

### Bluewater and Climate

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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, 21-25 September 2009, Venice

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Beggs, H, Majewski, L, Paltoglou, G, Schulz, E, Barton, I, Verein, R 2010, Report to GHRSSST11 from Australia - BLUElink and IMOS, Proceedings of the 11th GHRSSST Science Team Meeting, Lima, 21-25 June 2010, Lima, Presenter: Ian Barton

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, 21-25 September 2009, Venice, Presenter: James Cummings

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, 21-25 September 2009, Venice, Presenter: Esmee Van Wijk

Wijffels, S, et, al. 2010, Global Progress and Challenges in Monitoring Ocean Temperature and Heat Content, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol. 2), Venice, Italy, 21-25 September 2009, Venice, Presenter: Susan Wijffels

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

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 the IEEE Oceans 2010 Conference, Sydney, May 2010, Sydney

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Send, U, et, al. 2010, Observing Ocean Boundary Currents, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol. 2), Venice, Italy, 21-25 September 2009, Venice, Presenter: Uwe Send

O'Kane, TJ, Oke, PR, Sandery, PA 2010, An ensemble prediction study of the East Australian Current, Extended abstracts of the fourth CAWCR Workshop 9 November - 11 November 2010 Hobart, Tasmania, Australia, Hobart, Presenter: Terence O'Kane

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O'Kane, TJ, Oke, PR, Sandery, PA 2011, Predicting the East Australian Current, Report from GODAE OceanView/CLIVAR GSOP Workshop on Observing System Evaluation and Intercomparisons, Santa Cruz

Beggs, H, Majewski, L, Paltoglou, G, Verein, R, Zhong, A 2011, Report to GHRSS12 from Australia – BLUElink and IMOS, Proceedings of the 12th GHRSS Science Team Meeting, Edinburgh, 27 June - 1 July 2011, Edinburgh, Presenter: Helen Beggs

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

Watson, C, White, N, Church, JA, Burgette, R, Tregoning, P, Coleman, R 2011, Updated Results from the In Situ Calibration Site in Bass Strait, Australia, Proceedings of the Ocean Surface Topography Science Team (OSTST) meeting, 2012, San Diego, Presenter: Chris Watson

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 GHRSS XIII Science Team Meeting, Tokyo, Presenter: A Kaiser-Weiss

Beggs, H, Majewski, L, Kruger, G, Verein, R, Oke, PR, Sakov, P, Tingwell, C, Barass, V, Sandery, PA, Griffin, C 2012, Report to GHRSS13 from Australia - BLUElink and IMOS, Proceedings of the 13th GHRSS Science Team Meeting, Tokyo

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 GHRSS Tropical Warm Pool Diurnal Variability (TWP+) Project, Proceedings of the GHRSS XIII Science Team Meeting, Tokyo, Presenter: Helen Beggs

Cancet, 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 2015, 2-5 June 2015. ESA SP-734, Venice, Presenter: Chris Watson

Middleditch, A, Cosoli, S 2016, Operational Data Management procedures for the Australian Coastal radar network, Proceedings of Oceans 16 MTS/IEEE Monterey, Monterey, Presenter: Simone Cosoli

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

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

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## Queensland's Integrated Marine Observing System

Heron, M 2007, Tsunami monitoring by HF ocean radar: Time and space scales, Proceedings of the IEEE Oceans 2007 Conference, Aberdeen, 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, Albuquerque, 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 2009 Joint Assembly of the American Geophysical Union, Toronto 2009, Toronto

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

Bainbridge, S 2010, The Design Of A Novel Time Series Client For Ocean Data, Proceedings of the IEEE Oceans 2010 Conference, Sydney, May 2010, Sydney, Presenter: Scott Bainbridge

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

Bainbridge, S 2010, GBROOS – An Ocean Observing System for the Great Barrier Reef, Proceedings of the Eleventh International Coral Reef Symposium, 2008, Fort Lauderdale, Presenter: Scott Bainbridge

Bainbridge, S, Eggeling, D 2010, Smart Sensors - A New Paradigm For Marine Management: An Example From The Great Barrier Reef, Proceedings of the IEEE Oceans 2010 Conference, Sydney, May 2010, Sydney

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 the IEEE Oceans 2010 Conference, Sydney, May 2010, Sydney

Bainbridge, S, Steinberg, C, Heron, M, Furnas, M 2010, Integrating Observation Systems: An Example from the Great Barrier Reef , Proceedings of the IEEE Oceans 2010 Conference, Sydney, May 2010, Sydney

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

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 MTS/IEEE Oceans 2011, Kona

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

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

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

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

Heron, M, Savidge, D, Blanton, JO 2012, VHF radar measurements of flow in a salt marsh creek , Proceedings of MTS/IEEE Oceans 12 , Hampton Roads

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

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

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

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

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

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

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 modeling: 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, Implementation of low-cost, long-range microwave links on the Great Barrier Reef using evaporation duct transmission, Proceedings of OCEANS'14 MTS/IEEE, Taipei, Presenter: Geoff Page

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'14 MTS/IEEE, Taipei, Presenter: Geoff Page

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### 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 the IEEE Oceans 2007 Conference, Aberdeen, 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 International Symposium on Experimental Robotics 2008, Athens, Greece, Athens

Pizarro, O, Colquhoun, J, Rigby, P, Johnson-Robertson, M, Williams, S 2008, Towards Image-based Marine Habitat Classification, Proceedings of the IEEE Oceans 2008 Conference, 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 the IEEE Oceans 2008 Conference, Quebec, Canada, September 2008, Quebec City

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

Pizarro, O, Williams, S, Colquhoun, J 2009, Topic-Based Habitat Classification Using Visual Data, Proceedings of the MTS/IEEE Oceans 2009, Bremen, Germany, May 2009, Bremen

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

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

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

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 the IEEE Oceans 2010, Sydney, May 2010, Sydney

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Steinberg, D, Pizarro, O, Williams, S, Jakuba, M 2010, Dirichlet process mixture models for autonomous habitat classification, Proceedings of the IEEE Oceans 2010, Sydney, Australia, May 2010, Sydney

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

Steinberg, D, Williams, S, Pizarro, O, Jakuba, M 2010, Towards autonomous habitat classification using Gaussian Mixture Model, Intelligent Robots and Systems (IROS), 2010 IEEE/RSJ International Conference, Taipei

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

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

O'Kane, TJ, Oke, PR, Sandery, PA 2010, An ensemble prediction study of the East Australian Current, Extended abstracts of the fourth CAWCR Workshop 9 November - 11 November 2010 Hobart, Tasmania, Australia, Hobart, Presenter: Terence O'Kane

Friedman, A, Pizarro, O, Williams, S 2010, Rugosity, slope and aspect from bathymetric Stereo image reconstructions, Proceedings of the IEEE Oceans 2010 Conference, Sydney, May 2010, Sydney, Presenter: Ariell Friedman

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 MTS/IEEE Oceans 2011, Kona

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

Dansereau, D, Williams, S 2011, Seabed Modeling 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

Fang, C, Williams, S 2011, Probabilistic resurvey mission planning, Proceedings of the 2010 Australasian Conference on Robotics and Automation, Brisbane, Presenter: C Fang

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

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

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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 the 2011 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), San Fransisco

Dansereau, D, Mahon, I, Pizarro, O, Williams, S 2011, Plenoptic flow: Closed-form visual odometry for light field cameras, Proceedings of the 2011 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), San Fransisco

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 the 2011 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), San Fransisco

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) Joint Assembly, 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) Joint Assembly, Singapore

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

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

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 MTS/IEEE Oceans 2013, San Diego, Presenter: Moninya Roughan

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

**Conference Proceedings Count 37**

## 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'16 MTS/IEEE, Shanghai, Presenter: Andrew Middleditch

**Conference Proceedings Count 2**

## Western Australian Integrated Marine Observing System

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

Pattiaratchi, C, Feng, M, McCauley, R, Lynch, M, D'Adamo, N 2009, The West Australian Integrated Marine Observing System (WAIMOS), Proceedings of Oceans'09, Venice, September 2009, Venice, Presenter: Charitha Pattiaratchi

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

Hollings, B, Pattiaratchi, C, Woo, M, Hanson, CE 2010, Proceedings of OceanObs'09: Sustained Oceanic observations and information for society conference, Oceanographic observations of the Australian continental shelf and slope waters, Venice

Pattiaratchi, C, Feng, M, McCauley, R, Lynch, M, D'Adamo, N 2010, Proceedings of OceanObs'09: Sustained Oceanic observations and information for society conference, The West Australian Integrated Marine Observation System (WAIMOS): Interactions between the Leeuwin Current and the continental shelf, 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

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

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

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

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, 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

Pattiaratchi, C, et. al. 2015, Meteosunamis 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, Coasts and Ports 2015: 22nd Australasian Coastal and Ocean Engineering Conference and the 15th Australasian Port and Harbour Conference, Auckland, Presenter: Jennifer Penton

## 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 the 7th International Conference on Field and Service Robotics, 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 the IEEE Oceans 2010 Conference, Sydney, 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 (ICRA), 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 the IEEE Oceans 2008 Conference, Quebec, Canada, September 2008, Quebec City

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

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

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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, 21-25 September 2009, Venice, Presenter: R O'Dor

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 the IEEE Oceans 2010 Conference, Sydney, May 2010, Sydney

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