/03/2015, Bangkok, Presenter(s): Nick Hardman-Mountford

Steinberg, C, Moltmann, T; Australia's Integrated Marine Observing System; Joint WMO-IOC Commission for Oceanography and Marine Meteorology DBCP PI-1, 04/05/2015 - 07/05/2015, Koror, Presenter(s): Craig Steinberg

Steinberg, C; Ocean Observing Design on Coral Reefs and Archipelagos: 3 case studies Scott Reef, Indian Ocean, Great Barrier Reef & Palau; Joint WMO-IOC Commission for Oceanography and Marine Meteorology DBCP PI-1, 04/05/2015 - 07/05/2015, Koror, Presenter(s): Craig Steinberg

Steinberg, C; Australia's Integrated Marine Observing System; GOOS Steering Committee 4, 24/05/2015 - 26/05/2015, Australian Institute of Marine Science, Townsville, Presenter(s): Craig Steinberg

Hardman-Mountford, NJ, Trull, T, Greenwood, J, Dufois, F, Slawinski, D, Ravichandran, M, et, al.; Australian and Indian bio-optical profiling float activities in the Indian Ocean; International Ocean Colour Science Meeting, 15/06/2015 - 18/06/2015, San Fransisco, Presenter(s): Nick Hardman-Mountford

Hardman-Mountford, NJ, Trull, T, Greenwood, J, Dufois, F, Slawinski, D, Ravichandran, M, et, al.; Australian and Indian bio-optical profiling float activities in the Indian Ocean; IMOS Bio-Optical Working Group Workshop, 01/07/2015 - 03/07/2015, Perth, Presenter(s): Nick Hardman-Mountford

Beggs, H, Griffin, C, Majewski, L, Sisson, J; IMOS HRPT AVHRR SST validation; 16th GHRSSST Science Team Meeting, 20/07/2015 - 24/07/2015, Noordwyk, Presenter(s): Helen Beggs

Beggs, H, Griffin, C, Majewski, L, Sisson, J; Report from the Australian RDAC to GHRSSST-XVI; 16th GHRSSST Science Team Meeting, 20/07/2015 - 24/07/2015, Noordwyk, Presenter(s): Helen Beggs

Watson, C, White, N, Church, JA, King, M, Burgette, R; Sea level rise; Surveying & Spatial Sciences Institute State Congress, 24/07/2015 - 24/07/2015, Hobart, Presenter(s): Chris Watson

Beggs, H, Griffin, C; Use of ACSPO VIIRS L3U SST in the Australian Bureau of Meteorology; Joint Polar Satellite System (JPSS) Annual Meeting, 24/08/2015 - 28/08/2015, College Park, Presenter(s): Alexander Ignatov

Steinberg, C, Williams, DK, McAllister, F, Rigby, P, Spagnol, S, Skirving, WJ, Bird, J, Brinkman, R; Queensland and Northern Australia's Integrated Marine Observing System and the tidal hydrodynamics of a coral bleaching event; Don Wallace Memorial Lecture Permanent Committee on Tides and Mean Sea Level, 02/11/2015 - 02/11/2015, Cairns, Presenter(s): Craig Steinberg

Schroeder, T; CSIROs future application plan for Himawari-8; Asia-Pacific Regional Space Agency Forum(APRSAF), Space application working group meeting, 01/12/2015 - 01/12/2015, Bali, Presenter(s): Thomas Schroeder

Schroeder, T; Updates from the IMOS ocean colour sub-facility and the ANMN bio-optics project; QC Summit, 07/03/2016 - 11/06/2016, Hobart, Presenter(s): Thomas Schroeder

Beggs, H, Griffin, C, Sisson, J, Govekar, P; IMOS AVHRR SST on-line validation; 17th GHRSSST Science Team Meeting, 06/06/2016 - 10/06/2016, Washington DC, Presenter(s): Helen Beggs

Griffin, C; Harmonized quality assessments using GHRSSST SSES; 17th GHRSSST Science Team Meeting, 06/06/2016 - 10/06/2016, Washington DC, Presenter(s): Christopher Griffin

Schroeder, T; Preliminary user feedback on sentinel-3A data, L1 data quality and L2 validation in Australia; Sentinel-3A expert users meeting, 28/06/2016 - 30/06/2016, Frascati, Presenter(s): Thomas Schroeder

Beggs, H, Griffin, C, Govekar, P; Use of ACSPO VIIRS L3U SST in the Australian Bureau of Meteorology; STAR JPSS 2016 Annual Science Team Meeting, 08/08/2016 - 12/08/2016, Maryland, Presenter(s): Helen Beggs

Cancet, M, Bonnefond, P, Haines, BJ, et, al.; Regional in situ Cal/Val of satellite altimeter range at non-dedicated calibration sites; Ocean Surface Topography Science Team (OSTST) Meeting, 31/10/2016 - 04/11/2016, La Rochelle, Presenter(s): Mathilde Cancet

Watson, C, Legresy, B, Church, JA, King, M, Santamaria-Gomez, A; Validating the altimeter sea level record using tide gauges and estimates of land motion; Ocean Surface Topography Science Team (OSTST) Meeting, 31/10/2016 - 04/11/2016, La Rochelle, Presenter(s): Chris Watson

Watson, C, Legresy, B, King, M, Church, JA, Beardsley, J, Hetzel, Y; Altimeter absolute bias estimates from Bass Strait, Australia; Ocean Surface Topography Science Team (OSTST) Meeting, 31/10/2016 - 04/11/2016, La Rochelle, Presenter(s): Chris Watson

Malthus, T, Thankappan, M, Schroeder, T, Mitchell, R; Australian contributions to the Sentinel-2 Cal/Val effort; 1st Sentinel-2 Validation Team Meeting, 28/11/2016 - 29/11/2016, Frascati, Presenter(s): Tim Malthus

Hardman-Mountford, NJ; Australian ocean colour activities; IOCCG-22 Committee Meeting, 07/02/2017 - 09/02/2017, Perth, Presenter(s): Nick Hardman-Mountford

Jamet, C; Status report of IOCCG working groups, atmospheric correction in coastal waters; IOCCG-22 Committee Meeting, 07/02/2017 - 09/02/2017, Perth, Presenter(s): Cedric Jamet

Lerebourg, C; Ocean colour validation using MERMAID and Level-3 inter-comparisons; Sentinel-3 Validation Team Meeting, 14/02/2017 - 17/02/2017, Frascati, Presenter(s): C Lerebourg

Schroeder, T; Evaluation of Sentinel-3 OLCI level 2 products in Australian waters; Sentinel-3 Validation Team Meeting, 14/02/2017 - 17/02/2017, Frascati, Presenter(s): Thomas Schroeder

Jones, EM, Baird, ME, Mongin, M, et, al.; Use of remote-sensing reflectance to constrain a data assimilating marine biogeochemical model of the Great Barrier Reef; ASLO 2017 Aquatic Sciences Meeting, 26/02/2017 - 03/03/2017, Honolulu, Presenter(s): Emlyn Jones

Beggs, H, Govekar, P, Griffin, C, Majewski, L; Plans for new Himawari-8 and VIIRS SST Products from IMOS; Bluelink Science Meeting, 16/05/2017 - 17/05/2017, Melbourne, Presenter(s): Helen Beggs

Beggs, H, Sisson, J; IMOS Ship SST for Satellite SST Validation; 18th GHRSSST Science Team Meeting, 05/06/2017 - 09/06/2017, Qingdao, Presenter(s): Helen Beggs

Govekar, P, Griffin, C, Beggs, H, Majewski, L; Use of ACSPO VIIRS L3U SSTs in the Australian Bureau of Meteorology; 18th GHRSSST Science Team Meeting, 05/06/2017 - 09/06/2017, Qingdao, Presenter(s): Pallavi Govekar

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Zhang, H, Beggs, H, Wang, XH, Rodriguez, J, et, al.; Comparison of SST Diurnal Variation Models over the Tropical Warm Pool; 18th GHRSSST Science Team Meeting, 05/06/2017 - 09/06/2017, Qingdao, Presenter(s): Haifeng Zhang

Steinberg, C, Tonin, H, Herzfeld, M, et, al.; A Torres Strait and Northern Great Barrier Reef Persistent Thermal Refugia from Mass Coral Bleaching; 98th Annual Meeting American Association for the Advancement of Science Pacific Division, 19/06/2017 - 23/06/2017, Waimea, Presenter(s): Craig Steinberg

Wijffels, S, Beggs, H, Griffin, C, Middleton, J, Cahill, M, King, E, Jones, EM, Feng, M, Benthuisen, J, Steinberg, C, Sutton, P; An unexpected journey – resulting in a new high resolution SST Atlas for the Australian Regional Seas (SSTAARS1.0); Climate and Fluid Physics Seminar Series, 20/06/2017 - 20/06/2017, Canberra, Presenter(s): Susan Wijffels

Beggs, H, Govekar, P, Griffin, C, Majewski, L; Use of ACSPO VIIRS L3U SST in the Australian Bureau of Meteorology; STAR JPSS 2017 Annual Science Team Meeting, 14/08/2017 - 18/08/2017, College Park, Presenter(s): Helen Beggs

Watson, C, Legresy, B, King, M, Deane, A, Riddell, A, Hextall, W; Updated altimeter absolute bias results from Bass Strait, Australia; Ocean Surface Topography Science Team Meeting, 23/10/2017 - 27/10/2017, Miami, Presenter(s): Chris Watson

Moltmann, T; IMOS observations for coasts and extremes (Meeting Nov 2014); CAWCR, Melbourne, Presenter(s): Tim Moltmann

### **Plenary Address**

Malthus, T, Dekker, AG, Held, A; CSIRO agency report; 37th CEOS Working Group on Calibration and Validation Plenary, 17/02/2014 - 20/02/2014, Frascati, Presenter(s): Tim Malthus

Malthus, T; CSIRO agency report; 38th CEOS Working Group on Calibration and Validation Plenary, 30/09/2014 - 02/10/2014, Maryland, Presenter(s): Tim Malthus

Watson, C, Chen, X, Zhang, X, Church, JA, King, M, Monselesan, D, Legresy, B, Harig, C, Royston, S; Further understanding the global mean sea level record over the satellite era; Ocean Surface Topography Science Team Meeting, 23/10/2017 - 27/10/2017, Miami, Presenter(s): Chris Watson

### **Session Chair**

Trebaul, J-P; Satellite altimetry Cal/Val at the Australian Bass Strait site in the context of the new missions Jason-3 and Sentinel-3; CSIRO Public Seminar, 16/07/2015 - 16/07/2015, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): J-P Trebaul

### **Symposium Presentation**

Paltoglou, G, Majewski, L, Beggs, H; New Australian high resolution AVHRR SST Products from the Integrated Marine Observing System; 34th International Symposium on Remote Sensing of the Environment, 11/04/2011 - 15/04/2011, Sydney, Presenter(s): George Paltoglou

Clementson, L, Schroeder, T, Cherukuru, N, Brando, V, Daniel, P, Dekker, AG; Bio-optical parameters measured in southern Tasmanian waters: their importance in the accurate satellite retrieval of estimates of phytoplankton biomass in this region; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): L Clementson

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King, E, Clementson, L, Brando, V, Besnard, L, Blondeau-Patissier, D, Anstee, J, Wilkes, L; New Remote Sensing Products with national Coverage from IMOS; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): L Clementson

Oke, PR, Griffin, DA, Schiller, A, Matear, R, Fiedler, R, Mansbridge, JV, Cahill, M, Chamberlin, M, Ridgway, K; A comparison of eddies in western boundary current regions; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Peter Oke

Redondo-Rodriguez, A, Steinberg, C, Weeks, S; Variability of the surface South Equatorial Current bifurcation against the east Coast of Australian and its relationships with the boundary currents; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ana Redondo-Rodriguez

Leahy, SM, Kingsford, MJ, Steinberg, C; Do clouds save the Great Barrier Reef?; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns

Spillman, CM, Heron, SF, Steinberg, C, Garde, L, Mahoney, M, Maynard, J, Skirving, WJ, Burgess, T, Eakin, M; Next-generation high-resolution thermal stress monitoring for the Great Barrier Reef; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns

Beggs, H, Griffin, C, Majewski, L, Siddique, A; Twenty one years of 1km resolution AVHRR Sea Surface Temperature data over the Antarctic region; IGS 2014 International Symposium on Sea Ice in a Changing Environment, 09/03/2014 - 14/03/2014, Hobart, Presenter(s): Helen Beggs

Beggs, H, Griffin, C, Majewski, L, King, E, Sisson, J; A multi-decadal, coastal sea surface temperature product for Australia - why we need it; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Helen Beggs

Dufois, F, Hardman-Mountford, NJ, Greenwood, J, Richardson, A, Feng, M, Herbette, S, Matear, R; Impact of eddies on surface chlorophyll in the south Indian Ocean; International Symposium on the Indian Ocean (IIOE-2), 30/11/2015 - 04/12/2015, Goa, Presenter(s): Francois Dufois

Raes, E, Bodrossy, L, Van De Kamp, J, Holmes, N, Hardman-Mountford, NJ, Thompson, P, McInnes, AS, Waite, A; Nitrogen loss genes in the photic zone; International Symposium on the Indian Ocean (IIOE-2), 30/11/2015 - 04/12/2015, Goa, Presenter(s): Eric Raes

Lara-Lopez, A; IMOS role in satellite oceanography; NCRIS Greater impact through environmental infrastructure symposium, 16/05/2017 - 18/05/2017, Canberra, Presenter(s): Ana Lara-Lopez

Malthus, T, Thankappan, M, Schroeder, T; Australian calibration/validation efforts; NCRIS Greater impact through environmental infrastructure symposium, 16/05/2017 - 18/05/2017, Canberra, Presenter(s): Tim Malthus

## **Workshop Presentation**

Steinberg, C; Climate change in the Australian marine environment; Climate Change Simulations Workshop - Simulations for CMIP5 (IPCC AR5) and the data requirements for Queensland and the wet tropical regions, 20/07/2009 - 21/07/2009, Port Douglas, Presenter(s): Craig Steinberg

King, E; The Australian Oceans DAAC - distributed gridded data delivery for marine research; IMOS Collaboration Workshop, 19/08/2009 - 19/08/2009, Hobart, Presenter(s): Edward King

Dekker, AG; Earth observation for marine aquatic ecosystems in Australia, overview of current and near future capabilities; India-Australia Workshop on Remote Sensing of Marine Ecosystems, 18/03/2010 - 19/03/2010, Ahmedabad, Presenter(s): A

Dekker

Schroeder, T, Brando, V, Cherukuru, N, Park, Y-J, Clementson, L, Blondeau-Patissier, D, Dekker, AG, Steven, A; CSIRO's new remote sensing algorithms for quality assessment in optically complex waters; Indian-Australian Ocean Colour Workshop, 18/03/2010 - 19/03/2010, Ahmedabad, Presenter(s): Thomas Schroeder

King, E; IMOS Satellite Remote Sensing; Optical Remote Sensing Workshop, AMSA, 08/07/2010 - 08/07/2010, Woolongong, Presenter(s): Edward King

King, E; IMOS Satellite Remote Sensing; CSIRO Earth Observation Workshop, 31/08/2010 - 31/08/2010, Canberra, Presenter(s): Edward King

Brando, V; Past, current and planned activities in Ocean Colour Cal/Val in Australia; IOCCG Ocean Colour Radiometry-Virtual Constellation (OCR-VC) Workshop, 21/10/2010 - 21/10/2010, Ispra, Presenter(s): Vittorio Brando

Watson, C, White, N, Church, JA, Burgette, R, Tregoning, P, Coleman, R; Absolute calibration in Bass Strait, Australia: methods applied and lessons learnt; Deformation Monitoring & Satellite Altimetry Workshop GNSS, 20/01/2011 - 21/01/2011, Chania

Brando, V; Overview of the AERONET-OC LICO site; AERONET-OC: 1st Workshop Overview and Future Developments, 23/02/2011 - 24/02/2011, Greenbelt, Presenter(s): Vittorio Brando

Beggs, H, Majewski, L, LeBorgne, P, Harris, A, Merchant, C, Paltoglou, G; GHRSSST Tropical Warm Pool Diurnal Variability Project (TWP+); 6th GHRSSST Diurnal Variability Working Group Workshop, 28/02/2011 - 28/02/2011, Boulder, Presenter(s): Helen Beggs

Beggs, H, Verein, R, Paltoglou, G, Thomas, A; Using IMOS Ship SST Observations for Validation of Satellite SST Observations; GHRSSST SST Validation Working Group Workshop, 01/03/2011 - 01/03/2011, Boulder, Presenter(s): Helen Beggs

Paltoglou, G, Majewski, L, Beggs, H; New Australian SST Products from the Australian Bureau Of Meteorology and the Integrated Marine Observing System; GHRSSST SST Validation Working Group Workshop, 01/03/2011 - 01/03/2011, Boulder

Beggs, H; Use and requirements for XBT surface temperature observations by the Group for High Resolution SST (GHRSSST); XBT Science Workshop, 07/07/2011 - 08/07/2011, Melbourne, Presenter(s): Helen Beggs

Watson, C, White, N, Church, JA, Burgette, R, Tregoning, P, Coleman, R; IMOS Sub-Facility 11e Satellite Altimeter Calibration and Validation; Workshop of the National Satellite Calibration Working Group, 03/11/2011 - 03/11/2011, Commonwealth Scientific Industrial Research Organisation, Canberra, Presenter(s): Chris Watson

Beggs, H, Paltoglou, G, Verein, R; Ship SST data for satellite SST and ocean model validation below 40°S; GHRSSST Joint Workshop on Tropical Warm Pool and High Latitude SST Issues, 05/03/2012 - 09/03/2012, Melbourne

Watson, C, White, N, Church, JA, Burgette, R, Tregoning, P, Coleman, R; Possible Australian Contributions: Sentinel-3 SSH Calibration and Validation, Global Monitoring for Environment and Securing (GMES); Sentinel-3 Calibration and Validation Planning Workshop, 20/03/2012 - 22/03/2012, Frascati, Presenter(s): A Dekker

Pattiaratchi, C; The role of coastal engineering and oceanography on the environment and infrastructure; Environment and Infrastructure Workshop, 12/06/2012 - 12/06/2012, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Modelling mesoscale dynamics along western and southern Australian shelf and slopes: a ROMS modelling approach; ROMS/TOMS Workshop, 24/10/2012 - 24/10/2012, Rio de Janeiro, Presenter(s): Charitha Pattiaratchi

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Garde, L, Spillman, CM, Alves, O; ReefTemp Next Generation: A Scientific Overview; eReefs Dashboard Users Workshop, 30/10/2012 - 30/10/2012, Townsville, Presenter(s): Luke Garde

Pattiaratchi, C; Peddies: what, where, why?; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Charitha Pattiaratchi

King, E; National remote sensing data set production and access; Bluewater & Climate Node Science Meeting, 28/11/2012 - 29/11/2012, Hobart, Presenter(s): Edward King

King, E, Brando, V; IMOS optical remote sensing observations; BioOptical Working Group Meeting, Brisbane, Presenter(s): Edward King

White, N, Church, JA, Watson, C; Satellite altimeter calibration; Earth Observation and Informatics Transformational Capability Workshop, 01/03/2013 - 01/03/2013, Sydney, Presenter(s): Neil White

Munoz Mas, C, Steinberg, C, McAllister, F, Rigby, P, Tonin, H, Herzfeld, M; Q-IMOS monitoring and eReefs modelling: a partnership to monitor the oceanography and water quality of the Great Barrier Reef; Australian Coral Reef Society Workshop, 28/08/2013 - 30/08/2013, Sydney, Presenter(s): C Munoz Mas

Hardman-Mountford, NJ, Clementson, L, Kelly, P, King, E, Mueller, H, Terhorst, A, Brando, V; Australian Waters Earth Observation Phytoplankton-type products; CSIRO Earth Observation Workshop, 24/09/2013 - 25/09/2013, Canberra, Presenter(s): Nick Hardman-Mountford

Raes, E, McInnes, AS, Olsen, A, Hardman-Mountford, NJ, Thompson, P, Waite, A; N<sub>2</sub> fixation and the diazotrophic community in the eastern Indian Ocean; The 11th Annual Marine Science Student Workshop of the Australian Marine Science Association, 26/06/2014 - 27/06/2014, Rottneest Island, Presenter(s): Eric Raes

Schroeder, T; Ocean colour remote sensing from geo-stationary orbit: potential applications for AHI on Himawari-8; Joint Japan-Australia Workshop, 28/11/2014 - 28/11/2014, Tokyo, Presenter(s): Thomas Schroeder

Legresy, B, Church, JA, White, N, Monselesan, D, Slangen, A; Sensitivity of sea-level rise reconstruction from tide gauges; Workshop on Global and Regional Sea Level Variability and Change, 10/06/2015 - 12/06/2015, Majorca, Presenter(s): Benoit Legresy

van Dongen-Vogels, V, Doblin, MA; Outcomes and lessons from the CSIRO coastal and marine biogeochemical carbon cluster; IMOS Bio-Optical Working Group Workshop, 01/07/2015 - 03/07/2015, Perth, Presenter(s): Virginie van Dongen-Vogels

Hardman-Mountford, NJ, Hirata, T, Brewin, R, Aiken, J, King, E, Clementson, L; The global view of marine phytoplankton from ocean colour satellites; Biomass Size Spectra Workshop, 14/08/2015 - 14/08/2015, Hobart, Presenter(s): Nick Hardman-Mountford

Schroeder, T; Coastal applications and IMOS validation support from Himawari-8; Japan-Australia Workshop on non-meteorological applications from geo-stationary satellite data, 25/08/2015 - 26/08/2015, Brisbane, Presenter(s): Thomas Schroeder

Beggs, H, Griffin, C, Majewski, L, Sisson, J, King, E, Kruger, G, Siddique, A, Freeman, J; New IMOS-GHRSST Sea Surface Temperature products suitable for near-coastal applications; CAWCR Seminar, Bureau of Meteorology, 21/09/2015 - 21/09/2015, Melbourne, Presenter(s): Helen Beggs

Zhang, H, Beggs, H, Majewski, L, Wang, XH, Kiss, A; Investigating sea surface temperature diurnal variation over the tropical warm pool using MTSAT-1R data; Centre for Australian Weather and Climate Research (CAWCR) Annual Workshop, 19/10/2015 - 22/10/2015, Bureau of Meteorology, Melbourne, Presenter(s): Haifeng Zhang

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Beggs, H, Majewski, L, Griffin, C, Zhong, A, Qi, L; Australian GHRSSST products and verification; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Helen Beggs

Beggs, H; Which SST product should I use?; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Helen Beggs

Besnard, L; Extracting and sub-setting SRS datasets from the IMOS Ocean Portal; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Laurent Besnard

Besnard, L; Hands on demonstration of useful ocean satellite data manipulation tools/portals; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Laurent Besnard

Hardman-Mountford, NJ, Hirata, T, Brewin, R, Aiken, J, King, E, Clementson, L; The global view of marine phytoplankton from ocean colour satellites; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Nick Hardman-Mountford

Keating, S; Upper ocean statistics from super-resolved sea-surface temperature imagery; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Shane Keating

King, E, Schroeder, T; IMOS ocean colour products; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Edward King

Zhang, H, Beggs, H, Majewski, L, Wang, XH, Kiss, A, Griffin, C; Investigating SST diurnal variation over the tropical warm pool using IMOS-GHRSSST products; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Haifeng Zhang

Zhu, X, Minnett, P, Berkelmans, R, Beggs, H, Majewski, L, Kruger, G; Testing satellite SST capability to capture thermal features and diurnal warming on the Great Barrier Reef; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Xiaofang Zhu

Jamet, C; Evaluation of atmospheric correction over complex turbid waters; European Space Agency Colour and Light in the Ocean from EO Workshop, 06/09/2016 - 06/09/2016, Frascati, Presenter(s): Cedric Jamet

Steinberg, C; ARGOS reception (and use) by the IMOS Satellite Reception Facility in Townsville; ARGOS Users Workshop, 08/09/2016 - 08/09/2016, Hobart, Presenter(s): Craig Steinberg

Baird, ME, Mongin, M, Skerratt, J, Wild-Allen, K, et, al.; eReefs marine modelling: an inter-governmental agency collaboration providing management-relevant estimates of ocean state and the impact of river loads; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Mark Baird

Brassington, GB, Tuteja, N, Stuart, G, Treleaven, J; eReefs: an integrated catchment and coastal forecasting system for the Great Barrier Reef; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Gary Brassington

Cetina-Heredia, P, Roughan, M, Liggins, G, Jeffs, A, Coleman, M; Developing models to predict East Rock lobster larval dispersal along NSW; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Paulina Cetina-Heredia

Feng, M, Zhang, N, Zinke, J; Climate drivers of marine heatwaves in the southeast Indian Ocean; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Ming Feng

Janekovic, I, Pattiaratchi, C, et, al.; Predicting the ocean and continental shelf dynamics off southeastern and central Western Australia using advanced ROMS capabilities; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Ivica Janekovic

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Middleton, J, Griffin, DA, Luick, J, Herzfeld, M; Hydrodynamic modelling of the circulation in the Great Australian Bight; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): John Middleton

Oliver, ECJ, Lago, V, Hobday, A, Holbrook, N, Ling, S, Mundy, C; Identifying historical marine heatwaves off eastern Tasmania with a regional ocean model; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Eric Oliver

Roughan, M, Kerry, C, Rao, S, et, al.; Modelling and observing the East Australian Current system and its impacts on shelf circulation, Lagrangian transport and biogeochemistry; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Moninya Roughan

Spillman, CM, Steinberg, C, Benthuyzen, J, et, al.; Monitoring and modelling this summer's extreme temperatures on the GBR leading to a mass coral bleaching event on the Great Barrier Reef; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Claire Spillman

Antoine, D, Schroeder, T, Botha, N, Cherukuru, N, Dekker, AG, Doblin, MA, Fearn, PRCS, Hardman-Mountford, NJ, Johnson, R, King, E, et, al.; The Australian Integrated Marine Observing System (IMOS) radiometry task team: a community effort towards improved field ocean colour measurement; ESA workshop on options for future European satellite OCR vicarious adjustment infrastructure for the Sentinel-3 OLCI and Sentinel-2 MSI series, 21/02/2017 - 23/02/2017, Frascati, Presenter(s): David Antoine

Antoine, D, Schroeder, T, et, al.; Update on the Radiometry Task Team; ESA workshop on options for future European satellite OCR vicarious adjustment infrastructure for the Sentinel-3 OLCI and Sentinel-2 MSI series, 21/02/2017 - 23/02/2017, Frascati, Presenter(s): David Antoine

Beggs, H, et, al.; Bureau of Meteorology SST Products - what we have now and what we need; BoM-NOAA SST Workshop, 18/04/2017 - 21/04/2017, Melbourne, Presenter(s): Helen Beggs

Govekar, P, Griffin, C, Beggs, H, Majewski, L; Use of ACSPO VIIRS L3U SST in the Australian Bureau of Meteorology; BoM-NOAA SST Workshop, 18/04/2017 - 21/04/2017, Melbourne, Presenter(s): Pallavi Govekar

Griffin, C; BoM SSES in BoM SST Products; BoM-NOAA SST Workshop, 18/04/2017 - 21/04/2017, Melbourne, Presenter(s): Christopher Griffin

Watson, C, Chen, X, Zhang, X, Church, JA, King, M, Monselesan, D, Legresy, B; The increasing rate of global mean sea level rise over the satellite era; Australian Geodesy Workshop, 28/06/2017 - 29/06/2017, Canberra, Presenter(s): Chris Watson

**Type Count**

**368**

## IMOS Office

### Conference Oral Presentation

Moltmann, T, Proctor, R; The Integrated Marine Observing System: observations to support research and applications in the coastal zone; Coast to Coast Conference, 17/09/2012 - 21/09/2012, Brisbane, Presenter(s): Roger Proctor

Moltmann, T; Australia's Integrated Marine Observing System and Ocean Data Network; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Tim Moltmann

Lara-Lopez, A, Proctor, R, Moltmann, T; Australia's Integrated Marine Observing System: infrastructure for monitoring the state of our oceans; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s):

Ana Lara-Lopez

Moltmann, T; Sustained observations for many users - a perspective from Australia's Integrated Marine Observing System (IMOS); Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Tim Moltmann

Lara-Lopez, A; IMOS Observations for coasts and extremes; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Ana Lara-Lopez

Moltmann, T, Kelly-Gerreyn, B, Llewellyn, L, Lewis, A; Observing systems - research and operational; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Tim Moltmann

Moltmann, T; Australia's Integrated Marine Observing System (IMOS) - a decade of Indian Ocean observing; International Symposium on the Indian Ocean (IIOE-2), 30/11/2015 - 04/12/2015, Goa, Presenter(s): Tim Moltmann

Moltmann, T, Proctor, R; Sustained ecological observing, how hard can it be?; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Tim Moltmann

Lara-Lopez, A, Moltmann, T, Proctor, R; Sustained biological and ecosystem ocean observing: how are we approaching it and why is it important?; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Ana Lara-Lopez

Lara-Lopez, A; Australia's Integrated Marine Observing System (IMOS): helping to understand ocean acidification; 9th Annual NZOA Workshop, 08/07/2016 - 08/07/2016, Wellington, Presenter(s): Ana Lara-Lopez

Proctor, R, Moltmann, T, Lara-Lopez, A; Australia's Integrated Marine Observing System: infrastructure for monitoring the state of our oceans - strengths and opportunities; 13th Annual Meeting, Asia Oceania Geosciences Society (AOGS), 31/07/2016 - 05/08/2016, Beijing, Presenter(s): Roger Proctor

Lara-Lopez, A; Long-term observing systems: what is on offer in Australia and can it improve my science?; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Ana Lara-Lopez

D'Adamo, N, Pattiaratchi, C, Moltmann, T; Contemporary technologies for ocean observations under the Global Ocean Observing System framework – with relevancy to the Persian Gulf and Gulf of Oman; 18th Iranian Marine Industries Conference, 18/10/2016 - 21/10/2016, Kish Island

Puotinen, M; In which of Australia's north and northwest region CMRs and KEFs are 13 key biotic taxa likely the most widespread?; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Marji Puotinen

### Conference Poster

Moltmann, T, Hill, K; Australia's Integrated Marine Observing System - Monitoring major boundary currents and inter-basin flows; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Hill, K, Moltmann, T, Wiltshire, M; The Integrated Marine Observing System (IMOS): Taking an integrated approach to monitoring marine ecosystem responses; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart

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Moltmann, T, Hill, K, Wiltshire, M; The Integrated Marine Observing System (IMOS): Taking an integrated approach to monitoring boundary currents; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart

Moltmann, T, Proctor, R, Donoghue, S; Australia's Integrated Marine Observing System: the model-observation loop; GODAE OceanView Symposium 2013, 04/11/2013 - 06/11/2013, Baltimore, Presenter(s): Tim Moltmann

Moltmann, T, Proctor, R, Donoghue, S; Integrated Marine Observing System: observations to support research and applications in the coastal zone; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Tim Moltmann

Lara-Lopez, A, Moltmann, T; IMOS observations for operational oceanography; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Ana Lara-Lopez

Moltmann, T; Integrated Marine Observing System: observing Australia's ocean estate need, capability, impact. Part A; eResearch Australasia, 19/10/2015 - 23/10/2015, Brisbane, Presenter(s): Peter Blain, Sebastien Mancini

Moltmann, T; Integrated Marine Observing System: observing Australia's ocean estate need, capability, impact. Part B; eResearch Australasia, 19/10/2015 - 23/10/2015, Brisbane, Presenter(s): Peter Blain, Sebastien Mancini

### **Course Presentation**

Galibert, G; Introduction to IMOS and AODN; Topics in Australian Marine Science (TAMS) Workshop, 02/03/2017 - 02/03/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Guillaume Galibert

Lara-Lopez, A; Marine Observing Systems; Lecture for Master Students - University of Tasmania, 14/03/2017 - 14/03/2017, University of Tasmania, Hobart, Presenter(s): Ana Lara-Lopez

### **Key Note Speaker**

Moltmann, T; Australia's Integrated Marine Observing System (IMOS) ; 3rd Brazilian Workshop on Climate Change in Coastal Zones of the Coastal Benthic Habitats Monitoring Network, 10/12/2013 - 12/12/2013, Florianopolis, Presenter(s): Tim Moltmann

Moltmann, T; From observation to impact - an Australian perspective on development of the blue economy; Oceanology International, 15/03/2016 - 17/03/2016, London, Presenter(s): Tim Moltmann

### **Meeting Presentation**

Hill, K; Development of IMOS Science Plans; WAIMOS Science & Data Uptake Workshop, 25/02/2011 - 25/02/2011, University of Western Australia, Perth, Presenter(s): Katy Hill

Proctor, R; Australia's Integrated Marine Observing System: infrastructure for monitoring the state of our oceans - strengths and opportunities; British Oceanographic Data Centre, 17/10/2016 - 17/10/2016, Liverpool, Presenter(s): Roger Proctor

### **Symposium Presentation**

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Gunn, J; Observing systems for ocean biology and marine ecosystems: evolving from process/experimental observations to sustained global observing; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): John Gunn

Hill, K, Proctor, R, Moltmann, T, Blain, P, Mancini, S; Oceans of data : the Integrated Marine Observing System and the Australian Ocean Data Network; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Katy Hill

Proctor, R, Moltmann, T; IMOS- Contributing to building Australia's marine biodiversity atlas; Atlas of Living Australia ALA Science Symposium, 12/06/2013 - 13/06/2013, Canberra, Presenter(s): Roger Proctor

Bahurel, P, Moltmann, T, Aikman, F; Current status of development of ocean environmental services; GODAE OceanView Symposium 2013, 04/11/2013 - 06/11/2013, Baltimore, Presenter(s): Pierre Bahurel

Moltmann, T, Llewellyn, L, Exon, N, Turner, I; Infrastructure Theme 8; National Marine Science Symposium, 25/11/2014 - 26/11/2014, Canberra, Presenter(s): Tim Moltmann

Lara-Lopez, A; International Impact: a perspective from Australia's Integrated Marine Observing System; NCRIS Greater impact through environmental infrastructure symposium, 16/05/2017 - 18/05/2017, Canberra, Presenter(s): Ana Lara-Lopez

Moltmann, T; Marine environmental information in Australia – how has NCRIS made a difference?; NCRIS Greater impact through environmental infrastructure symposium, 16/05/2017 - 18/05/2017, Canberra, Presenter(s): Tim Moltmann

## **Webinar**

Moltmann, T; Australia's Integrated Marine Observing System as a contribution to GOOS; GOOS Webinar, 19/08/2015 - 19/08/2015, Hobart, Presenter(s): Tim Moltmann

## **Workshop Presentation**

Hoenner, X; Introduction to IMOS; 10th Advanced Phytoplankton Course: Taxonomy and Systematics, 12/11/2012 - 30/11/2012, Copenhagen, Presenter(s): Xavier Hoenner

Moltmann, T; Sensor systems for marine biosecurity - perspectives from Australia's Integrated Marine Observing System; CSIRO Marine Biosecurity Workshop, 30/07/2013 - 31/07/2013, Hobart, Presenter(s): Tim Moltmann

Tyler, J; Australia's Integrated Marine Observing System; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Jess Tyler

Moltmann, T; Integrated marine observing and data management; Practical steps to implementation of integrated marine management, 13/04/2015 - 15/04/2015, South Australian Research and Development Institute, Adelaide, Presenter(s): Tim Moltmann

Moltmann, T, Gunn, J, Flynn, J, Schiller, A, Proctor, R, Oke, PR, Roughan, M, Jones, EM; A national ocean modelling system for Australia - what could it look like?; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Tim Moltmann

Lara-Lopez, A, Moltmann, T; HABs research as a focus for IMOS; Alliance for Coastal Technologies Workshop: "SENSORS FOR MONITORING OF HARMFUL ALGAE, CYANOBACTERIA AND THEIR TOXINS – Current Status and Integration Into Observing Systems", 30/01/2017 - 30/01/2017, Moss Landing, Presenter(s): Ana Lara-Lopez

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## OceanCurrent

### Conference Oral Presentation

Griffin, DA, Cahill, M; Leeuwin Current Eddies: altimetry. HF radar and SST imagery; 6th Coastal Altimetry workshop, 20/09/2012 - 21/09/2012, Riva del garda, Presenter(s): David Griffin

Griffin, DA, Cahill, M; Oceancurrent.imos.org.au and Australia's Integrated Marine Observing System; GODAE - OceanView 20 Years of Progress in Radar Altimetry Symposium, 24/09/2012 - 29/09/2012, Venice, Presenter(s): David Griffin

Griffin, DA, Cahill, M; Assessment of CryoSat sea level anomaly using HF radar and SST imagery; Ocean Surface Topography Science Team Meeting, 27/09/2012 - 28/09/2012, Venice, Presenter(s): David Griffin

Raes, E, McInnes, AS, Strutton, P, Phillips, H, Waite, A; Dinitrogen fixation in the Eastern Indian Ocean and the usage of IMOS data; Bluewater & Climate Node Science Meeting, 28/11/2012 - 29/11/2012, Hobart, Presenter(s): Eric Raes

Griffin, DA, Cahill, M; IMOS Ocean Current: monitoring Australia's ocean currents on a daily basis, for all to see; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): David Griffin

Griffin, DA; Highlights of the IMOS observations of ocean currents; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): David Griffin

Schaeffer, A; Can we quantify the transport and frequency of bottom water uplift driven by the East Australian Current?; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Amandine Schaeffer

Mantovanelli, A, Roughan, M, Keating, S, Wyatt, LR, Schaeffer, A; Has the importance of submesoscale fronts been undervalued in coastal areas bordered by the East Australian Current?; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Alessandra Mantovanelli

Schaeffer, A, Roughan, M, Wood, JE; Quantifying Ekman transport and bottom water uplift by a western boundary current: in-situ observations on the Australian continental shelf; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Amandine Schaeffer

Griffin, DA, Cahill, M; Coastal Altimetry 101; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): David Griffin

Griffin, DA, Cahill, M; IMOS OceanCurrent - bringing ocean observations to users ; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): David Griffin

Jennings, S, Beckley, L; Oceanographic synopsis of the Southern Bluefin Tuna spawning ground in the Eastern Indian Ocean; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Shona Jennings

Potter, A, Lewis, A; Geoscience Australia's support in the search for Malaysia airlines flight MH370; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Adam Lewis

Wellington, M, Beckley, L, Olivar, P; Macro-zooplankton availability for foraging seabirds and the influence of meso-scale oceanographic features; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Max Wellington

Brushett, B, Griffin, DA; Operational drift forecast modelling in support of the AMSA search for Malaysian Airlines MH370; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): David Griffin

Roughan, M, Keating, S, Schaeffer, A, Cetina-Heredia, P; An observational study of the biophysical characteristics of two contrasting cyclonic eddies in the East Australian Current system; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Moninya Roughan

Spencer, D, Brown, IW, Lemkert, C, Lee, SY; Could upwelling be enhancing short-term spanner crab (*Ranina ranina*) catchability?; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): David Spencer

Steinberg, C, Benthuisen, J, Herzfeld, M, Tonin, H, et, al.; Responding to the 2016 mass coral bleaching event on the Great Barrier Reef: from observations to modelling; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Craig Steinberg

Cahill, M; IMOS OceanCurrent web site; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Madeleine Cahill

Miskiewic, AG; Comparison of fish larvae communities in a young versus an old frontal eddy of the East Australian Current in relation to possible source waters; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart

Cahill, M; What's new on OceanCurrent?: Seal CTD's and SST Percentiles; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Madeleine Cahill

Griffin, DA; Ocean surface currents and the search for MH370; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): David Griffin

Cahill, M; Identifying extreme events in Australian waters using high-resolution SST; AMOS/MSNZ Conference and ANZ Climate Forum 2017, 07/02/2017 - 10/02/2017, Canberra, Presenter(s): Madeleine Cahill

Griffin, DA; Ocean surface currents and the search for MH370; ASLO 2017 Aquatic Sciences Meeting, 26/02/2017 - 03/03/2017, Honolulu, Presenter(s): David Griffin

Grammer, G; Fish ear bones record the bomb radiocarbon decline in an upwelling area off southern Australia; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Gretchen Grammer

## Conference Poster

Schaeffer, A, Roughan, M; Topics in Australian marine science: introducing MSc students to regional oceanography using NSW-IMOS data; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Amandine Schaeffer

Kerry, C, Roughan, M, Powell, B; A high resolution re-analysis for the East Australian Current; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Schaeffer, A, Roughan, M; Marine Virtual Laboratory (MARVL) high-resolution ROMS test: the East Australian Current at 30 degrees South in Solitary Island Marine Park (SIMP) ; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Cahill, M, Griffin, DA; IMOS OceanCurrent gridded sea level and ocean surface velocity; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Madeleine Cahill

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Cahill, M, Griffin, DA; IMOS OceanCurrent web site; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Madeleine Cahill

Cancet, M, Griffin, DA, Lyard, F, et, al.; Assessment of the FES2014 tidal current atlas around Australia; Ocean Surface Topography Science Team (OSTST) Meeting, 31/10/2016 - 04/11/2016, La Rochelle, Presenter(s): Mathilde Cancet

### **Key Note Speaker**

Griffin, DA; Extreme oceanic events; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): David Griffin

### **Meeting Presentation**

Raes, E, McInnes, AS, Grierson, P, Strutton, P, Phillips, H, Waite, A; Nitrogen fixation in the eastern Indian Ocean; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Eric Raes

Raes, E, McInnes, AS, Strutton, P, Phillips, H, Waite, A; Dinitrogen fixation along the coast of WA and the usage of IMOS data; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Eric Raes

Waite, A; Coastal particle injection into a forming mesoscale eddy in the Eastern Indian Ocean - impacts on oxygen and nitrogen dynamics; University of Western Australia Seminar, 21/03/2014 - 21/03/2014, University of Western Australia, Perth, Presenter(s): Anya Waite

Waite, A; Biological oceanography of western rock lobster larvae: living on the edge of the predator pit?; Murdoch University Seminar, 17/04/2014 - 17/04/2014, Perth, Presenter(s): Anya Waite

Griffin, DA, Schiller, A; MH370 - drift of potential debris: one of the most tragic and mysterious aviation disasters of all time; Ocean Surface Topography Science Team (OSTST) Meeting, 27/10/2014 - 31/10/2014, Lake Constance, Presenter(s): David Griffin

Griffin, DA; Operational Oceanography in support of the search for MH370; Ocean Surface Topography Science Team (OSTST) Meeting, 20/10/2015 - 23/10/2015, Reston, Presenter(s): David Griffin

Griffin, DA, Roughan, M; A frontal eddy intensively sampled at sea and overflowed by SARAL; Ocean Surface Topography Science Team (OSTST) Meeting, 20/10/2015 - 23/10/2015, Reston, Presenter(s): David Griffin

Griffin, DA; Ocean surface currents and the search for MH370; Australian Transport Safety Bureau First Principles Review, 02/11/2016 - 04/11/2016, Canberra, Presenter(s): David Griffin

Griffin, DA; Ocean surface currents and the search for MH370; Briefing to Malaysian Transport Minister Liow in KL, Malaysia, 02/12/2016 - 02/12/2016, Kuala Lumpur, Presenter(s): David Griffin

Cahill, M; Validating coastal altimetry on the Greate Australian Bight; 10th Coastal Altimetry Meeting, 21/02/2017 - 24/02/2017, Florence, Presenter(s): Madeleine Cahill

Griffin, DA; Ocean surface currents and the search for MH370; CSIRO Seminar, 20/04/2017 - 20/04/2017, Hobart, Presenter(s): David Griffin

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## Plenary Address

Gillanders, B; Ear bones of fish: turning points in fish and fisheries science ; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Bronwyn Gillanders

## Symposium Presentation

Griffin, DA; Australia's boundary currents: altimetry, in-situ and model estimates; ESA Living Planet Symposium, 09/10/2013 - 13/10/2013, Edinburgh, Presenter(s): David Griffin

## Workshop Presentation

Griffin, DA; How ACORN data is shown on the IMOS OceanCurrent website; ACORN Workshop, 14/06/2012 - 15/06/2012, James Cook University, Townsville, Presenter(s): David Griffin

Griffin, DA, Oke, PR; Ocean forecasting and hindcasting: the importance of remote sensing; 3rd Oil and Gas Earth Observation Group Workshop, 14/09/2012 - 14/09/2012, Perth, Presenter(s): David Griffin

Cahill, M; Ocean currents near Heron Island, Great Barrier Reef, as observed using altimetry, in-situ current meters and HF radar; 7th Coastal Altimetry Workshop, 07/10/2013 - 08/10/2013, Boulder, Presenter(s): Madeleine Cahill

Raes, E, McInnes, AS, Olsen, A, Hardman-Mountford, NJ, Thompson, P, Waite, A; N<sub>2</sub> fixation and the diazotrophic community in the eastern Indian Ocean; The 11th Annual Marine Science Student Workshop of the Australian Marine Science Association, 26/06/2014 - 27/06/2014, Rottneest Island, Presenter(s): Eric Raes

Hardman-Mountford, NJ, Hirata, T, Brewin, R, Aiken, J, King, E, Clementson, L; The global view of marine phytoplankton from ocean colour satellites; Biomass Size Spectra Workshop, 14/08/2015 - 14/08/2015, Hobart, Presenter(s): Nick Hardman-Mountford

Cahill, M; Monitoring coastal upwelling using altimetry: a feasibility study; 9th Coastal Altimetry Workshop, 18/10/2015 - 19/10/2015, Reston, Presenter(s): Madeleine Cahill

Cahill, M; Altimetry in coastal regions; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Madeleine Cahill

Cahill, M; The OceanCurrent Website; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Madeleine Cahill

Griffin, DA; Remote sensing at work in Australia's ocean territories; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): David Griffin

Hardman-Mountford, NJ, Hirata, T, Brewin, R, Aiken, J, King, E, Clementson, L; The global view of marine phytoplankton from ocean colour satellites; Satellite Oceanography Users Workshop, 09/11/2015 - 11/11/2015, Melbourne, Presenter(s): Nick Hardman-Mountford

Griffin, DA, Cahill, M; Jason-3, Jason-2 comparison; Jason-3 Near Real -Time Verification Workshop, 21/06/2016 - 21/06/2016, New York

Oliveira, H, Middleton, J, Oke, PR, Coleman, R; The upwelling circulation along the shelves of the Great Australian Bight: idealized simulations and the role of banks and valleys; Australian Coastal and Oceans Modelling and Observations

(ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Hugo Oliveira

Roughan, M, Kerry, C, Rao, S, et, al.; Modelling and observing the East Australian Current system and its impacts on shelf circulation, Lagrangian transport and biogeochemistry; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Moninya Roughan

Cahill, M; Oceanography and data relevant to fisheries of SE Australia; Fishwell Research & SE Squid Fisheries Workshop, 30/01/2017 - 30/01/2017, Adelaide, Presenter(s): Madeleine Cahill

Type Count

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## No Associated Facility

### Conference Oral Presentation

Doherty, P; GBROOS – an observation system for the Great Barrier Reef; Australian Marine Science Association Conference, 09/07/2007 - 13/07/2007, University of Melbourne, Melbourne, Presenter(s): Peter Doherty

Ridgway, K, Beggs, H, Furnas, M, Gronell, A, Hosie, G, Lee, R, Richardson, A, Schulz, E, Tilbrook, B, Trull, T, Turner, P, Wijffels, S; An observation network for the Oceans around Australia - the IMOS Bluewater Node; Australian Marine Science Association Conference, 09/07/2007 - 13/07/2007, University of Melbourne, Melbourne, Presenter(s): Eric Schulz

Roughan, M; NSW-IMOS and oceanographic science; Australian Marine Science Association Conference, 09/07/2007 - 13/07/2007, University of Melbourne, Melbourne, Presenter(s): Moninya Roughan

Beggs, H, Furnas, M, Hosie, G, Richardson, A, Ridgway, K, Schulz, E, Tilbrook, B, Turner, P, Wijffels, S; An observation network for the oceans around Australia - The IMOS Bluewater Node; Australian Meteorological and Oceanographic Society (AMOS) Conference, 29/01/2008 - 01/02/2008, Geelong

Pattiaratchi, C; Ocean observations using Ocean Gliders ; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne, Presenter(s): Charitha Pattiaratchi

Ridgway, K, Beggs, H, Furnas, M, Gronell, A, Hosie, G, Lee, R, Richardson, A, Schulz, E, Tilbrook, B, Trull, T, Turner, P, Wijffels, S; An observation network for the oceans around Australia - The IMOS Bluewater and Climate Node; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne

James, C, Leterme, S, Luick, J, Middleton, J, Patterson, J, van Dongen-Vogels, V, Seuront, L; Introducing the Southern Australian node of the Integrated Marine Observing System, SAIMOS; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Pattiaratchi, C, Feng, M, McCauley, R, Waite, A, Symonds, G, Lynch, M, D'Adamo, N; Western Australian Integrated Ocean Observation System (WAIMOS); Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide, Presenter(s): Charitha Pattiaratchi

Ridgway, K, Beggs, H, Furnas, M, Gronell, A, Hosie, G, Lee, R, Richardson, A, Schulz, E, Tilbrook, B, Trull, T, Turner, P, Wijffels, S; An observation network for the oceans around Australia - The IMOS Bluewater and Climate Node; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Roughan, M, Suthers, I, Harcourt, R, Williams, S, Pritchard, T; Highlights from NSW IMOS; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Roughan, M, Morris, BD, Suthers, I; An Integrated Marine Observing System for southeastern Australia; Australian Meteorological and Oceanographic Society (AMOS) Conference, 27/01/2010 - 29/01/2010, Canberra, Presenter(s): Moninya Roughan

Hedge, P; Reflecting on a decade of collaborations to improve monitoring, evaluation and reporting on marine ecosystems health in offshore waters; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Paul Hedge

### **Conference Poster**

Bainbridge, S, Steinberg, C, Furnas, M, Heron, M; GBROOS - An ocean observing system for the Great Barrier Reef; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

Pattiaratchi, C, Feng, M, McCauley, R, Lynch, M, D'Adamo, N; The West Australian Integrated Marine Observation System (WAIMOS): Interactions between the Leeuwin Current and the continental shelf; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

### **Meeting Presentation**

Middleton, J; IMOS/SAIMOS; Scientific Committee on Oceanic Research (SCOR) Deep Ocean Exchange Working Group Meeting, 10/07/2007 - 11/07/2007, Perugia, Presenter(s): John Middleton

Pattiaratchi, C; The West Australian node of IMOS; Sustained Indian Ocean Biogeochemical and Ecosystem Research (SIBER) Scientific Steering Committee Meeting, 12/07/2010 - 15/07/2010, Perth, Presenter(s): Charitha Pattiaratchi

Doblin, MA; An introduction to Australia's Integrated Marine Observing System; Presentation to Chairman of SIMS Board and associates, 07/12/2015 - 07/12/2015, Sydney Institute for Marine Science, Sydney, Presenter(s): M Doblin

### **Symposium Presentation**

Middleton, J; IMOS/SAIMOS; International Coastal Symposium, 16/04/2007 - 20/04/2007, Gold Coast, Presenter(s): John Middleton

Pattiaratchi, C; Integrated Marine Observing System (IMOS) in Western Australia ; WAMSI Symposium - Monitoring for action: understanding Western Australia's changing marine and coastal environments, 24/11/2009 - 24/11/2009, Western Australian Marine Science Institution, Fremantle, Presenter(s): Charitha Pattiaratchi

### **Workshop Presentation**

Bainbridge, S; GBROOS - An ocean observing system for the Great Barrier Reef; GSSC-XII Workshop - Global and Regional Operational Oceanographic Systems: A Workshop to Explore Collaborative Benefits in the Indian, Asian, Southern Pacific and Australian Oceanic regions , 23/02/2009 - 24/02/2009, Perth, Presenter(s): Scott Bainbridge

Middleton, J; IMOS/SAIMOS; 10th GHRST Science Team Meeting, 01/06/2009 - 01/06/2009, Santa Rosa, Presenter(s): John Middleton

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Bainbridge, S; IMOS - Australia's Integrated Marine Observing System; Scientific Committee on Oceanic Research (SCOR) Workshop on Ocean Biology Observatories, 16/09/2009 - 18/09/2009, Mestre, Presenter(s): Scott Bainbridge

Pattiaratchi, C; Plans for WAIMOS in the Kimberley; Kimberley Biological Oceanography Workshop, 03/11/2009 - 04/11/2009, Perth, Presenter(s): Charitha Pattiaratchi

Bainbridge, S; GBROOS – the Great Barrier Reef Ocean Observing System; Pacific Rim Applications and Grid Middleware Assembly (PRAGMA) 18 Workshop, 03/03/2010 - 04/03/2010, San Diego, Presenter(s): Scott Bainbridge

Pattiaratchi, C; WAIMOS Programs; WAMSI Planning Workshop, 26/03/2010 - 26/03/2010, Perth, Presenter(s): Charitha Pattiaratchi

**Type Count**                      **25**