

Bluewater and Climate

Beggs, H, Majewski, L, Paltoglou, G 2009, New Australian high resolution AVHRR SST products from the Integrated Marine Observing System, Proceedings of the 2009 International Users Symposium, Santa Rosa, USA, May, 2009, Santa Rosa

O'Kane, TJ, Oke, PR, Sandery, PA 2010, An ensemble prediction study of the East Australian Current, Proceedings of the 15th Computational Techniques and Applications Conference 2010, Sydney, Presenter: Terence O'Kane

Cummings, J, Brassington, GB, Keeley, R, Martin, MJ, Carval, T 2010, GODAE ocean data quality control intercomparison project, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol 1), Venice, Italy, September 2009, ESA Publication WPP-306, Venice, Presenter: James Cummings

Send, U, Burkill, P, Gruber, N, Johnson, G, et. al. 2010, Towards an Integrated Marine Observing System: in situ observations, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol 1), Venice, Italy, September 2009, ESA Publication WPP-306, Venice, Presenter: Uwe Send

Van Wijk, EM, Wijffels, S, Riser, S, Rintoul, S, Speer, K, Klatt, O, Boebel, O, Owens, B, Gascard, J-C, Freeland, HJ, Roemmich, D, Wong, A 2010, Observing high latitudes: extending the core Argo array, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol 2), Venice, Italy, September 2009, ESA Publication WPP-306, Venice, Presenter: Esmee Van Wijk

O'Kane, TJ 2010, Results from an ensemble prediction study of the East Australian Current, Proceedings EGU General Assembly 2009, Vienna, Presenter: Terence O'Kane

Wijffels, S, Palmer, MD, Rayner, N, Goni, GJ, Garzoli, SL, Johnson, C, Willis, J, Dushaw, BD, Roemmich, D, Church, JA, Meyers, G 2010, Progress and challenges in monitoring ocean temperature and heat content, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol 1), Venice, Italy, September 2009, ESA Publication WPP-306, Venice

Beggs, H, Verein, R, Paltoglou, G 2010, Calibration and validation of AVHRR sea surface temperatures using observations from Ships of Opportunity, Proceedings of Oceans from Space 2010, Venice

Send, U, et. al. 2010, A global boundary current circulation observing network, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol 2), Venice, Italy, September 2009, ESA Publication WPP-306, Venice, Presenter: Uwe Send

Pender, L, Trull, T, McLaughlin, D, Lynch, T 2010, Pulse - a mooring for mixed layer measurements in the open ocean and extreme weather, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

Beggs, H, Majewski, L, Paltoglou, G, Schulz, E, Barton, I, Verein, R 2010, Report to GHRST11 from Australia - BLUElink and IMOS, Proceedings of the 11th International GHRST Science Team Meeting, Lima, Peru, June, 2010, Lima, Presenter: Ian Barton

Trull, T, Schulz, E, Bray, SG, Pender, L, McLaughlin, D, Tilbrook, B, Rosenberg, M, Lynch, T 2010, The Australian Integrated Marine Observing System Southern Ocean Time Series facility, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

Kloser, R, McCauley, R 2011, Sustained ecosystem monitoring using passive and active acoustics, Proceedings of IUGG 2011, Melbourne, Australia, Melbourne, Presenter: Rudy Kloser

Beggs, H, Sandery, PA, Barass, V, Steinle, P 2011, Australian Bureau of Meteorology SST requirements for NWP and atmosphere-ocean coupled models, Proceedings of the 12th International GHRSSST Science Team Meeting, Edinburgh, UK, June, 2011, Edinburgh, Presenter: Helen Beggs

Beggs, H, Majewski, L, Paltoglou, G, Verein, R, Zhong, A 2011, Report to GHRSSST12 from Australia – BLUElink and IMOS, Proceedings of the 12th International GHRSSST Science Team Meeting, Edinburgh, UK, June, 2011, Edinburgh, Presenter: Helen Beggs

Beggs, H, Castro, S, Wick, G, Majewski, L, LeBorgne, P, Merchant, C, Brunke, M, Clayson, CA, Zhu, X, Corlett, G, Barass, V, Tingwell, C, Sandery, PA, Schulz, E, Kruger, G, Harris, A, Mittaz, J, Gentemann, C, Embury, O 2012, Update on the GHRSSST Tropical Warm Pool diurnal variability (TWP+) project, Proceedings of the 13th International GHRSSST Science Team Meeting, Tokyo, Japan, June, 2012, Tokyo, Presenter: Helen Beggs

Beggs, H, Majewski, L, Kruger, G, Verein, R, Oke, PR, Sakov, P, Tingwell, C, Barass, V, Sandery, PA, Griffin, C 2012, Report to GHRSSST13 from Australia - BLUElink and IMOS, Proceedings of the 13th International GHRSSST Science Team Meeting, Tokyo, Japan, June, 2012, Tokyo

Kaiser-Weiss, A, Beggs, H, Hoyer, J, Harris, A, Corlett, G, Wick, G 2012, Summary of the joint workshop of the DV-WG, HL-TAG, ST-VAL, and EARWIG on tropical warm pool and high latitude SST issues, Proceedings of the 13th International GHRSSST Science Team Meeting, Tokyo, Japan, June, 2012, Tokyo, Presenter: A Kaiser-Weiss

Cancel, M, Watson, C, Haines, BJ, Bonnefond, P, Lyard, F, Femenias, P 2015, Regional Cal/Val of altimeter range at non-dedicated sites in preparation of sentinel-3, Proceedings of Sentinel-3 for Science workshop. ESA SP-734, Venice, Presenter: Chris Watson

Erbe, C, McCauley, R, Gavrilov, AS, Madhusudhana, S, Verma, A 2016, The underwater soundscape around Australia, Proceedings of Acoustics 2016, Brisbane, Presenter: Christine Erbe

Beggs, H, Griffin, C, Majewski, L, Govekar, P, Sisson, J 2016, Report from the Australian RDAC to GHRSSST-XVII, Proceedings of the 17th International GHRSSST Science Team Meeting, Washington, USA, June, 2016, Washington DC, Presenter: Helen Beggs

Conference Proceedings Count 21

Queensland's Integrated Marine Observing System

Heron, M 2007, Tsunami monitoring by HF ocean radar: time and space scales, Proceedings of Oceans 2007 IEEE, Aberdeen, UK, May, 2007, Aberdeen

Bainbridge, S, Rehbein, MA, Feather, G, Eggeling, D 2008, Sensor networks on the Great Barrier Reef - managing marine sensor data, Proceedings of the Environmental Information Management Conference 2009, Albuquerque

Bainbridge, S, Steinberg, C, Heron, M, Rigby, P 2009, The role of observation systems in coral reef monitoring and management, Proceedings of the American Geophysical Union 2009 Joint Assembly, Toronto, Toronto

Bainbridge, S, Eggeling, D 2010, Smart sensors - a new paradigm for marine management: an example from the Great Barrier Reef, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

Bainbridge, S, Steinberg, C, Heron, M, Furnas, M 2010, Integrating observation systems: an example from the Great Barrier Reef, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

Bainbridge, S 2010, The design of a novel time series client for ocean data, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney, Presenter: Scott Bainbridge

Mantovanelli, A, Heron, M, Prytz, A 2010, The use of HF radar surface currents for computing Lagrangian trajectories: benefits and issues, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

Jaffres, JBD, Heron, M, Middleditch, A, Steinberg, C 2010, Waves in the southern Great Barrier Reef, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

Bainbridge, S 2010, GBROOS - an ocean observing system for the Great Barrier Reef, Proceedings of the 11th International Coral Reef Symposium, 2008, Fort Lauderdale, Presenter: Scott Bainbridge

Brando, V, Keen, R, Daniel, P, Baumeister, A, Nethery, M, Baumeister, H, Hawdon, A, Swan, G, Mitchell, R, Campbell, S, Schroeder, T, Park, Y-J, Edwards, R, Steven, A, Allen, S, Clementson, L, Dekker, AG 2010, The Lucinda Jetty Coastal Observatory's role in satellite ocean colour calibration and validation for Great Barrier Reef coastal waters, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

Heron, M, Prytz, A, Steinberg, C 2011, High resolution ocean radar observations in ports and harbours, Proceedings of Coasts and Ports 2011: 20th Australasian Coastal and Ocean Engineering Conference and the 13th Australasian Port and Harbour Conference, Perth

Mantovanelli, A, Heron, M, Prytz, A, Steinberg, C, Wisdom, D 2011, Validation of radar-based Lagrangian trajectories against surface-drogued drifters in the Coral Sea, Australia, Proceedings of Oceans 2011 MTS/IEEE, Kona, USA, September, 2011, Kona

Bainbridge, S 2011, A services based architecture for achieving interoperability of environmental observational data., Proceedings of the Environmental Information Management Conference 2011 , Santa Barbara, Presenter: Scott Bainbridge

Bainbridge, S, Page, G, Jaroensutasinee, M, Jaroensutasinee, K 2011, Towards a services based architecture for real time marine observing data, Proceedings of Oceans 2011 MTS/IEEE, Kona, USA, September, 2011 , Kona

Heron, M 2012, VHF ocean radar for surface currents appraisal at ocean power sites, Proceedings of the 10th European Wave and Tidal Energy Conference, Southampton

Skirving, WJ, Dove, SG, Hoegh-Guldberg, O, Berkelmans, R, Bainbridge, S, Wachenfeld, D, Iglesias-Prieto, R, Eakin, M, Enriquez, S, Mason, R 2012, Next generation satellite tools: understanding environmental stress on coral reefs, Proceedings of the 12th International Coral Reef Symposium, Cairns, Presenter: William Skirving

Woolsey, E, Bainbridge, S, Kingsford, MJ, Byrne, M 2012, Impacts of Cyclone Hamish at One Tree Reef, Proceedings of the 12th International Coral Reef Symposium, Cairns, Presenter: Erika Woolsey

Heron, M, Savidge, D, Blanton, JO 2012, VHF radar measurements of flow in a salt marsh creek , Proceedings of Oceans 2012 MTS/IEEE, Hampton Roads, USA, October, 2012 , Hampton Roads

Mantovanelli, A, Heron, M 2012, Radar-based tracking of pollutants and larvae in the Coral Sea, Proceedings of the 12th International Coral Reef Symposium, Cairns, Presenter: Alessandra Mantovanelli

Hendee, J, Jankulak, M, Shoemaker, M, Gramer, L, Burgess, T, Heron, M, Amornthammarong, N, Bainbridge, S, Skirving, WJ 2012, Wireless architecture for coral reef environmental monitoring, Proceedings of the 12th International Coral Reef Symposium, Cairns, Presenter: Jim Hendee

Jaroensutasinee, M, Jaroensutasinee, K, Bainbridge, S, Fountain, T, Chumkiew, S, Noonsang, P, Kuhapong, U, Vannarat, S, Poyai, A, Nekrasov, M 2012, Sensor networks applications for reefs at Racha Island, Thailand, Proceedings of the 12th International Coral Reef Symposium, Cairns, Presenter: Mullica Jaroensutasinee

Heron, M, Mantovanelli, A, DiMassa, D, Heron, SF 2012, Coastal ocean radars applied to coral reef science and management, Proceedings of the 12 International Coral Reef Symposium, Cairns

Jaroensutasinee, K, Jaroensutasinee, M, Bainbridge, S, Fountain, T, Holbrook, SJ, Nekrasov, M 2012, CREON: integrating disparate sources of remote coral reef sensor data, Proceedings of the 12th International Coral Reef Symposium, Cairns, Presenter: Krisanade Jaroensutasinee

Burgess, T, Hendee, J, Heron, SF, Bainbridge, S, Gramer, L 2012, SeaDroid: low-cost, real-time water temperature logging, Proceedings of the 12th International Coral Reef Symposium, Cairns, Presenter: Tim Burgess

Wyatt, LR 2013, HF Radar: applications in coastal monitoring, planning and engineering, Proceedings of Coasts and Ports 2013: 21st Australasian Coastal and Ocean Engineering Conference and the 14th Australasian Port and Harbour Conference, Sydney, Presenter: Lucy Wyatt

Steinberg, C, Brinkman, R, Rigby, P, Tonin, H, Herzfeld, M, Hughes, D 2013, Q-IMOS monitoring and eReefs modelling: a partnership to inform our understanding of the tropical North Queensland coast, Proceedings of Coasts and Ports 2013: 21st Australasian Coastal and Ocean Engineering Conference and the 14th Australasian Port and Harbour Conference, Sydney, Presenter: Paul Rigby

Heupel, M, Webber, D 2013, Trends in acoustic tracking: where are the fish going and how will we follow them? , Proceedings of Advances in Fish Tagging and Marking Technology, Auckland, Presenter: Michelle Heupel

Page, G, Bainbridge, S, Gardner, S, Hahn, S 2014, Development of a coral reef observing system using 802.11 wireless at Heron Island, Great Barrier Reef, Proceedings of Oceans 2014 MTS/IEEE, Taipei, Taiwan, April, 2014, Taipei, Presenter: Geoff Page

Page, G, Bainbridge, S, Gardner, S, Hahn, S 2014, Implementation of low-cost, long-range microwave links on the Great Barrier Reef using evaporation duct transmission, Proceedings of Oceans 2014 MTS/IEEE, Taipei, Taiwan, April, 2014, Taipei, Presenter: Geoff Page

Feng, M, Wijffels, S 2017, Monitoring variability and changes of the Indonesian Throughflow, Proceedings of the EGU General Assembly Conference 2017, Vienna, Presenter: Ming Feng

Conference Proceedings Count 30

New South Wales - Integrated Marine Observing System

Johnson-Robertson, M, Pizarro, O, Williams, S 2007, Towards three-dimensional heterogeneous imaging sensor correspondence and registration for visualization, Proceedings of Oceans 2007 IEEE, Aberdeen, UK, May, 2007, Aberdeen

Williams, S, Pizarro, O, Mahon, I, Johnson-Robertson, M 2008, Simultaneous localisation and mapping and dense stereoscopic seafloor reconstruction using an AUV, Proceedings of the 2008 International Symposium on Experimental Robotics (ISER), Athens

Pizarro, O, Colquhoun, J, Rigby, P, Johnson-Robertson, M, Williams, S 2008, Towards image-based marine habitat classification, Proceedings of Oceans 2008 IEEE, Quebec, Canada, September, 2008, Quebec City

Williams, S, Pizarro, O, Webster, J, Beaman, R, Johnson-Robertson, M, Mahon, I, Bridge, T 2008, AUV-assisted surveying of relic reef sites, Proceedings of Oceans 2008 IEEE, Quebec, Canada, September, 2008, Quebec City

Pizarro, O, Williams, S, Colquhoun, J 2009, Topic-based habitat classification using visual data, Proceedings of Oceans 2009 MTS/IEEE, Bremen, Germany, May, 2009, Bremen

Barkby, S, Williams, S, Jakuba, M 2009, An efficient approach to bathymetric SLAM, Proceedings of Intelligent Robots and Systems (IROS) 2009 IEEE/RSJ International Conference, St. Louis

Williams, S, Pizarro, O, Jakuba, M, Barrett, N 2009, AUV benthic habitat mapping in south eastern Tasmania, Proceedings of Field and Service Robotics, Results of the 7th International Conference, Cambridge

Rao, D, Williams, S 2009, Large-scale path planning for underwater gliders in ocean currents, Proceedings of the 2009 Australasian Conference on Robotics and Automation, Sydney

Medagoda, L, Jakuba, M, Pizarro, O, Williams, S 2010, Water column current profile aided localisation for autonomous underwater vehicles, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney, Presenter: Lashika Medagoda

- O'Kane, TJ, Oke, PR, Sandery, PA 2010, An ensemble prediction study of the East Australian Current, Proceedings of the 15th Computational Techniques and Applications Conference 2010, Sydney, Presenter: Terence O'Kane
- Steinberg, D, Pizarro, O, Williams, S, Jakuba, M 2010, Dirichlet process mixture models for autonomous habitat classification, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney
- Friedman, A, Pizarro, O, Williams, S 2010, Rugosity, slope and aspect from bathymetric stereo image reconstructions, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney, Presenter: Ariell Friedman
- Jakuba, M, Pizarro, O, Williams, S 2010, High resolution, consistent navigation and 3D optical reconstructions from AUVs using magnetic compasses and pressure-based depth sensors, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney
- Williams, S, Pizarro, O, Jakuba, M, Mahon, I, Ling, S, Johnson, C 2010, Repeated AUV surveying of urchin barrens in North Eastern Tasmania, Proceedings of the IEEE 2010 International Conference on Robotics and Automation Anchorage, USA, May 2010, Anchorage
- Johnson-Robertson, M, Pizarro, O, Williams, S 2010, Saliency ranking for benthic survey using underwater images, Proceedings of the 11th International Conference on Control, Automation, Robotics and Vision, ICARCV 2010, Singapore
- Steinberg, D, Williams, S, Pizarro, O, Jakuba, M 2010, Towards autonomous habitat classification using Gaussian Mixture Model, Proceedings of Intelligent Robots and Systems (IROS) 2010 IEEE/RSJ International Conference, Taipei
- O'Kane, TJ 2010, Results from an ensemble prediction study of the East Australian Current, Proceedings EGU General Assembly 2009, Vienna, Presenter: Terence O'Kane
- Friedman, A, Pizarro, O, Williams, S 2011, Interpretation of benthic stereo imagery using 2D and 3D features in an active learning framework, Proceedings of GeoHab 2011, Bulletin of the Geological Society of Finland, Helsinki
- Dansereau, D, Williams, S 2011, Seabed modelling and distractor extraction for mobile AUVs using light field filtering, Proceedings of the IEEE 2010 International Conference on Robotics and Automation Anchorage, USA, May 2010, Anchorage, Presenter: Donald Dansereau
- Medagoda, L, Williams, S 2011, Water column current profile aided localisation combined with view-based SLAM for autonomous underwater vehicle navigation, Proceedings of the IEEE 2010 International Conference on Robotics and Automation Anchorage, USA, May 2010, Anchorage, Presenter: Donald Dansereau
- Medagoda, L, Williams, S, Pizarro, O, Jakuba, M 2011, Localisation combined with view-based SLAM for Autonomous Underwater Vehicle navigation, Proceedings of the IEEE 2009 International Conference on Robotics and Automation Kobe, Japan, May 2009, Kobe
- Fang, C, Williams, S 2011, Probabilistic resurvey mission planning, Proceedings of the 2010 Australasian Conference on Robotics and Automation, Brisbane, Presenter: C Fang
- Roughan, M, Morris, BD 2011, Using high-resolution ocean timeseries data to give context to long term hydrographic sampling off Port Hacking, NSW, Australia, Proceedings of Oceans 2011 MTS/IEEE, Kona, USA, September, 2011, Kona
- Friedman, A, Steinberg, D, Pizarro, O, Williams, S 2011, Active learning using a variational Dirichlet process model for pre-clustering and classification of underwater stereo imagery., Proceedings of Intelligent Robots and Systems (IROS) 2011 IEEE/RSJ International Conference, San Francisco
- Beall, C, Dellaert, F, Mahon, I, Williams, S 2011, Bundle adjustment in large-scale 3D reconstructions based in underwater robotic surveys, Proceedings of Oceans 2011 OES/IEEE, Santander, Spain, June, 2011, Santander
- Dansereau, D, Mahon, I, Pizarro, O, Williams, S 2011, Plenoptic flow: closed-form visual odometry for light field cameras, Proceedings of Intelligent Robots and Systems (IROS) 2011 IEEE/RSJ International Conference, San Francisco
- Mahon, I, Pizarro, O, Jakuba, M 2011, Reconstructing Pavlopetri: mapping the world's oldest submerged town using stereo-vision, Proceedings of the IEEE 2010 International Conference on Robotics and Automation Anchorage, USA, May 2010,

Anchorage, Presenter: Lashika Medagoda

Jakuba, M, Steinberg, D, Kinsey, JC, Yoerger, DR, Camilli, R, Pizarro, O, Williams, S 2011, Toward automatic classification of chemical sensor data from autonomous underwater vehicles, Proceedings of Intelligent Robots and Systems (IROS) 2011 IEEE/RSJ International Conference, San Francisco

Roughan, M, Galibert, G, Morris, BD 2012, Using high-resolution ocean timeseries data to give context to 50 years of hydrographic sampling off Sydney, Australia, Proceedings of AOGS - AGU (WPGM) 2012 Joint Assembly, Singapore, Singapore, Presenter: Moninya Roughan

Schaeffer, A, Roughan, M, Morris, BD, Rossi, V 2012, Physical variability on the shelf off NSW Australia: new insights from the NSW Integrated Marine Observing System, Proceedings of AOGS - AGU (WPGM) 2012 Joint Assembly, Singapore, Singapore

Barkby, S, Williams, S, Pizarro, O, Jakuba, M 2012, Bathymetric SLAM with no map overlap using Gaussian Processes , Proceedings of Intelligent Robots and Systems (IROS) 2012 IEEE/RSJ International Conference, San Francisco

Wood, JE, Roughan, M, Tate, P 2013, Annual cycling in wind, temperature and along shore currents on the Sydney shelf, Proceedings of Coasts and Ports 2013: 21st Australasian Coastal and Ocean Engineering Conference and the 14th Australasian Port and Harbour Conference, Sydney, Presenter: Julie Wood

Roughan, M, Schaeffer, A, Kioroglou, S 2013, Assessing the design of the NSW-IMOS moored observation array from 2008-2013: recommendations for the future, Proceedings of Oceans 2013 MTS/IEEE, San Diego, USA, September, 2013, San Diego, Presenter: Moninya Roughan

Laffan, SW, Taylor, M 2013, FishTracker: a GIS toolbox for kernel density estimation of animal home ranges that accounts for transit times and hard boundaries, Proceedings of MODSIM2013, Adelaide, Presenter: Shawn Laffan

Balcazar, N, Klinck, H, Nieukirk, S, Mellinger, D, Tripovich, J, Dziak, R, Rogers, T 2014, Acoustics as a tool to reveal population structure of the elusive blue whale, Proceedings of the 2nd International Conference and Exhibition on Underwater Acoustics, Rhodes, Presenter: Naysa Balcazar

Erbe, C, McCauley, R, Gavrilov, AS, Madhusudhana, S, Verma, A 2016, The underwater soundscape around Australia, Proceedings of Acoustics 2016, Brisbane, Presenter: Christine Erbe

Conference Proceedings Count 36

Southern Australian Integrated Marine Observing System

Williams, S, Pizarro, O, How, M, Mercer, D, Powell, G, Marshall, J, Hanlon, R 2009, Surveying nocturnal cuttlefish camouflage behaviour using an AUV, Proceedings of the IEEE 2009 International Conference on Robotics and Automation Kobe, Japan, May 2009, Kobe

Middleditch, A, Cosoli, S 2016, The Australian Coastal Ocean Radar Network: temporal and spatial scales of HF radar wave data, Proceedings of Oceans 2016 MTS/IEEE, Shanghai, China, April, 2016, Shanghai, Presenter: Andrew Middleditch

Erbe, C, McCauley, R, Gavrilov, AS, Madhusudhana, S, Verma, A 2016, The underwater soundscape around Australia, Proceedings of Acoustics 2016, Brisbane, Presenter: Christine Erbe

Middleditch, A, Cosoli, S 2016, Operational data management procedures for the Australian Coastal Radar Network, Proceedings of Oceans 2016 MTS/IEEE, Monterey, USA, September, 2016, Monterey, Presenter: Simone Cosoli

Conference Proceedings Count 4

Western Australian Integrated Marine Observing System

Pattiaratchi, C 2008, Shelf and slope processes offshore Fremantle, Western Australia, Proceedings of the 14th biennial international physics of estuaries and coastal seas conference, Liverpool, Presenter: Charitha Pattiaratchi

Pattiaratchi, C, Hollings, B, Woo, M, Hanson, CE 2010, Oceanographic observations of the Australian continental shelf and slope waters, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Annex), Venice, Italy, September 2009, ESA Publication WPP-306, Venice, Presenter: Charitha Pattiaratchi

Hollings, B, Pattiaratchi, C, Woo, M, Hanson, CE 2010, Sustained oceanographic observations around Australia using autonomous ocean gliders, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney, Presenter: Ben Hollings

Pattiaratchi, C, Feng, M, McCauley, R, Lynch, M, D'Adamo, N 2010, The West Australian Integrated Marine Observation System (WAIMOS): Interactions between the Leeuwin Current and the continental shelf, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Annex), Venice, Italy, September 2009, ESA Publication WPP-306, Venice

Welhena, T, Pattiaratchi, C, Feng, M 2011, Dense water formation and cross-shelf exchange on the Rottneest continental shelf in south-western Australia, Proceedings of Coasts and Ports 2011: 20th Australasian Coastal and Ocean Engineering Conference and the 13th Australasian Port and Harbour Conference, Perth

Gavrilov, AS, McCauley, R, Pattiaratchi, C, Bondarenko, O 2012, The use of passive acoustics to observe the presence and movement of pygmy blue whales (*Balaenoptera musculus brevicauda*), Proceedings of the 11th European Conference on Underwater Acoustics, 2012, Edinburgh

Penton, J, Pattiaratchi, C 2013, The effects of wind forcing on surface currents on the continental shelf surrounding Rottneest Island, Proceedings of Coasts and Ports 2013: 21st Australasian Coastal and Ocean Engineering Conference and the 14th Australasian Port and Harbour Conference, Sydney, Presenter: Jennifer Penton

Williams, DK, Steinberg, C, Rigby, P, Brinkman, R 2013, Observations in support of port activities: recent developments and future opportunities, Proceedings of Coasts and Ports 2013: 21st Australasian Coastal and Ocean Engineering Conference and the 14th Australasian Port and Harbour Conference, Sydney, Presenter: David Williams

Wyatt, LR, Atwater, DP, Prytz, A, Rehder, S 2013, A comparison between SeaSonde and WERA HF radar current measurements, Proceedings of Oceans 2013 MTS/IEEE, Bergen, Norway, June, 2013, Bergen, Presenter: Lucy Wyatt

Wyatt, LR 2013, HF Radar: applications in coastal monitoring, planning and engineering, Proceedings of Coasts and Ports 2013: 21st Australasian Coastal and Ocean Engineering Conference and the 14th Australasian Port and Harbour Conference, Sydney, Presenter: Lucy Wyatt

Balcazar, N, Klinck, H, Nieuwkirk, S, Mellinger, D, Tripovich, J, Dziak, R, Rogers, T 2014, Acoustics as a tool to reveal population structure of the elusive blue whale, Proceedings of the 2nd International Conference and Exhibition on Underwater Acoustics, Rhodes, Presenter: Naysa Balcazar

Pattiaratchi, C, et, al. 2015, Meteotsunamis in south-western Australia, Proceedings of Coasts and Ports 2015: 22nd Australasian Coastal and Ocean Engineering Conference and the 15th Australasian Port and Harbour Conference, Auckland, Presenter: Charitha Pattiaratchi

Penton, J, Pattiaratchi, C 2015, Surface currents on the Rottneest continental shelf, Proceedings of Coasts and Ports 2015: 22nd Australasian Coastal and Ocean Engineering Conference and the 15th Australasian Port and Harbour Conference, Auckland, Presenter: Jennifer Penton

Erbe, C, McCauley, R, Gavrilov, AS, Madhusudhana, S, Verma, A 2016, The underwater soundscape around Australia, Proceedings of Acoustics 2016, Brisbane, Presenter: Christine Erbe

Hawkins, L, Parnum, I, McCauley, R, Saunders, B 2016, Using acoustics to study biological activity in the Perth Canyon, Western Australia, Published Proceedings of the 2nd Australasian Acoustical Societies Conference, ACOUSTICS 2016, Brisbane, Presenter: Lauren Hawkins

Middleditch, A, Cosoli, S 2016, Operational data management procedures for the Australian Coastal Radar Network, Proceedings of Oceans 2016 MTS/IEEE, Monterey, USA, September, 2016, Monterey, Presenter: Simone Cosoli

Pattiaratchi, C, Cosoli, S, Mihanovic, H, Middleditch, A 2017, Sustained coastal ocean observations in south-west Australia, Proceedings of Coasts and Ports 2017, Cairns, Presenter: Charitha Pattiaratchi

Conference Proceedings Count 17

South East Australia Integrated Marine Observing System

Williams, S, Pizarro, O, Jakuba, M, Barrett, N 2009, AUV benthic habitat mapping in south eastern Tasmania, Proceedings of Field and Service Robotics, Results of the 7th International Conference, Cambridge

Williams, S, Pizarro, O, Jakuba, M, Mahon, I, Ling, S, Johnson, C 2010, Repeated AUV surveying of urchin barrens in North Eastern Tasmania, Proceedings of the IEEE 2010 International Conference on Robotics and Automation Anchorage, USA, May 2010, Anchorage

Barrett, N, Seiler, J, Anderson, T, Williams, S, Nicol, S, Hill, N 2010, Using an autonomous underwater vehicle to inform management of biodiversity in shelf waters, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

Rao, D, Bender, A, Williams, S, Pizarro, O 2016, Multimodal information-theoretic measures for autonomous exploration, Proceedings of the IEEE 2016 International Conference on Robotics and Automation Stockholm, Sweden, May, 2016, Stockholm

Conference Proceedings Count 4

No Associated Node

Lynch, T, McLaughlin, D, Hughes, D, Cherry, D, Critchley, G, Allen, S, Pender, L, Thompson, P, Richardson, A, Coman, F, Steinberg, C, Terhell, D, Roughan, M, Seuront, L, McLean, CM, Brinkman, GW, Meyers, G 2008, A national reference station infrastructure for Australia - using telemetry and central processing to report multi-disciplinary data streams for monitoring marine ecosystem response to climate change, Proceedings of Oceans 2008 IEEE, Quebec, Canada, September, 2008, Quebec City

Proctor, R 2008, The Australian Integrated Marine Observing System, Proceedings of the American Geophysical Union 2008 Fall Meeting, San Francisco, San Francisco, Presenter: Roger Proctor

Allen, S 2009, The Australian Integrated Marine Observing System (IMOS) - from initiation to operation, Proceedings of Oceans 2009 MTS/IEEE, Biloxi, USA, October, 2009, Biloxi, Presenter: Simon Allen

Heron, M, Prytz, A 2009, HF radar role in an integrated ocean observing system, Proceedings of Oceans 2009 MTS/IEEE, Bremen, Germany, May, 2009, Bremen

Hughes, D, Lynch, T, Pender, L, Sherlock, M 2010, A Robust Satellite telemetry system for IMOS moorings, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

O'Dor, R, Dagorn, L, Holland, K, Jonsen, I, Payne, J, Sauer, W, Semmens, J, Stokesbury, MJW, Smith, P, Whoriskey, F 2010, The Ocean Tracking Network, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol 2), Venice, Italy, September 2009, ESA Publication WPP-306, Venice, Presenter: R O'Dor

Malthus, T, Brando, V, Jones, S, Held, A, Dekker, AG 2010, Australian activities in calibration and validation for Hyperspectral sensors, Proceedings of Hyperspectral Workshop 2010, Frascati

Heron, M, Marrone, P 2010, Wind direction manifestation on HF ocean radar echoes, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

Atwater, DP, Heron, M 2010, Error estimates for HF ocean radar surface currents, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

Dushaw, BD, Au, W, Beszczynska-Muller, A, Brainard, RE, Cornuelle, B, Duda, T, Dzieciuch, M, Forbes, A, Freitag, L, Gascard, J-C, Gavrilov, AS, Gould, J, Howe, B, Jayne, SR, Johannessen, OM, Lynch, JF, Martin, D, Menemenlis, D, Mikhalevsky, P, Miller, JH, Moore, SE, Munk, W, Nystuen, J, Odom, RI, Orcutt, J, Rossby, T, Sagen, H, Sandven, S, Simmen, J, Skarsoulis, E, Southall, B, Stafford, K, Stephen, R, Vigness-Raposa, K, Vinogradov, S, Wong, KB, Worcester, P, Idquo, A 2010, A global ocean acoustic observing network, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol 2), Venice, Italy, September 2009, ESA Publication WPP-306, Venice

Lynch, T, McLaughlin, D, Hughes, D, Darby, I, de Boer, P, Marouchos, A 2010, Overview of CSIRO oceanographic moorings, Proceedings of Oceans 2010 IEEE, Seattle, USA, September, 2010, Seattle

Hughes, D, Lynch, T 2010, Update on Australia's National Reference Stations, Proceedings of Oceans 2010 IEEE, Seattle, USA, September, 2010, Seattle

Moltmann, T, Proctor, R, Hill, K, Wiltshire, M 2010, The Integrated Marine Observing System - delivering data-streams to support marine research and applications, Proceedings of Oceans 2010 IEEE, Sydney, Australia, May, 2010, Sydney

Reed, G, Proctor, R, Ebeling, W, Gorringer, P 2011, Australia's Interface to Open Access Marine Data, IODE 50th Anniversary International Conference Proceedings, Liege, Presenter: Greg Reed

Moltmann, T 2011, Ocean observing systems a national perspective from Australia, Proceedings of GEOSS Workshop XLII - Oceans, 2011, Kona

Steinberg, D, Friedman, A, Pizarro, O, Williams, S 2011, A Bayesian nonparametric approach to clustering data from underwater robotic surveys, Proceedings of the 15th International Symposium on Robotics Research (ISRR) 2011, Flagstaff

Heron, M, Prytz, A 2011, The data archive for the phased array HF radars in the Australian Coastal Ocean Radar Network, Proceedings of Oceans 2011 OES/IEEE, Santander, Spain, June, 2011, Santander

Lee, R, Mancini, S, Martinez, G, Lindsay, MCM 2011, Resolving environmental dynamics in Port Phillip Bay, using high repeat sampling off the Spirit of Tasmania 1, Proceedings of Coasts and Ports 2011: 20th Australasian Coastal and Ocean Engineering Conference and the 13th Australasian Port and Harbour Conference, Perth, Presenter: Randall Lee

Allen, S 2011, Australia's Integrated Marine Observing System observation methods and technology review, Proceedings of Oceans 2011 MTS/IEEE, Kona, USA, September, 2011, Kona, Presenter: Simon Allen

Morello, E, Lynch, T, Slawinski, D, Howe, B, Hughes, D, Timms, GP 2011, Quantitative Quality Control (QC) procedures for the Australian National Reference Stations: sensor data, Proceedings of Oceans 2011 MTS/IEEE, Kona, USA, September, 2011, Kona

Bewley, M, Douillard, B, Nourani-Vatani, N, Friedman, A, Pizarro, O, Williams, S 2012, Automated species detection: an experimental approach to kelp detection from sea-floor AUV images, Proceedings of the 2012 Australasian Conference on Robotics and Automation, Wellington, Presenter: Michael Bewley

Warren, M, Corke, P, Pizarro, O, Williams, S, Upcroft, B 2012, Visual sea-floor mapping from low overlap imagery using bi-objective bundle adjustment and constrained motion, Proceedings of the 2012 Australasian Conference on Robotics and Automation, Wellington, Presenter: M Warren

Bryson, M, Johnson-Robertson, M, Pizarro, O, Williams, S 2012, Colour-consistent structure-from-motion models using underwater imagery, Proceedings of the 2012 Robotics: science and systems conference, Sydney, Presenter: Mitchell Bryson

Bender, A, Williams, S, Pizarro, O 2012, Classification with probabilistic targets, Proceedings of Intelligent Robots and Systems (IROS) 2012 IEEE/RJS International Conference, Vila Moura, Presenter: Asher Bender

Wyatt, LR, Atwater, DP, Mantovanelli, A, Prytz, A, Rehder, S 2013, The Australian Coastal Ocean Radar Network: data availability and quality, Proceedings of the 14th International Radar Symposium 2013, Dresden, Presenter: Lucy Wyatt

Bewley, M, Nourani-Vatani, N, Rao, D, Douillard, B, Pizarro, O, Williams, S 2013, Hierarchical classification in AUV imagery, Proceedings of Field and Service Robotics, Results of the 9th International Conference, Brisbane, Presenter: Michael Bewley

Proctor, R, Finney, K, Mancini, S 2013, Vocabulary enhancements for the Australian Ocean Data Network, Bulletin of geophysics and theoretical application - An International Journal of Earth Sciences, Lucca, Presenter: Sebastien Mancini

Bongiorno, D, Bryson, M, Dansereau, D, Williams, S 2013, Spectral characterisation of COTS RGB cameras using a linear variable edge filter, Proceedings of the 2013 SPIE Electronic Imaging Conference, Burlingham, Presenter: Daniel Bongiorno

Dansereau, D, Pizarro, O, Williams, S 2013, Decoding, calibration and rectification for lenselet-based plenoptic cameras, Proceedings of Computer Vision and Pattern Recognition (CVPR) 2013 IEEE Conference, Portland, Presenter: Donald Dansereau

Bongiorno, D, Fairly, A, Bryson, M, Williams, S 2013, Automated spectrometer/RGB camera spatial calibration, Proceedings of Geoscience and Remote Sensing Symposium (IGARSS) 2013 IEEE International, Melbourne, Presenter: Daniel Bongiorno

Atwater, DP, Mantovanelli, A, Prytz, A, Rehder, S, Wyatt, LR 2013, Operational requirements for oceanographic ground-wave HF radars: experiences from the Australian Coastal Ocean Radar Network, Proceedings of the 2013 International Conference on Radar, Adelaide, Presenter: Dan Atwater

Bryson, M, Johnson-Robertson, M, Pizarro, O, Williams, S 2013, Automated registration for multi-year robotic surveys of marine benthic habitats, Proceedings of Intelligent Robots and Systems (IROS) 2013 IEEE/RSJ International Conference, Taipei, Presenter: Mitchell Bryson

Glaves, HM, Miller, SP, Proctor, R, Schaap, D 2013, Ocean Data Interoperability Platform (ODIP): developing a common framework for marine data management on a global scale, Bulletin of geophysics and theoretical application - An International Journal of Earth Sciences, Lucca, Presenter: Helen Glaves

Steinberg, D, Pizarro, O, Williams, S 2013, Synergistic clustering of image and segment descriptors for unsupervised scene understanding, Proceedings of Computer Vision (ICCV) 2013 IEEE International Conference, Sydney, Presenter: Daniel Steinberg

Moltmann, T 2013, The Integrated Marine Observing System: observations to support research and applications in the coastal zone, Proceedings of Coasts and Ports 2013: 21st Australasian Coastal and Ocean Engineering Conference and the 14th Australasian Port and Harbour Conference, Sydney, Presenter: Tim Moltmann

Dansereau, D, Bongiorno, D, Pizarro, O, Williams, S 2013, Light field image denoising using a linear 4D frequency-hyperfan all-in-focus filter, Proceedings of the 2013 SPIE Electronic Imaging Conference, Burlingham, Presenter: Donald Dansereau

Wyatt, LR 2014, Wave measurements from the Australian Coastal Ocean Radar Network, Proceedings of Oceans 2014 MTS/IEEE, Taipei, Taiwan, April, 2014, Taipei, Presenter: Lucy Wyatt

Rao, D, Nourani-Vatani, N, Douillard, B, Williams, S, Pizarro, O 2014, Multimodal learning from visual and bathymetric data, Proceedings of the IEEE 2014 International Conference on Robotics and Automation Hong Kong, China, May, 2014, Hong Kong, Presenter: Dushyant Rao

Heron, M, Atwater, DP 2014, QA, QC and accuracy for HF ocean radars, Proceedings of Oceans 2014 MTS/IEEE, Taipei, Taiwan, April, 2014, Taipei, Presenter: Mal Heron

Middleditch, A, Wyatt, LR, James, C 2015, Wave measurements from the Australian Coastal Ocean Radar Network paper, Proceedings of Coasts and Ports 2015: 22nd Australasian Coastal and Ocean Engineering Conference and the 15th Australasian Port and Harbour Conference, Auckland, Presenter: Andrew Middleditch

Nourani-Vatani, N, Williams, S 2015, Structured output prediction with hierarchical loss functions for seafloor imagery taxonomic categorization, Proceedings of the 7th Iberian Conference on Pattern Recognition and Image Analysis, Santiago de compostela

Marzloff, M, Barrett, N, Holbrook, N, Oliver, N, James, L 2015, Distribution models of temperate habitat-forming species on the continental shelf in eastern Australia: setting the baseline to monitor and predict future changes, Proceedings of MODSIM2015, Brisbane, Presenter: Martin Marzloff

Szekely, T, et. al. 2017, Comparison of CORA and EN4 in-situ datasets validation methods, toward a better quality merged dataset, Proceedings of the EGU General Assembly Conference 2017, Vienna

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