

Bluewater and Climate

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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

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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

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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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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 GHRST Science Team Meeting, Edinburgh, UK, June, 2011, Edinburgh, Presenter: Helen Beggs

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Erbe, C, McCauley, R, Gavrillov, 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 GHRST-XVII, Proceedings of the 17th International GHRST Science Team Meeting, Washington, USA, June, 2016, Washington DC, Presenter: Helen Beggs

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Queensland's Integrated Marine Observing System

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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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

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

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Conference Proceedings Count 35

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

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 3

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, 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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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

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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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 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

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

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

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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

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

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

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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

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Hallegraef, GM, Bolch, C, Condie, SA, et. al. 2016, Unprecedented Alexandrium blooms in a previously low biotoxin risk area of Tasmania, Australia, Proceedings of the 17th International Conference on Harmful Algae (ICHA), Florianopolis

Conference Proceedings Count 5

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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