

Bluewater and Climate

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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

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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

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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

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Queensland's Integrated Marine Observing System

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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

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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

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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

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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

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New South Wales - Integrated Marine Observing System

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- 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
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- 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
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- 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,

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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

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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

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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

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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

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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

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