

National mooring network



Research Projects

Reef rescue marine monitoring program, Reef and Rainforest Research Centre, Britta Schaffelke, 2005-2013, Partner Institution(s): GBRMPA, AIMS, James Cook University, CSIRO, the Northern Fisheries Centre of the Queensland Department of Employment, Economic Development and Innovation and the National Research Centre for Environmental Toxicology at the University of Queensland, Funding: Caring For Our Country

WAMSI Node 1: Southwest Australia marine ecosystem, Commonwealth Scientific Industrial Research Organisation, University of Western Australia, John Keesing, Ming Feng, Dirk Slawinski, 2006-2011

WAMSI Node 2: Leeuwin Current dynamics and variability, Commonwealth Scientific Industrial Research Organisation, University of Western Australia, Ming Feng, Dirk Slawinski, Liejun Zhong, 2006-2011

Early warning and assessment system for thermal stress on the GBR, Marine and Tropical Sciences Research Facility, Ove Hoegh-Guldberg, Scarla Weeks, Ray Berkelmans, Craig Steinberg, 2006-2010

Prawn and crab harvest optimisation: a bio-physical management tool, South Australian Research and Development Institute, Lachlan McLeay, 2008-2015, Partner Institution(s): SA Government, Funding: Fisheries Research and Development Corporation, South Australian Research and Development Institute

A hydrodynamic/biogeochemical modelling facility for S.A., South Australian Research and Development Institute, John Middleton, 2008-2014, Partner Institution(s): Marine Innovation S.A., Flinders University, Funding: Marine Innovation S.A.

Receiving water quality modelling, Australian Institute of Marine Science, Commonwealth Scientific Industrial Research Organisation, Richard Brinkman, Mike Herzfeld, 2009-2011, Partner Institution(s): GBRMPA, MTSRF, Funding: Marine and Tropical Sciences Research Facility (MTSRF)

Hydrodynamics at the whole-of-GBR scale, Australian Institute of Marine Science, Commonwealth Scientific Industrial Research Organisation, Richard Brinkman, Mike Herzfeld, 2009-2010, Partner Institution(s): MTSRF and GBRMPA

eAtlas, Australian Institute of Marine Science, Katrina Fabricius, 2009-2013, Partner Institution(s): JCU, GBRMPA, Funding: National Environmental Research Program (NERP) , Marine and Tropical Sciences Research Facility (MTSRF)

Carrying capacity for Spencer Gulf, South Australian Research and Development Institute, John Middleton, 2009-2013, Partner Institution(s): Fisheries research and Development Corporation, Flinders University, Funding: South Australian Research and Development Institute

Modelling of source-sink relation of western rock lobster recruitment, Fisheries Research & Development Corporation, Nick Caputi, Ming Feng, Evan Weller, 2009-2011, Partner Institution(s): Department of Fisheries, CSIRO

Long-term changes in gelatinous plankton in Australia, Griffith University, Kylie Pitt, 2010-2011, Partner Institution(s): US National Center for Ecological Analysis and Synthesis

Ocean-reef interactions as drivers of continental shelf productivity in a changing climate, University of Western Australia, University of New South Wales, Anya Waite, Moninya Roughan, Charitha Pattiaratchi, Jonne Kotta, Helen Orav-Kotta, 2010-2012, Funding: ARC

Cross shelf processes and nutrient enrichment in the East Australian Current regime, University of New South Wales, Amandine Schaeffer, Moninya Roughan, 2010-2015

Management implications of climate change on fisheries in WA, Fisheries Research & Development Corporation, Nick Caputi, Ming Feng, 2010-2013, Partner Institution(s): Dep of Fisheries WA, CSIRO

CO2 program, University of Tasmania, Tom Trull, Partner Institution(s): UTAS, CSIRO, AAD, Funding: ACECRC

Portland and NSW data sets acoustic data sets, University of New South Wales, Tracey Rogers, Partner Institution(s): UNSW, Funding: ARC

New pathways of exchange at the mouth of Spencer Gulf: double diffusion., South Australian Research and Development Institute, Griffith University, Mark Doubell, John Middleton, Charles Lemkert

Southern Australian Integrated Marine Observing System (SAIMOS) - biological survey and data QA/QC, Flinders University, Royal Netherlands Institute, National Oceanography Centre, Station Biologique, Sophie Leterme, Corina Brussaard, Mike Zubkov, Nathalie Simon

Leeuwin current and capes current dynamics, Commonwealth Scientific Industrial Research Organisation, Liejun Zhong, Ming Feng, 2011-2012, Funding: CSIRO

Issues in marine science: developing sustainable strategies for rang-shifting species, University of Tasmania, Stewart Frusher, Funding: ANNIMS Springboard

Ocean carbon and acidification, Bronte Tilbrook, Andrew Lenton, Partner Institution(s): AIMS, UQ, USyd, UNSW, UWA, NOAA(USA) NIES(Japan), IPSL(France), Funding: Australian Climate Change Science Program (ACCSP), CSIRO

Sea breeze forcing of near-inertial wave near the critical latitude for resonance, University of Western Australia, Florence Kaempf, Charitha Pattiaratchi, 2011-2012, Partner Institution(s): Bangor University, UK (John Simpson) and Hydrographic Institute of the Republic of Croatia, Split, Croatia (Hrvoje Mihanovic), Funding: Group of Eight European Fellowship

Tidal variability and mixing on the Australian North West shelf, University of Western Australia, Samuel Kelly, Nicole Jones, Gregory Ivey, Ryan Lowe, 2011-2012, Funding: University of Western Australia , Australian Institute of Marine Science, CSIRO

Integration of Autonomous Underwater Vehicles (AUVs) and remote satellite sensing for automated and persistent monitoring, University of Queensland, Chris Roelfsema, Matthew Dunbabin, Russ Babcock, 2011-2013, Funding: CSIRO

Spencer Gulf Research Initiative: Development of an Ecosystem Model for Fisheries and Aquaculture, University of Adelaide, South Australian Research and Development Institute, Bronwyn Gillanders, Simon Goldsworthy, John Middleton, Mark Doubell, 2011-2014, Partner Institution(s): FRDC Proj. No. 2011/205, UOA, SARDI, Funding: Fisheries Research and Development Corporation

Sediment dynamics in muddy estuaries, Australian Defence Force Academy, Australian Institute of Marine Science, International Petroleum Exploration Corporation, David Williams, Xiao Hua Wang, 2011-2014, Funding: ADFA, Australian Institute of Marine Science, Oceanology Institute China, INPEX

Surface Ocean CO₂ Atlas (SOCAT), D Bakker, Partner Institution(s): UEA, NOAA, CSIRO, plus 47 others

Shaping integrated monitoring for the Great Barrier Reef World Heritage Area, Paul Hedge, 2011-2015, Funding: National Environmental Research Program (NERP)

Demography and interannual variability of salp swarms, University of New South Wales, Natasha Henschke, Jason Everett, M Doblin, Kylie Pitt, Anthony Richardson, Iain Suthers, 2011-2014, Funding: Commonwealth Government

Scientific support for managing Australia's marine biodiversity - a national marine biodiversity hub, University of Tasmania, Nicholas Bax, Chris Austin, Russ Babcock, Neville Barrett, Mark Bravington, Brendan Brooke, Julian Michael Caley, Piers Dunstan, Karen Edyvane, Peter Harris, Sarah Jennings, Gary Kendrick, Tim O'Hara, Sean Pascoe, Bob Pressey, Wendy Proctor, Tony Smith, Chris Wilcox, 2011-2015, Partner Institution(s): AIMS, CDU, CSIRO, GA, Museum Victoria, JCU, UTas, UWA, Funding: National Environmental Research Program (NERP)

Importance of internal waves in the stimulation of primary productivity at Ningaloo Reef, University of Western Australia, Australian Institute of Marine Science, Ryan Lowe, Nicole Jones, Richard Brinkman, Peter Stratton, Jim Falter, Gregory Ivey, 2011-2012, Partner Institution(s): UWA, AIMS, UTas, Funding: ANNIMS

Ocean-shelf exchange with an emphasis on the role of waves, tides, eddies and cross-shelf flows on carbon exchange, University of Western Australia, University of Tasmania, James Cook University, Charitha Pattiaratchi, Roger Proctor, Peter Ridd, 2011-2012, Partner Institution(s): UWA, JCU, AIMS, UTas, CSIRO, UNSW, UTS, SARDI/Flinders, IOC, Proudman Oceanographic Laboratory, University of Southern Mississippi, University of Maryland, Baltic Sea Research Institute, Funding: ANNIMS

WAMSI node 2: Ningaloo, Australian Institute of Marine Science, University of Western Australia, Richard Brinkman, Partner Institution(s): AIMS, Funding: Australian Institute of Marine Science, Western Australian Marine Science Institution

Deep water kelp forests; benthic biodiversity in marine parks in NSW, Sydney Institute for Marine Science, University of New South Wales, Ezequiel Marzinelli

Coupled physical and biogeochemical dynamics on the Australian North West Shelf, Gregory Ivey, Ryan Lowe, Peter Stratton, Nicole Jones, Miles Furnas, Gary Brinkman, 2012-2014, Funding: ARC Discovery Project

eReefs, Commonwealth Scientific Industrial Research Organisation, Stuart Minchin, John Stevens, George Cresswell, 2012-2017, Partner Institution(s): CSIRO, AIMS, BoM, GBRMPA, GBR Foundation, DERM QLD

Net conservation benefit, connectivity codelling, Commonwealth Scientific Industrial Research Organisation, Ming Feng, 2012-2015, Partner Institution(s): UWA

Inter-fleet comparisons of FLNTU outputs to reduce uncertainties in bio-optical data streams in a sustained observing system, Commonwealth Scientific Industrial Research Organisation, Tim Lynch, L Clementson, Robert Kay, Moninya Roughan, Vittorio Brando, M Doblin, Karen Evans, 2012-2014, Partner Institution(s): IMOS, Funding: CSIRO

South Australian gulfs data scoping and collation, University of Adelaide, Bronwyn Gillanders, 2012-2013, Partner Institution(s): MISA, Funding: Integrated Marine Observing System (IMOS)

The IMOS plankton ecosystem assessment report, Commonwealth Scientific Industrial Research Organisation, Anthony Richardson, 2012-2013, Funding: CSIRO

Resilience of Moreton Bay to climate change: links between nutrient inputs and plankton dynamics, Commonwealth Scientific Industrial Research Organisation, Anthony Richardson, 2012-2013, Partner Institution(s): Griffith University, Healthy Waterways Partnership, Queensland EPA, Funding: ARC Linkage Project

Long-term changes in Vibrio bacteria, Luigi Vezzulli, 2012-2013, Funding: CSIRO

Zooplankton atlas of Australia, University of Tasmania, Kerrie Swadling, 2012-2012, Funding: University of Tasmania, Integrated Marine Observing System (IMOS), CSIRO

Phytoplankton atlas of Australia, University of Tasmania, Gustaaf Hallegraeff, 2012-2015, Funding: University of Tasmania, Integrated Marine Observing System (IMOS), CSIRO

Ocean-shelf exchange with an emphasis on the roles of waves, tides, eddies and cross-shelf flows on carbon exchange, University of Tasmania, University of Western Australia, James Cook University, Roger Proctor, Charitha Pattiaratchi, Peter Ridd, 2012-2014, Funding: ANNIMS

Ocean carbon and acidification in Australian regional seas and the Southern Ocean, Commonwealth Scientific Industrial Research Organisation, Bureau of Meteorology, Bronte Tilbrook, Andrew Lenton, Partner Institution(s): CSIRO, BOM, Funding: Australian Climate Change Science Program (ACCSP)

Critical seabird foraging locations and trophic relationships for the Great Barrier Reef, James Cook University, Brad Congdon, 2012-2015, Partner Institution(s): UQ, AIMS, Funding: Australian Institute of Marine Science

Future Reef MAP, Bronte Tilbrook, 2012-2015, Funding: Rio Tinto Alcan, Great Barrier Reef Foundation, CSIRO

Coastal carbon collaboration cluster, Commonwealth Scientific Industrial Research Organisation, Andy Steven, 2012-2015, Partner Institution(s): CSIRO, UTS, UWA, SCU, JCU, UNSW

Australian marine microbial biodiversity initiative, Commonwealth Scientific Industrial Research Organisation, Lev Bodrossy, Partner Institution(s): CSIRO, UNSW, UTS, AIMS, SIMS

South East Queensland integrated terrestrial to oceans research, University of Queensland, Andy Steven, Stuart Phinn, 2012-2013, Funding: Australian National Data Service (ANDS)

Additional observations in support of eReefs, Commonwealth Scientific Industrial Research Organisation, Simon Allen, Partner Institution(s): CSIRO, AIMS, IMOS, Funding: CSIRO, Australian Institute of Marine Science, Integrated Marine Observing System (IMOS)

Do coastal currents feed the harvest from purpose-built, offshore artificial reefs?, University of New South Wales, Sydney Institute for Marine Science, Iain Suthers, Micheal Lowry, Matt Taylor, Moninya Roughan, Emma Johnston, Charles Gray, 2012-2015, Funding: ARC Linkage Project, Department of Primary Industries, NSW

Great Australian Bight collaborative science program, South Australian Research and Development Institute, Tim Ward, 2013-2016, Partner Institution(s): Marine Innovation South Australia (MISA), CSIRO, British Petroleum, SARDI

The dynamics and variability of the Ningaloo Nino, Commonwealth Scientific Industrial Research Organisation, Ming Feng, 2013-2014, Partner Institution(s): BOM

Quantitative Quality Control (QC) procedures for Australia's National Reference Stations data – comparing semi-autonomous qualitative and quantitative systems to an expert oceanographer, Commonwealth Scientific Industrial Research Organisation, Elisabetta Morello, Guillaume Galibert, D Smith, Ken Ridgway, Ben Howell, Dirk Slawinski, G Timms, Karen Evans, Tim Lynch, 2013-2013, Partner Institution(s): IMOS, Funding: CSIRO

WAMSI Kimberley climate change project, Commonwealth Scientific Industrial Research Organisation, Ming Feng, Partner Institution(s): <http://www.wamsi.org.au/content/partners>, Funding: Western Australian Marine Science Institution

Physical oceanographic dynamics in the Kimberley, University of Western Australia, Gregory Ivey, Richard Brinkman, Ryan Lowe, 2013-2015, Partner Institution(s): AIMS, Funding: Western Australian Marine Science Institution

Physical oceanographic influences on Queensland reef fish and scallops, Queensland Department of Agriculture, Fisheries and Forestry, Tony Courtney, 2013-2015, Partner Institution(s): DAFF-BOM-CARM, Funding: Fisheries Research and Development Corporation

Global climate influence on local oceanography and southern bluefin tuna fishing patterns in the Great Australian Bight, Southern Bluefin Tuna Industry Association, Kirstin Rough, Page Eveson, Alastair Hobday, Jessica Farley, Mark Doubell, Partner Institution(s): CSIRO, SARDI, Funding: CSIRO, South Australian Research and Development Institute

Biological nitrogen fixation in the Australian marine environment: the Southern Australian region, University of Technology Sydney, South Australian Research and Development Institute, Lauren Messer, Justin Seymour, Mark Doubell, Partner Institution(s): UTS, SARDI, Funding: ARC

Climate-driven windblown dust and flood runoff can increase marine fungal diseases by fungal pathogens, University of Tasmania, Gustaaf Hallegraeff, Anthony Richardson, Funding: ARC Discovery Project

A transportable containerised laboratory for rapid cell sorting and high-resolution bioimaging of living aquatic microbes in field locations, University of New South Wales, Macquarie University, University of Western Australia, University of Tasmania, M Doblin, Justin Seymour, Peter Ralph, Saravanamuthu Vigneswaran, Cynthia Whitchurch, Partner Institution(s): University of Technology, Sydney, Funding: ARC LIEF

eReefs - hydrodynamic modelling validation, BOM Queensland Regional Office, Arthur Simanjuntak, 2013-2014, Partner Institution(s): CSIRO, AIMS, Funding: Bureau of Meteorology

Observations of remarkable eastward flows in the South Indian Ocean, University of Tasmania, Nathan Bindoff, Julian McCreary, Ryo Furue, Ming Feng, Jessica Benthuyssen, Catia Domingues, 2013-2016, Partner Institution(s): CSIRO, University of Hawaii, Funding: ARC Discovery Project

Offshore artificial reefs, Industry and Investment New South Wales, Iain Suthers, Matt Taylor, 2013-2016, Funding: ARC Linkage Project

Adelaide coastal waters modelling, SA water capital project C0738, South Australia Water, DAMCO Consulting and Deltares, Milena Fernandes, Rob Daly, Paul Erftemeijer, Jos van Gils, 2013-2016, Funding: South Australia Water Asset Management Program

Alkalinity of Australian waters, Nick Hardman-Mountford, Jim Greenwood, 2014-2015, Funding: CSIRO

Advancing dynamical understanding in the East Australian Current: optimising the ocean observation and prediction effort, Sydney Institute for Marine Science, Moninya Roughan, 2014-2016, Funding: ARC

NRS regional WQM fluorescence characterisation, Commonwealth Scientific Industrial Research Organisation, L Clementson, Tim Lynch, 2014-2016, Funding: CSIRO

Operational and scientific monitoring program & applied research program, Australian Institute of Marine Science, D Souter, 2014-2015, Partner Institution(s): AIMS, Shell Development (Australia) Pty Ltd, Funding: INPEX, Shell Development (Australia) Pty Ltd

Biogeochemical processes supporting productivity of Kimberley coastal waters, WAMSI Project 2.2.2, Western Australian Marine Science Institution, Anya Waite, 2014-2015, Funding: Western Australian Marine Science Institution, University of Western Australia, CSIRO

Drivers of primary production in eastern Australia, University of Technology Sydney, M Doblin, 2014-2015, Partner Institution(s): CSIRO, Funding: CSIRO Marine and Coastal Carbon Biogeochemistry

The role of internal wave-driven near-bed turbulent dynamics in coastal ocean sediment mobilisation, University of Western Australia, Gregory Ivey, Nicole Jones, Jonathan Nash, Samuel Kelly, 2014-2016, Funding: ARC Discovery Project

Australian national shelf reanalysis, Emlyn Jones, Moninya Roughan, Tim Moltmann, Andreas Schiller, Peter May, 2014-2014, Funding: Integrated Marine Observing System (IMOS)

Upwelling and shelfbreak processes: the role of local and remote forcing in driving GBR exchanges, Australian Institute of Marine Science, Jessica Benthuyzen, 2014-2016, Partner Institution(s): eReefs/IMOS, Funding: Australian Institute of Marine Science

Time series of primary productivity at the Port Hacking National Reference station, University of Technology Sydney, M Doblin, Virginie van Dongen-Vogels, 2014-2016, Partner Institution(s): OEH, Funding: CSIRO, Marine and coastal carbon biogeochemistry cluster

eReefs DA - phase 2, Commonwealth Scientific Industrial Research Organisation, Emlyn Jones, 2014-2015, Partner Institution(s): BOM, AIMS

Incorporating new knowledge of phytoplankton diversity and nutrient utilisation into an ocean-climate model to improve forecasts of ocean function, M Doblin, Shauna Murray, Richard Matear, B Hutchins, 2014-2016, Funding: ARC

The Great Australian Bight research project, South Australian Research and Development Institute, Commonwealth Scientific Industrial Research Organisation, John Middleton, David Griffin, 2014-2017, Partner Institution(s): CSIRO, SARDI, Funding: BP, CSIRO, South Australian Research and Development Institute, Flinders University, University of Adelaide

The Great Australian Bight research program, project 1.1, oceanography: the science that underpins, South Australian Research and Development Institute, Commonwealth Scientific Industrial Research Organisation, John Middleton, David Griffin, 2014-2017, Funding: BP, CSIRO, South Australian Research and Development Institute

Optimising the size and quality of sardines through real-time harvest monitoring, South Australian Research and Development Institute, South Australian Sardine Industry Association, Mark Doubell, John Middleton, Tim Ward, Graham Watson, 2014-2015, Partner Institution(s): SARDI, SASIA, Funding: Australian Seafood Cooperative Research Centre

The Great Australian Bight research program, project 1.2, waves, South Australian Research and Development Institute, Commonwealth Scientific Industrial Research Organisation, David Griffin, John Middleton, 2014-2017, Funding: BP, CSIRO, South Australian Research and Development Institute

Ocean circulation and mesoscale eddies in the southeast Indian Ocean, Commonwealth Scientific Industrial Research Organisation, Ming Feng, 2014-2016, Partner Institution(s): Chinese Academy of Sciences, Funding: CSIRO, Chinese Academy of Sciences

Social networking in a changing ocean: microbial-scale ecological interactions control ocean-scale chemistry, DP140101045, Justin Seymour, et al., 2014-2016

The Great Australian Bight research program: project 2.1. Spatial and temporal variation in shelf microbial and plankton communities in the Great Australian Bight, South Australian Research and Development Institute, Commonwealth Scientific Industrial Research Organisation, Paul van Ruth, R McGarvey, Tim Ward, Anthony Richardson, 2014-2017, Funding: BP, CSIRO, South Australian Research and Development Institute

The Great Australian Bight research program: project 4.1. Status, distribution and abundance of iconic species and apex predators in the Great Australian Bight, South Australian Research and Development Institute, Flinders University, Simon Goldsworthy, Alice Mackay, Luciana Moller, Guido Para, Paul Rogers, 2014-2017, Funding: BP, South Australian Research and Development Institute, Flinders University

The Great Australian Bight research program: project 4.2. Identifying areas of ecological significance for iconic species and apex predators in the great Australian Bight, South Australian Research and Development Institute, Commonwealth Scientific Industrial Research Organisation, Simon Goldsworthy, Fred Bailleul, Toby Patterson, 2014-2017, Funding: BP, South Australian Research and Development Institute, Flinders University

Predicting marine currents, nutrients and plankton in the coastal waters of South Eastern Tasmania in response to changing weather patterns, Christine Crawford, Stewart Frusher, Kerrie Swadling, 2014-2017, Funding: Fisheries Research and Development Corporation

The Great Australian Bight research program: project 7.1. Knowledge integration of socio-ecological systems of the Great Australian Bight, South Australian Research and Development Institute, Commonwealth Scientific Industrial Research Organisation, Tim Ward, Cathy Bulman, Elizabeth Fulton, Simon Goldsworthy, 2014-2017, Funding: BP, CSIRO

The Great Australian Bight Research Program, Project 2.2 Characterise variation in offshore/slope microbial, plankton and micronekton communities in the Great Australian Bight, South Australian Research and Development Institute, Commonwealth Scientific Industrial Research Organisation, Rudy Kloster, Paul van Ruth, Mark Doubell, Anthony Richardson, 2014-2017, Partner Institution(s): CSIRO, SARDI, Funding: BP, CSIRO, South Australian Research and Development Institute

Operational oceanography for oil and gas exploration in the Great Australian Bight: British Petroleum, Oliver Jones, 2014-2017, Partner Institution(s): BP, Funding: BP

Improved understanding of Tasmanian harmful algal blooms and biotoxin events to support seafood risk management, University of Tasmania, Gustaaf Hallegraeff, 2014-2017, Funding: Fisheries Research and Development Corporation

Blue whale calling trends Australia wide, Curtin University, Rob McCauley, Alexander Gavrillov

Tuna and finfish aquaculture environmental program 2015/16 to 2018/19, South Australian Research and Development Institute, Maylene Loo, Mark Doubell, 2015-2019, Funding: PIRSA Fisheries and Aquaculture

Benthic habitat survey of outer Darwin Harbour and Bynoe Harbour, Australian Institute of Marine Science, David Williams, Partner Institution(s): AIMS, NT Government Department of Land Resource Management, Geoscience Australia, Funding: Australian Institute of Marine Science, NT Government Department of Land Resource Management and Geoscience Australia

Predicting circulation patterns along the south-west Australian continental shelf, University of Western Australia, Ivica Janekovic, Charitha Pattiaratchi, Sarath Wijeratne, Yasha Hetzel, Simone Cosoli, 2015-2016, Partner Institution(s): IMOS, Funding: University of Western Australia

Modelling of oceanographic variables for the development of additional finfish aquaculture in Spencer gulf, South Australian Research and Development Institute, Mark Doubell, Charles James, John Middleton, Funding: Clean Seas Tuna

Ocean Mixing Matters, University of New South Wales, Robin Robertson, Partner Institution(s): Defence Related Research Project

Linking phytoplankton to fisheries using zooplankton size spectra, University of New South Wales, Iain Suthers, Laura Richardson, Mark Baird, Sagulenko Evgeny, 2015-2018, Partner Institution(s): ARC Discovery Project, Funding: University of New South Wales, ARC Discovery Project

Ichthyoplankton long-term monitoring at National Reference Stations, University of Tasmania, Iain Suthers, Ana Lara-Lopez, Anthony Richardson, Kerrie Swadling, Tim Ward, 2015-2016, Funding: AFMA - Australian Fisheries Management Authority

A uniquely integrated approach to predicting Fisheries Recruitment, University of New South Wales, Moninya Roughan, 2015-2018, Funding: ARC Linkage Project

Fish chorusing and acoustics, Curtin University, Rob McCauley

Carbonate system of Australian coastal waters from IMOS NRS and VOS measurements, Commonwealth Scientific Industrial Research Organisation, Nick Hardman-Mountford, Jim Greenwood, 2015-2016, Partner Institution(s): CSIRO, Funding: CSIRO

CARS, synTS and SSS, Commonwealth Scientific Industrial Research Organisation, Madeleine Cahill, J Lovell, Funding: CSIRO

Australian marine microbial biodiversity initiative, Lev Bodrossy, Mark Brown, Tim Moltmann, 2015-2017, Funding: Integrated Marine Observing System (IMOS), Bioplatforms Australia (BPA)

Southern ocean carbon cycle postdoctoral fellow, University of Tasmania, Paula Conde-Pardo, 2015-2018, Funding: ACECRC

Environmental monitoring to improve understanding of oyster performance, Paul van Ruth, 2015-2017, Funding: Eyre Peninsula NRM Board, South Australian Oyster Growers Association, South Australian Oyster Research Council

Understanding the physical oceanographic drivers of a mass coral bleaching event AIMS research project, Australian Institute of Marine Science, Craig Steinberg, 2016-2017

NESP project 2.3.1 - benthic light as ecologically-validated GBR-wide indicator for water quality: drivers, thresholds and cumulative risks, Australian Institute of Marine Science, University of Queensland, James Cook University, Katrina Fabricius, 2016-2018, Partner Institution(s): National Environmental Science Programme (NESP)

Eastern Indian Ocean upwelling research initiative, Commonwealth Scientific Industrial Research Organisation, Yukio Masumoto, Weidong Yu, Raleigh Hood, Ming Feng, 2016-2020, Partner Institution(s): CSIRO, JAMSTEC, State oceanographic Administration of China, University of Maryland

Computer modelling tools for predicting acoustic detection performance of a sea glider, Curtin University, Alexander Gavrilov, 2016-2016, Funding: Defence Science and Technology Group

A unique integrated approach to predicting fisheries recruitment, LP150100064, Moninya Roughan, Andrew Jeffs, G Liggins, Melinda Coleman, 2016-2018

eSA-Marine: Phase I: the first step towards an operational now-cast/forecast model ocean prediction system for Southern Australia (FRDC 2016/005), John Middleton, et al., 2016-2017, Funding: Fisheries Research and Development Corporation

Key-stone microbes and planktonic guilds in the Australian ocean, University of Technology Sydney, Mark Brown, Justin Seymour, Martin Ostrowski, J Fuhrman, Murray Levine, R Edwards, Lev Bodrossy, Partner Institution(s): DP170101925, Funding: ARC Discovery Project

Mesoscale processes in the East Australian Current, Eduardo Vitarelli

Increasing participation in ocean science through data visualization, University of Sydney, M Doblin, K Sweetapple, J Lorber-Kasunic, Funding: Department of Industry, Innovation, Science, Research and Tertiary Education

AIMS Bleaching response 201, Australian Institute of Marine Science, Line Bay, Neal Cantin, Katrina Fabricius, Craig Steinberg, 2017-2018

Great Barrier Reef resilience mapping, Commonwealth Scientific Industrial Research Organisation, Mark Baird, Scott Condie, 2017-2018, Partner Institution(s): AIMS, UQ, Funding: Great Barrier Reef Foundation

Integrating biogeochemical modelling and ocean colour observations to quantify human impacts on water quality in the coastal ocean. CSIRO OCE postdoctoral fellowship, Commonwealth Scientific Industrial Research Organisation, Mark Baird, Emlyn Jones, Richard Matear, Thomas Schroeder, Funding: CSIRO

NESP Tropical Water Quality Hub, Project 3.2.5 – Testing and implementation of the water quality metric for the 2017 and 2018 reef report cards, Great Barrier Reef Marine Park Authority, Britta Schaffelke, Mark Baird, 2017-2017, Funding: Department of Energy and Environment, National Environmental Science Program (NESP), CSIRO, Australian Institute of Marine Science, Queensland Government - Office of the Great Barrier Reef

NESP Tropical Water Quality Hub Project 3.2.1 – Deriving ecologically relevant load targets to meet desired ecosystem condition for the Great Barrier Reef: a case study for seagrass meadows in the Burdekin region, James Cook University, M Collier, Mark Baird, 2017-2019, Partner Institution(s): UQ, JCU, AIMS, Funding: National Environmental Science Program (NESP)

NESP TWQ - Project 3.3.3 - Defining the values of the ecological systems that influence the GBR and lie outside the marine park and world heritage area boundaries, James Cook University, Johanna Johnson, Funding: James Cook University, University of Queensland, Australian Institute of Marine Science, National Environmental Science Program (NESP)

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Postgraduate Research Projects

Doctor of Philosophy (PhD), Wind forced changes and variability in the East Australia Current, University of Tasmania, Commonwealth Scientific Industrial Research Organisation; Katy Hill, 2005-2009, Supervisor(s): Steve Rintoul, Ken Ridgway, Richard Coleman

Doctor of Philosophy (PhD), The sub-surface circulation of the Coral Sea and Great Barrier Reef, James Cook University; Severine Choukroun, 2005-2012, Supervisor(s): Peter Ridd, Richard Brinkman; Partner Institution(s): AIMS@JCU

Doctor of Philosophy (PhD), Ocean dynamics of Spencer Gulf: a numerical study, University of New South Wales, South Australian Research and Development Institute; Carlos Teixeira, 2006-2010, Supervisor(s): John Middleton

Doctor of Philosophy (PhD), Oceanographic forcing of phytoplankton dynamics in the waters off North Western Australia, University of Western Australia; Cecile Rousseaux, 2007-2011, Supervisor(s): Anya Waite, Peter Thompson, Ryan Lowe

Doctor of Philosophy (PhD), Impact of physical forcings (upwelling/downwelling) and nutrients availability on the space-time dynamics of picophytoplankton communities, Flinders University; Virginie van Dongen-Vogels, 2008-2011, Supervisor(s): Laurent Seuront, Sophie Leterme, Justin Seymour, Jim Mitchell

Doctor of Philosophy (PhD), An operational circulation forecast system for Jervis Bay, NSW, Australian Defence Force Academy; Donghui Jiang, 2008-2016, Supervisor(s): Xiao Hua Wang

Doctor of Philosophy (PhD), Seasonal variability in continental shelf circulation adjacent to a western boundary current, University of New South Wales; Julie Wood, 2008-2013, Supervisor(s): Moninya Roughan, Peter Tate

Doctor of Philosophy (PhD), Population specific spatiotemporal dynamics of viral and microbial communities in South Australian continental shelf waters: impact of coastal upwelling and hydro-climatic forcing, Flinders University; James Patterson, 2008-2012, Supervisor(s): Laurent Seuront, Jim Mitchell

Doctor of Philosophy (PhD), Physical processes along the Rottneest continental shelf, University of Western Australia; Thisara Welhena, 2009-2013, Supervisor(s): Charitha Pattiaratchi, Ming Feng; Partner Institution(s): CSIRO; Funding: Western Australian Marine Science Institution, University of Western Australia

Masters degree, Composition and dynamics of phytoplankton communities along the continental shelf of South Australia, Flinders University, University of Pierre and Marie Curie; K Nedoncelle, Supervisor(s): Sophie Leterme

Doctor of Philosophy (PhD), ROMS Modelling of WCE motivated by glider mission, University of New South Wales; Helen MacDonald, 2009-2012, Supervisor(s): Moninya Roughan, John Wilkin, Mark Baird

Doctor of Philosophy (PhD), Water mass analyses and connectivity along Australia's southern shelves, Australian National University, South Australian Research and Development Institute; Laura Richardson, 2009-2014, Supervisor(s): John Middleton, Brad Opdyke

Doctor of Philosophy (PhD), Implications of climate change for the oceanography of the Great Barrier Reef ecosystem, University of Queensland; Ana Redondo-Rodriguez, Supervisor(s): Scarla Weeks, Janice Lough, Ray Berkelmans; Partner Institution(s): AIMS

Doctor of Philosophy (PhD), Hydrodynamic modelling and larval transport in reef systems, James Cook University; Paulina Cetina-Heredia, Supervisor(s): Sean Connelly, Peter Ridd, Richard Brinkman

Doctor of Philosophy (PhD), The dynamics of the Ningaloo current system, University of Western Australia; Jiangtao Xu, 2010-2013, Supervisor(s): Gregory Ivey, Ryan Lowe, Charitha Pattiaratchi

Masters degree, Acoustic identification and tracking of marine megafauna, Curtin University, Chalmers University of Technology; Benjamin Trimoreau, 2010-2011, Supervisor(s): Rob McCauley, Alexander Gavrilov, Chandra Salgado Kent

Doctor of Philosophy (PhD), Phytoplankton diversity in coastal waters of New South Wales, Australia, Macquarie University; Penny Ajani, Supervisor(s): Leanne Armand, Michael Gillings, Shauna Murray

Honours degree, Satellite detection of current driven upwelling and in-situ detection of wind driven upwelling at Myrmidon Reef, James Cook University; Clair Stark, 2010-2011, Supervisor(s): Peter Ridd; Funding: James Cook University

Honours degree, Impact of upwelling events on the phytoplankton communities off the South Australian continental shelf, Flinders University; Nathavong Navong, Supervisor(s): Sophie Leterme

Masters degree, Effect of predation on benthic communities on a coastal, offshore artificial reef, University of New South Wales; Shinjiro Ushiyama, Supervisor(s): Emma Johnston, Iain Suthers; Funding: ARC Linkage Project, Department of Primary Industries, NSW

Honours degree, Correcting oceanographic estimates of chlorophyll distribution: why do coastal phytoplankton form sub-surface chlorophyll maxima?, University of Technology Sydney; Charlotte Robinson, 2011-2011, Supervisor(s): M Doblin, Peter Ralph

Doctor of Philosophy (PhD), The biology and ecology of an important large bodied temperate neritic predator, the bronze whaler (*Carcharhinus brachyurus*) in South Australia's coastal waters, Flinders University, South Australian Research and Development Institute; Michael Drew, 2011-2017, Supervisor(s): Charlie Huveneers, Mark Meekan, Paul Rogers; Partner Institution(s): SARDI – Aquatic Sciences, AIMS, PIRSA

Doctor of Philosophy (PhD), Phytoplankton characterisation of the Coffs Harbour region, Eastern Australia, with special emphasis on changing biogeochemical parameters due to global warming, Macquarie University; Linda Armbricht, Supervisor(s): Amandine Schaeffer, Moninya Roughan, David Raftos

Honours degree, Zooplankton in the Tasman Sea, University of Tasmania; Briony Hutton, 2011-2012, Supervisor(s): Kerrie Swadling, Rudy Kloser; Partner Institution(s): IMAS, CSIRO

Doctor of Philosophy (PhD), Modelling the tide and sediment dynamics in Darwin Harbour, Northern Territory, Australia, Australian Defence Force Academy; Li Li, 2011-2014, Supervisor(s): Xiao Hua Wang, David Williams; Partner Institution(s): ADFA, AIMS, ARC; Funding: ADFA, ARC

Doctor of Philosophy (PhD), Zoogeography and ecology of Euphausiids (krill) in the Indian Ocean, Murdoch University; Alicia Sutton, 2012-2015, Supervisor(s): Lynnath Beckley; Partner Institution(s): Murdoch University; Funding: Australian Postgraduate Award

Doctor of Philosophy (PhD), Dynamics of nitrogen fixation in Australia's marine environment, University of Technology Sydney; Lauren Messer, 2012-2016, Supervisor(s): Justin Seymour, Mark Brown

Doctor of Philosophy (PhD), Optical partitioning of phytoplankton niches and implication for carbon cycling, University of Technology Sydney; Charlotte Robinson, 2012-2015, Supervisor(s): M Doblin, Peter Ralph, Nagur Cherukuru

Degree - Other, 3rd year project - Seasonal and inter-annual variation in profiling CTD/FLNTU castes at the Maria Island National Reference Station, University of Tasmania; Anne Ford, 2012-2012, Supervisor(s): Tim Lynch, Kerrie Swadling; Partner Institution(s): UTas; Funding: CSIRO

Doctor of Philosophy (PhD), Acoustics: a tool to reveal the behaviour of the blue whale, University of New South Wales; Naysa Balcazar, 2012-2014, Supervisor(s): Tracey Rogers

Doctor of Philosophy (PhD), Biogeography of photoheterotrophic bacteria in the Australian marine environment, University of Technology Sydney; Jaime Bibiloni-Isaksson, 2012-2016, Supervisor(s): Justin Seymour, Mark Brown

Honours degree, Zooplankton in Recherche Bay and relationship to oceanographic drivers, University of Tasmania; Lucy Quayle, 2012-2012, Supervisor(s): Kerrie Swadling

Doctor of Philosophy (PhD), The physical and biological variability along the Rottneest continental shelf, University of Western Australia; Miaoju Chen, 2013-2017, Supervisor(s): Charitha Pattiaratchi, Anas Ghadouani, Christine Hanson; Funding: IPRS Scholarship

Doctor of Philosophy (PhD), Surface gravity waves and circulation on the Rottneest continental shelf, Western Australia, University of Western Australia; Moritz Wandres, 2013-2017, Supervisor(s): Charitha Pattiaratchi, Sarath Wijeratne

Honours degree, CO2 System variability at the Maria Island National Reference Station, University of Tasmania; Jane Moran, Supervisor(s): Zanna Chase, Katherine Jones, Bronte Tilbrook

Doctor of Philosophy (PhD), Modelling estuarine shelf exchange flow off Sydney, University of New South Wales; Nina Ribbat, 2013-2018, Supervisor(s): Moninya Roughan, Brain Powell, Iain Suthers

Honours degree, Seasonal variability of internal waves as seen in IMOS mooring data, University of New South Wales; Matthew Bell, 2013-2013, Supervisor(s): Robin Robertson, Janet Sprintall; Funding: Royal Australian Navy

Honours degree, Internal wave and mixing fields off the NSW coast, University of New South Wales; Daniel Boettger, 2013-2014, Supervisor(s): Robin Robertson, Janet Sprintall; Funding: Royal Australian Navy

Honours degree, Modelling the distribution of kelp in a vertically structured subtropical water column, University of Queensland; Maxime Marin, 2013-2013, Supervisor(s): Russ Babcock

Honours degree, Understanding effects of climate change on Australian phytoplankton communities, University of Queensland; Alex Coughlan, Supervisor(s): Anthony Richardson, Scarla Weeks, Gustaaf Hallegraeff; Partner Institution(s): University of Tasmania

Honours degree, Drivers of Eastern Australia zooplankton community composition: emphasis on the distribution patterns at Maria Island, University of Tasmania; Paige Kelly, 2013-2014, Supervisor(s): L Clementson, Kerrie Swadling

Doctor of Philosophy (PhD), Shallow water soundscapes, Curtin University; Jamie McWilliam, 2013-2016, Supervisor(s): Rob McCauley, Christine Erbe, Euan Harvey, Miles Parsons; Funding: Curtin International Postgraduate Research Scholarship (CIPRS)

Doctor of Philosophy (PhD), Prediction of upwelling in Southern Australian waters: model validation, data assimilation and array design, South Australian Research and Development Institute, University of Tasmania, Commonwealth Scientific Industrial Research Organisation; Hugo Baston de Oliveira, 2013-2017, Supervisor(s): John Middleton, John Luick, Peter Oke, Richard Coleman; Partner Institution(s): CSIRO, SARDI, UTAS; Funding: CNPq - Brazilian National Council for Scientific and Technological Research

Honours degree, Can size be used to characterise community structure?, University of Queensland; Amelia Armstrong, 2013-2013, Supervisor(s): Anthony Richardson, Scarla Weeks; Partner Institution(s): CSIRO; Funding: University of Queensland

Doctor of Philosophy (PhD), Diatom sedimentation and ecological seasonality as observed through sediment-trap studies in the Southern Ocean and New Zealand, Macquarie University; Jessica Wilks, 2013-2018, Supervisor(s): Leanne Armand, Glenn Brock

Doctor of Philosophy (PhD), Influence of phytoplankton cell size on biogeochemical cycling of carbon and nitrogen, University of Technology Sydney; Marco Alvarez Rodriguez, 2014-2018, Supervisor(s): M Doblin, Peter Ralph

Doctor of Philosophy (PhD), Physical oceanographic processes affecting spanner crab (*Ranina ranina*) catchability, Griffith University; David Spencer, 2014-2018, Supervisor(s): Charles Lemkert, Shing Lee, Ian Brown

Degree - Other, Observations of internal tides in Eastern Australian waters in SOOP XBT, ARGO float, and glider data, University of New South Wales; Daniel Boettger, 2014-2016, Supervisor(s): Robin Robertson

Doctor of Philosophy (PhD), Ocean dynamics of Gulf St Vincent, University of Adelaide, South Australian Research and Development Institute; Henry Ellis, 2014-2017, Supervisor(s): John Middleton, John Luick, Trent Mattner

Doctor of Philosophy (PhD), Using next-generation multi-spectral FRRf to improve current estimates of marine primary productivity (MPP) within Australian waters, University of Technology Sydney; David Hughes, 2014-2017, Supervisor(s): D Suggett, M Doblin

Doctor of Philosophy (PhD), The study of seasonal variability of currents (particularly Holloway current) along the North-West shelf of Australia, University of Western Australia; Mohammed Hadi Bahmanpour, 2014-2017, Supervisor(s): Charitha Pattiaratchi; Funding: SIRF Scholarship

Doctor of Philosophy (PhD), Working towards understanding the calling behaviour of the eastern Indian Ocean Pygmy Blue Whales, and how their calling can be used to census the population, Curtin University; Crystal Beckman, 2014-2020, Supervisor(s): Alexander Gavrilov, Rob McCauley

Doctor of Philosophy (PhD), Evaluating the role of inertial and tidal internal wave dynamics on a narrow continental shelf: an assessment of the dominant physical dynamics influencing the nutrient energy budget, University of Western Australia; Tamara Schlosser, 2015-2019, Supervisor(s): Nicole Jones, Cynthia Bluteau, Gregory Ivey, Andrew Lucas

Doctor of Philosophy (PhD), Modulation of internal waves by the East Australian Current, University of New South Wales; Eduardo Vitarelli, Supervisor(s): Moninya Roughan

Doctor of Philosophy (PhD), Improving zooplankton realism in size spectrum models: implications for energy flow in food webs and fisheries production, University of Queensland; Ryan Heneghan, 2015-2018, Supervisor(s): Anthony Richardson, Hugh Possingham

Masters degree, Influence of oceanographic conditions on coastal zooplankton assemblages at three IMOS National Reference Stations in Western Australia, Murdoch University; Erin McCosker, 2015-2016, Supervisor(s): Lynnath Beckley, Claire Davies

Doctor of Philosophy (PhD), The biogeochemistry of East Australian Current eddies, University of New South Wales; Carlos Rocha, 2015-2017, Supervisor(s): Moninya Roughan

Masters degree, Intra-annual shelf current variability off Northwest WA, University Pierre and Marie Curie; Maxime Marin, 2016-2016, Supervisor(s): Ming Feng; Partner Institution(s): CSIRO; Funding: NCB

Doctor of Philosophy (PhD), Using autonomous ocean gliders to explore subsurface phytoplankton distributions in Eastern Australian shelf waters, University of Technology Sydney; Adeline Soler, Supervisor(s): M Doblin

Doctor of Philosophy (PhD), Overturning circulation of the Indian Ocean, Ocean University of China; Jie Ma, 2016-2018, Supervisor(s): Ming Feng; Funding: China Scholarship Council

Doctor of Philosophy (PhD), Southern right whale vocalisations, distribution and movement patterns in Southern Australian waters, Curtin University; Rhianne Ward, 2016-2019, Supervisor(s): Rob McCauley, Iain Parnum, Alexander Gavrillov; Funding: Curtin University

Honours degree, Using acoustics (ADCP and passive acoustics) to investigate biological activity in the Perth Canyon, Curtin University; Lauren Hawkins, 2016-2016, Supervisor(s): Ben Saunders, Iain Parnum, Rob McCauley; Funding: Curtin University

Doctor of Philosophy (PhD), Use of distance sampling and sonobuoy data to estimate abundance of baleen whales, Curtin University; Tamara Al-Hashimi, 2016-2020, Supervisor(s): Rob McCauley, Curt Jenner, Chandra Salgado Kent; Funding: Curtin University

Doctor of Philosophy (PhD), Microbial oceanography of Australian coastal waters, University of Tasmania, Commonwealth Scientific Industrial Research Organisation; Kirianne Goossen, 2016-2019, Supervisor(s): Lev Bodrossy, Jodie Van De Kamp, Mark Brown

Doctor of Philosophy (PhD), Grazing and viral impacts on marine food webs, Macquarie University; Amanda Focardi, 2016-2019, Supervisor(s): Ian Paulsen, Martin Ostrowski

Masters degree, Molecular mechanisms of nutrient uptake in marine microbial ecosystems, Macquarie University; Andrew McLeish, 2016-2017, Supervisor(s): Bhumika Shah, Martin Ostrowski

Doctor of Philosophy (PhD), Demersal fish surveys from small form factor AUVs, University of Sydney; Kim Aarestrup, 2016-2019, Supervisor(s): Stefan Williams, Oscar Pizarro

Doctor of Philosophy (PhD), Passive acoustic survey of two Australian populations of humpback whales during one breeding season in 2013, Curtin University; Carrie Skorcz, 2017-2020, Supervisor(s): Rob McCauley

Doctor of Philosophy (PhD), DMSP cycling dynamics in the Australian marine environment, University of Technology Sydney; Jame O'Brien, 2017-2019, Supervisor(s): Katherina Petrou, Justin Seymour; Funding: ARC

Doctor of Philosophy (PhD), Sperm whales in Australian waters, Curtin University; Chris Johnson, Supervisor(s): Rob McCauley, Christine Erbe; Partner Institution(s): World Wildlife Fund

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Book Chapters

Roughan, M, Suthers, I, Meyers, G 2010, The Australian Integrated Marine Observing System and the regional implementation in New South Wales, in Y You, A Henderson-Sellers (eds.), *Climate Alert: Climate Change Monitoring and Strategy*, Sydney University Press, Sydney, pp.299-312

Ganachaud, AS, Sen Gupta, AS, Orr, JC, Wijffels, S, Ridgway, K, Hemer, MA, Maes, C, Steinberg, C, Tribollet, AD, Qiu, B, Kruger, J 2010, Observed and Expected Changes to the Pacific Ocean, in JD Bell (eds.), *Vulnerability of Fisheries and Aquaculture in the Pacific to Climate Change*

Ganachaud, AS, Sen Gupta, AS, Orr, JC, Wijffels, S, Ridgway, K, Hemer, MA, Maes, C, Steinberg, C, Tribollet, AD, Qiu, B, Kruger, J 2011, Observed and expected changes to the tropical Pacific Ocean, in JD Bell, J Johnson, A Hobday (eds.), *Vulnerability of Tropical Pacific Fisheries and Aquaculture to Climate Change*

Gillanders, B, Elsdon, T, Roughan, M 2012, Functioning of estuaries and coastal ecosystems, in E Wolanski (eds.), Treatise on estuarine and coastal science, Elsevier

Wang, XH, Andutta, FP 2013, Sediment transport dynamics in ports, estuaries and other coastal environments, in AJ Manning (eds.), Sediment Transport Processes and their Modelling Applications, InTech, pp.3-36

Andutta, FP, Wang, XH, Li, L, Williams, DK 2013, Hydrodynamics and sediment transport in a macro-tidal estuary: Darwin Harbour, Australia, in E Wolanski (eds.), Estuaries of Australia in 2050 and beyond, Springer, pp.111-129

van Ruth, P 2014, Plankton in Spencer Gulf, in S Shephard, SM Madigan, B Gillanders, S Murray-Jones, D Wiltshire (eds.), Natural History of Spencer Gulf, Royal Society of South Australia Inc, Adelaide, pp.171-180

Roughan, M, Schaeffer, A, Suthers, I 2015, Sustained ocean observing along the coast of southeastern Australia: NSW-IMOS 2007-2014, in Y Lui, H Kerling, R Weisberg (eds.), Coastal ocean observing systems, 1st Ed., Academic Press

Roughan, M, Schaeffer, A, Suthers, I 2015, Sustained ocean observing along the coast of southeastern Australia: NSW-IMOS 2007-2015, in Y Liu, H Kerkerling, R Weisberg (eds.), Coastal Ocean Observing Systems, Elsevier, pp.76-98

Hallegraeff, GM, Richardson, A, Coughlan, A 2017, Marine Phytoplankton Bioregions in Australian Seas, in MC Ebach (eds.), Handbook of Australasian Biogeography, CRC Press

Book Chapters 10

Community White Papers / Technical Papers

Brainard, RE, Bainbridge, S, Brinkman, R, Eakin, CM, Field, M, Gattuso, J-P, Gledhill, D, Gramer, L, Hendee, J, Hoeke, RK, Holbrook, SJ, Hoegh-Guldberg, O, Lammers, M, Manzello, D, McManus, M, Moffitt, R, Monaco, M, Morgan, JA, Obura, D, Planes, S, Schmitt, RJ, Steinberg, C, Sweatman, H, Vetter, OJ, Wong, KB, Wilkinson, C; 2010, An International Network of Coral Reef Ecosystem Observing Systems (I-CREOS), Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol 2), Venice, Italy, September 2009, ESA Publication WPP-306, doi:10.5270/OceanObs09.cwp.09

SPICE, Community; 2011, Naming a Western boundary current from Australia to the Solomon Sea, CLIVAR Newsletter Exchanges

Dushaw, BD, Whitlow, A, 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, T, 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, Wunsch, C; 2011, A global acoustic observing network, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol 2), Venice, Italy, September 2009, ESA Publication WPP-306, doi:10.5270/OceanObs09.cwp.25

Johnston, E, Booth, D, Doblin, MA, Figueria, W, Marzinelli, EM, Pritchard, T, Roughan, M, Steinberg, P; 2013, Living Harbour. Dynamic science: a systematic review of the science of Sydney Harbour, Comments: Sydney Institute of Marine Science, Sydney, Australia

Bittig, H, et. al.; 2015, SCOR WG 142: Quality Control Procedures for Oxygen and Other Biogeochemical Sensors on Floats and Gliders. Recommendation for oxygen measurements from Argo floats, implementation of in-air-measurement routine to assure highest long-term accuracy, doi:10.13155/45917

Tilbrook, B, Matear, R, Antoine, D, Bowie, AR, Brown, MV, Byrne, M, Hardman-Mountford, NJ, Howard, WR, Lenton, A, et, al.; 2015, Ocean biogeochemistry (inc. carbon cycle, ocean acidification, marine chemistry), Comments: Community white paper for National Marine Science Plan

Rudnick, D, Lee, C, et, al.; 2016, OceanGliders Boundary Ocean Observing Network

Bryars, S; 2016, Baseline reports for S.A. marine parks, Comments: <https://data.environment.sa.gov.au/Coast-and-Marine/Coast-Marine-Management/Pages/Marine-Parks.aspx>

Erbe, C; 2016, The effects of noise on aquatic life: AMSA Bulletin, Australian Marine Sciences Association, Campbelltown

Feng, M, Phillips, H, Beal, L; 2017, Draft IndOOS review Chapter 9: Oceanic fluxes: Indonesian Throughflow and ocean boundary currents

Lengaigne, M, Feng, M, et, al.; 2017, Draft IndOOS review Chapter 4: Extreme events

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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

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, 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

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

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, 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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Conference Proceedings 23

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Grammer, G, Morrongiello, J, Izzo, C, Hawthorne, P, Middleton, J, Gillanders, B 2017, Coupling biogeochemical tracers with fish growth reveals physiological and environmental controls on otolith chemistry, Ecological Monographs

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Middleton, J, Bye, JAT 2007, A review of the shelf-slope circulation along Australia's southern shelves: Cape Leeuwin to Portland, Progress in Oceanography, vol. 75, no. 1, pp. 1-41, doi:10.1016/j.pocean.2007.07.001

Steinberg, C, McLean, CM, McAllister, F, Choukroun, S, Brinkman, GW 2008, The development of a Great Barrier Reef ocean observing system to monitor the Western Boundary Currents of the Coral Sea and impacts on the Great Barrier Reef, EOS Transactions, vol. 89, no. 23, Abstract OS44A-01

Brinkman, R, Steinberg, C, Bird, J 2008, Physical oceanography and the corals of Scott Reef - patterns of disturbance and dynamics of recovery, EOS Transactions, vol. 89, no. 23

Steinberg, C, Andrefouet, S, Brinkman, R, Choukroun, S, Heron, SF, Herzfeld, M, Skirving, WJ, Weeks, S 2008, The physical oceanography of Heron Island, Great Barrier Reef, EOS Transactions, vol. 89, no. 23, Abstract OS52A-04

Steinberg, C, McAllister, F, McLean, CM, Brinkman, GW, Pitcher, C, Luetchford, J, Rigby, P 2009, The Great Barrier Reef Ocean Observing System mooring array: monitoring the western boundary currents of the Coral Sea and impacts on the Great Barrier Reef, EOS Transactions, vol. 90, no. 22, OS32A-06

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Ling, S, Johnson, C, Frusher, SD, Ridgway, K 2009, Overfishing reduces resilience of kelp beds to climate-driven catastrophic phase shift, Proceedings of the National Academy of Sciences of the United States of America, vol. 106, no. 52, pp. 22341-22345, doi:10.1073/pnas.0907529106

Feng, M, Waite, A, Thompson, P 2009, Climate variability and ocean production in the Leeuwin Current system off the west coast of Western Australia, Journal of the Royal Society of Western Australia, vol. 92, pp. 67-81

Bainbridge, S, Steinberg, C, Heron, M 2010, Integrating observations: an example from the Great Barrier Reef, lessons from the reef on why integration matters and why achieving integration is harder than it looks, Sea Technology, vol. 51, no. 8, pp. 33-38

Katsumata, K, Wijffels, S, Steinberg, C, Brinkman, R 2010, Variability of the semidiurnal tides observed on the Timor Shelf, Journal of Geophysical Research - Oceans, vol. 115, doi:10.1029/2009JC006071

Berkelmans, R, Weeks, S, Steinberg, C 2010, Upwelling linked to warm summers and bleaching on the Great Barrier Reef, Limnology and Oceanography, vol. 55, no. 6, pp. 2634-2644, doi:10.4319/10.2010.55.6.2634.

Heron, SF, Steinberg, C, Heron, M, Mantovanelli, A, Jaffres, JBD, Skirving, WJ, McAllister, F, Bainbridge, S 2010, Advancing ocean monitoring near coral reefs, EOS American Geophysical Union, vol. 91, no. 41, doi:doi:10.1029/2010EO410001

Roughan, M, Morris, BD, Suthers, I 2010, NSW-IMOS: An Integrated Marine Observing System for southeastern Australia, IOP Conference Series: Earth and Environmental Science, vol. 11, no. 1, doi:10.1088/1755-1315/11/1/012030

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MERMAID (MERis MATchup In-situ Database), (2002 - 2013) Satellite Products. <http://earth.esa.int/cgi-bin/confm8.pl?abstract=181>

Operational Sea Surface Temperature and Sea-Ice Analysis (OSTIA), (2006 - 2029) In Situ Gridded. <http://podaac.jpl.nasa.gov/dataset/UKMO-L4HRfnd-GLOB-OSTIA>

Data Products 10

Public Seminars

Allen, S; The Australian National Mooring Network; University of Western Australia Seminar, 23/02/2007 - 23/02/2007, University of Western Australia, Perth, Presenter(s): Simon Allen

Pattiaratchi, C; Oceanic oscillations and the climate of Western Australia; Water Corporation Seminar, 15/05/2008 - 15/05/2008, Perth, Presenter(s): Charitha Pattiaratchi

Tilbrook, B; Ocean acidification in Australian regional seas and the Southern Ocean; 10th GHRSSST Science Team Meeting, 01/06/2009 - 01/06/2009, Santa Rosa, Presenter(s): Bronte Tilbrook

Pattiaratchi, C; Operational oceanography: some examples from Sri Lanka and South-Western Australia; School of Environmental Systems Engineering Seminar, 27/08/2009 - 27/08/2009, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Physical oceanography of Perth coastal waters; CSIRO Marine and Atmospheric Research Seminar, 19/11/2009 - 19/11/2009, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Charitha Pattiaratchi

Lynch, T; Functions of the Australian National Reference Stations; CSIRO Marine and Atmospheric Research Seminar, 30/07/2010 - 30/07/2010, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Tim Lynch

Lynch, T; Functions of the Australian National Reference Stations; CSIRO Marine and Atmospheric Research Seminar, 04/08/2010 - 04/08/2010, Commonwealth Scientific Industrial Research Organisation, Brisbane, Presenter(s): Tim Lynch

Lynch, T; Functions the Australian National Reference Stations; CSIRO Marine and Atmospheric Research Seminar, 08/09/2010 - 08/09/2010, Commonwealth Scientific Industrial Research Organisation, Perth, Presenter(s): Tim Lynch

Lynch, T; Overview of CSIRO moorings; CSIRO Marine and Atmospheric Research Seminar, 26/11/2010 - 26/11/2010, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Tim Lynch

Feng, M; Multi-decadal trends of ocean circulation in the southeast Indian Ocean; UNSW Seminar, 19/04/2011 - 19/04/2011, University of New South Wales, Sydney, Presenter(s): Ming Feng

Feng, M; Leeuwin Current variability and marine heat wave; CSIRO WfO Spotlight on Science, 06/03/2012 - 06/03/2012, Commonwealth Scientific Industrial Research Organisation, Perth, Presenter(s): Ming Feng

Roughan, M; Finding Nemo understanding the oceanic circulation, nutrient enrichment and connectivity along the coast of Eastern Australia; SIMS Presentation, 15/03/2012 - 15/03/2012, Sydney Institute for Marine Science, Sydney, Presenter(s): Moninya Roughan

Roughan, M; Finding Nemo understanding the oceanic circulation and connectivity along the coast of Eastern Australia; Sapphire Coast Marine Discovery Forum, 25/03/2012 - 25/03/2012, Eden, Presenter(s): Moninya Roughan

Feng, M; Tracking passive particle (larvae) movement using a downscaled ocean model; Department of Fisheries Seminar, 20/04/2012 - 20/04/2012, Perth, Presenter(s): Ming Feng

Feng, M; The Leeuwin Current and its interannual and decadal variability; ANU Seminar, 27/04/2012 - 27/04/2012, Australian National University, Canberra, Presenter(s): Ming Feng

Feng, M; The Leeuwin Current, an anomalous eastern boundary current, and its interannual and decadal variability; Bangor University Seminar, 15/05/2012 - 15/05/2012, Bangor University, Bangor, Presenter(s): Ming Feng

Zhong, L, Feng, M; Leeuwin and Capes Current; CSIRO Science Presentation, 08/06/2012 - 08/06/2012, Commonwealth Scientific Industrial Research Organisation, Perth, Presenter(s): Ming Feng, Liejun Zhong

Schaeffer, A, Roughan, M, Morris, BD; Shelf dynamics in the Australian Western Boundary Current system from an Integrated Marine Observing System; Mediterranean Institute of Oceanography (MIO) Public Seminar, 03/09/2012 - 03/09/2012, Toulon, Presenter(s): Amandine Schaeffer

Pattiaratchi, C; Integration of physical, biological and chemical oceanography: a Leeuwin Current experience; Universiti Malaysia Terengganu Seminar, 09/12/2012 - 09/12/2012, Terengganu, Presenter(s): Charitha Pattiaratchi

Rossi, V, Schaeffer, A, Feng, M, Pattiaratchi, C, Galibert, G, Wood, JE, Sudre, J, Roughan, M, Waite, A; Sporadic physical processes driving temperature and nutrient variability in the Coastal ocean: a comparative study over the East and West Australian continental shelves; CCRC/UNSW Seminar, 12/12/2012 - 12/12/2012, University of New South Wales, Sydney, Presenter(s): Vincent Rossi

Pattiaratchi, C; OzROMS: a three-dimensional continental shelf and slope model for Australia; School of Environmental Systems Engineering Seminar, 11/04/2013 - 11/04/2013, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Coastal ocean observations in the Pilbara; Oceans Institute Seminar, 08/05/2013 - 08/05/2013, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Feng, M; Ningaloo Nino; Chinese Academy of Sciences, 10/05/2013 - 10/05/2013, Qingdao, Presenter(s): Ming Feng

Schaeffer, A, Roughan, M, Morris, BD; Understanding the complex roles of alongshore current and wind forcing in driving upwelling in the East Australian Current; Woods Hole Oceanographic Institute Seminar, 03/06/2013 - 03/06/2013, Woods Hole Oceanographic Institute, Woods Hole, Presenter(s): Amandine Schaeffer

Schaeffer, A, Roughan, M, Morris, BD; Coastal observations of cross-shelf ocean dynamics in Eastern Australia: implications for upwelling; Gordon Research Conference, 08/06/2013 - 09/06/2013, Madgwick, Presenter(s): Amandine Schaeffer

Kioroglou, S; Assessing temporal and spatial variability of the temperature and velocity fields at the broader shelf area of New South Wales; UNSW Seminar, 18/06/2013 - 18/06/2013, University of New South Wales, Sydney, Presenter(s): Sotirios Kioroglou

Milburn, S; NSW-IMOS and Oceanography.unsw.edu.au; UNSW Seminar, 18/06/2013 - 18/06/2013, University of New South Wales, Sydney, Presenter(s): Stuart Milburn

Ribbat, N; Estuarine –Shelf Exchange off Sydney, and the impact on circulation around a purpose built offshore Artificial Reef; UNSW Seminar, 18/06/2013 - 18/06/2013, University of New South Wales, Sydney, Presenter(s): Nina Ribbat

Roughan, M; Continental shelf processes off southeastern Australia: new insights from the NSW Integrated Marine Observing System; UNSW Seminar, 18/06/2013 - 18/06/2013, University of New South Wales, Sydney, Presenter(s): Moninya Roughan

Wood, JE; Mean circulation, inter-annual, seasonal and monthly variability on the south east Australian continental shelf ; UNSW Seminar, 18/06/2013 - 18/06/2013, University of New South Wales, Sydney, Presenter(s): Julie Wood

Pattiaratchi, C; Coastal ocean observations in Western Australia; Institute of Oceanography and Fisheries Seminar, 03/10/2013 - 03/10/2013, Split, Presenter(s): Charitha Pattiaratchi

Jones, N; Towards a comprehensive understanding of the internal wave dynamics on the Australian North West Shelf; UWA Seminar, 11/10/2013 - 11/10/2013, Perth, Presenter(s): Nicole Jones

Pattiaratchi, C; Stirring on the inner shelf during tropical cyclone Rusty; Institute of Marine and Coastal Science Seminar, 19/11/2013 - 19/11/2013, Rutgers University, New Brunswick, Presenter(s): Charitha Pattiaratchi

Roughan, M; Cross shelf circulation along the coast of southeastern Australia; Sydney Institute of Marine Science Seminar, 20/03/2014 - 20/03/2014, Sydney, Presenter(s): Moninya Roughan

Suthers, I; Zooplankton eddies and the EAC ; Sydney Institute of Marine Science Seminar, 10/04/2014 - 10/04/2014, Sydney, Presenter(s): Iain Suthers

Schiller, A, Oke, PR, Griffin, DA, Herzfeld, M, Cahill, M, Condie, SA; CSIRO tools and applications in support of environmental monitoring; WAIMOS Seminar, 15/04/2014 - 15/04/2014, Perth, Presenter(s): Andreas Schiller

Roughan, M; The oceanography of southeastern Australia; Eastern China Normal University Seminar, 05/05/2014 - 05/05/2014, Shanghai, Presenter(s): Moninya Roughan

Roughan, M; The oceanography of southeastern Australia; State Ocean Administration, 06/05/2014 - 06/05/2014, Shanghai, Presenter(s): Moninya Roughan

Roughan, M; Continental shelf processes along the coast of southeastern Australia; ISMAR CNR, 08/05/2014 - 09/05/2014, Venice, Presenter(s): Moninya Roughan

van Ruth, P; Marine food webs and plankton classification; Scientists in Schools, 22/05/2014 - 22/05/2014, Adelaide, Presenter(s): Paul van Ruth

van Ruth, P; Lower trophic ecosystem dynamics in Southern Australian waters: Regional characteristics and connectivity in the SAIMOS node region; Deakin University Invited Presentation, 30/06/2014 - 30/06/2014, Deakin University, Melbourne, Presenter(s): Paul van Ruth

Duncan, A, Gavrilov, AS, McCauley, R; Underwater sound and its application to the search for MH370; Rossmoyne Senior high School Public Seminar, 15/07/2014 - 15/07/2014, Perth, Presenter(s): Alec Duncan

Duncan, A, Gavrilov, AS, McCauley, R; Ocean acoustics and the search for missing Malaysian airlines flight MH370 using IMOS and CTBTO passive acoustic listening stations; IMOS Seminar Series, 29/07/2014 - 29/07/2014, Hobart, Presenter(s): Alec Duncan

Roughan, M; Continental shelf processes along the coast of southeastern Australia; International Science Workshop, 19/08/2014 - 20/08/2014, Kona, Presenter(s): Moninya Roughan

Duncan, A; Sounds from the deep: search for MH370; Curtin University Seminar, 20/08/2014 - 20/08/2014, Curtin University, Perth, Presenter(s): Alec Duncan

Pattiaratchi, C; Sub-mesoscale processes along the Rottneest shelf; School of Civil, Environmental and Mining Engineering/Centre for Offshore Foundation Systems seminar, 08/09/2014 - 08/09/2014, Perth, Presenter(s): Charitha Pattiaratchi

Duncan, A, Gavrilov, AS, McCauley, R; Ocean acoustics and the search for MH370; UWA Seminar, 10/09/2014 - 10/09/2014, University of Western Australia, Perth, Presenter(s): Alec Duncan

Duncan, A, Gavrilov, AS, McCauley, R; Ocean acoustics and the search for MH370; JIP seminar, 18/10/2014 - 18/10/2014, Peregian Beach, Presenter(s): Alexander Gavrilov

Roughan, M; Continental shelf processes along the coast of southeastern Australia; Ocean University of China Seminar, 24/10/2014 - 24/10/2014, Ocean University of China, Qingdao, Presenter(s): Moninya Roughan

Pattiaratchi, C; Latest oceanographic understanding relevant to coastal impacts in the south-west; 'Coastal planning and oceanographic research', WAMSI seminar series no. 2, 13/11/2014 - 13/11/2014, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Recent developments in ocean observations and modelling; UWA Energy and Minerals Institute - lunch and learn, 14/11/2014 - 14/11/2014, Perth, Presenter(s): Charitha Pattiaratchi

Pattiaratchi, C; Peddies and critical latitude; Australian Coastal Ocean Radar Network launch, 21/11/2014 - 21/11/2014, Perth, Presenter(s): Charitha Pattiaratchi

Feng, M; Ocean circulation and the marine heatwaves in the south-east Indian Ocean; Chinese Academy of Science Seminar, 05/12/2014 - 05/12/2014, Qingdao, Presenter(s): Ming Feng

Feng, M; Integrated Marine Observing System in Western Australia; Xiamen University Seminar, 12/12/2014 - 12/12/2014, Xiamen, Presenter(s): Ming Feng

Middleton, J, et, al.; Ocean forecast models; SARDI Seminar Series, 25/02/2015 - 25/02/2015, South Australian Research and Development Institute, Adelaide, Presenter(s): John Middleton

Messer, L, et, al.; Spatiotemporal patterns in diazotroph diversity and activity across Australia's oligotrophic coastal ocean; University of Liverpool Invited Seminar, 27/02/2015 - 27/02/2015, University of Liverpool, Liverpool, Presenter(s): Lauren Messer

Doblin, MA; Using advanced bio-optics to observe photosynthetic ocean microbes; SIMS Seminar Series, 09/03/2015 - 09/03/2015, Sydney, Presenter(s): M Doblin

Steinberg, C, Bainbridge, S, Heupel, M, Meekan, MG, Benthuyesen, J, Williams, DK, Brinkman, R; Coastal and Ocean Observing at AIMS; AIMS Science Days, 11/03/2015 - 12/03/2015, Australian Institute of Marine Science, Townsville, Presenter(s): Craig Steinberg

Roughan, M; Continental shelf processes along the coast of southeastern Australia; Sun Yat-Sen University Seminar, 01/04/2015 - 01/04/2015, Sun Yat-Sen University, Guangzhou and Xiamen, Presenter(s): Moninya Roughan

Armbrecht, L; Phytoplankton and oceanography of the Coffs Harbour region, Eastern Australia; Center for Microbial Oceanography: Research and Education Seminar, 01/05/2015 - 01/05/2015, Kona, Presenter(s): Linda Armbrecht

Duncan, A, Gavrilov, AS, McCauley, R; Sounds from the Deep and the Search for MH370; University of the Third Age Seminar, 16/05/2015 - 16/05/2015, Perth, Presenter(s): Alec Duncan

Bailleul, F; In the eyes of the lion... Looking at the behaviour and habitat of Australian Sea Lions and other iconic marine predators in the GAB region; SARDI Seminar Series, 27/05/2015 - 27/05/2015, South Australian Research and Development Institute, Adelaide, Presenter(s): Fred Bailleul

Redondo-Rodriguez, A; Satellite remote sensing data: Access, uses and limitations; SARDI Seminar Series, 27/05/2015 - 27/05/2015, South Australian Research and Development Institute, Adelaide, Presenter(s): Ana Redondo-Rodriguez

Patten, N; Picoplankton and virioplankton in offshore waters of the central Great Australian Bight; SARDI Seminar Series, 24/06/2015 - 24/06/2015, South Australian Research and Development Institute, Adelaide, Presenter(s): Nicole Patten

Seymour, JR; Microbes in the Ocean; SARDI Seminar Series, 24/06/2015 - 24/06/2015, South Australian Research and Development Institute, Adelaide, Presenter(s): Justin Seymour

Erbe, C; The underwater soundscape of the Perth Canyon; Curtin Science Week, 31/08/2015 - 04/09/2015, Perth, Presenter(s): Christine Erbe

McCauley, R; Perth Canyon fish choruses; CMST Curtin Seminar, 15/09/2015 - 15/09/2015, Curtin University, Perth, Presenter(s): Rob McCauley

Erbe, C, Verma, A, McCauley, R, Gavrilov, AS, Parnum, I; The marine soundscape of the Perth Canyon 2008-2014; Australian Acoustical Society, WA Division State Seminar, 15/10/2015 - 15/10/2015, Perth, Presenter(s): Christine Erbe

Roughan, M; Cross shelf processes in the East Australian Current; NIWA Seminar, 17/12/2015 - 17/12/2015, Wellington, Presenter(s): Moninya Roughan

Doblin, MA; Drift in ocean currents impacts thermal exposure of planktonic organisms; Public Seminar Sydney Institute for Marine Science (SIMS), 06/04/2016 - 06/04/2016, Sydney Institute for Marine Science, Sydney, Presenter(s): M Doblin

Roughan, M; The influence of a western boundary current on continental shelf processes along SE Australia; SIMS Public Lecture, 07/04/2016 - 07/04/2016, Sydney Institute for Marine Science, Sydney, Presenter(s): Moninya Roughan

Roughan, M; Observing system design; NIWA Seminar, 16/06/2016 - 16/06/2016, New South Wales Marine Parks Authority, Wellington, Presenter(s): Moninya Roughan

van Ruth, P, Doubell, M; The Southern Australian Integrated Marine Observing System - Data streams, applications and opportunities; The South Australian Southern Rock Lobster Research Advisory Committee Meeting, 01/07/2016 - 01/07/2016, Adelaide, Presenter(s): Paul van Ruth

van Ruth, P; Regional ecosystem monitoring to improve understanding of oyster productivity - Coffin Bay; Coffin Bay Research Forum, 21/09/2016 - 21/09/2016, Coffin Bay, Presenter(s): Paul van Ruth

Messer, L, Seymour, JR, Ostrowski, M, Doblin, MA, Petrou, K, Bissett, A, Van De Kamp, J, Fuhrman, JA, Bodrossy, L, Brown, MV; Microbial tropicalisation of temperate ocean waters driven by a western boundary current; University of Queensland, Genetics and Genomics Seminar Series, 30/09/2016 - 30/09/2016, University of Queensland, Brisbane, Presenter(s): Lauren Messer

McCauley, R; Fish choruses; BBC World Service Radio Interview, 12/10/2016 - 12/10/2016, Perth, Presenter(s): Rob McCauley

Seymour, JR; Swimming in a sea of marine microbes; Australian Society of Microbiology – Goldsworthy Lecture Australian Society of Microbiology – Goldsworthy Lecture , 12/10/2016 - 12/10/2016, Sydney, Presenter(s): Justin Seymour

McCauley, R; The use of passive acoustics to monitor our marine environment; CSIRO Hobart Workshop, 17/10/2016 - 17/10/2016, Hobart, Presenter(s): Rob McCauley

Wood, JE; The circulation on the continental shelf of south eastern Australia from 2009 to 2016; Seminar at National Institute of Oceanography, 07/02/2017 - 07/02/2017, National Institute of Oceanography, Haifa, Presenter(s): Julie Wood

Linnane, A, McLeay, L; Annual rock lobster 2016/17 fishery season report; South Australian Rock Lobster Research Subcommittee (RSC) and South Australian rock lobster Management Advisory Committee (MAC) Meeting, 01/03/2017 - 01/03/2017, Adelaide, Presenter(s): A Linnane

McCauley, R, Parsons, M; Fish calling; Today Tonight, Channel 7, 15/03/2017 - 15/03/2017, Perth, Presenter(s): Rob McCauley, Miles Parsons

Tilbrook, B, Neill, C, Berry, K, et, al.; Future Reef 2.0; Future Reef 2.0, 20/06/2017 - 20/06/2017, Brisbane, Presenter(s): Bronte Tilbrook

Armbrecht, L; Relationship between modern phytoplankton and oceanography in the context of paleo-oceanographic estimates; Micropaleontology Reference Center, Kochi University, Kochi, Presenter(s): Linda Armbrecht

Public Seminars 83

Conferences, Symposia or Workshops

Conference Oral Presentation

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Armbrecht, L; Testing phytoplankton quantification techniques: microscopy and CHEMTAX; Macquarie University Higher Degree Research Conference, 05/11/2013 - 07/11/2013, Macquarie University, Sydney, Presenter(s): Linda Armbrecht

Doubell, M; How much is just right? A model to manage aquaculture; SARDI Aquatic Sciences Open Day Lecture Series, 17/11/2013 - 17/11/2013, South Australian Research and Development Institute, Adelaide, Presenter(s): Mark Doubell

van Ruth, P, Doubell, M; Bottom-up regulation of primary productivity in a seasonally flushed inverse estuary; Australasian Society for Phycology and Aquatic Botany Annual Conference, 27/11/2013 - 27/11/2013, Sydney, Presenter(s): Paul van Ruth

McCauley, R, Jenner, C, Gedamke, J, Gavrilov, AS, Salgado Kent, C; The blue whale species complex in Australian waters based on passive acoustics; Marine Mammal Society Conference, 09/12/2013 - 13/12/2013, Otago University, Dunedin, Presenter(s): Rob McCauley

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M; Transport and separation in the East Australian Current: inter-annual variability, trend, and implications for advection of propagules; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Paulina Cetina-Heredia

Feng, M; Shelf temperature observations off Rottneest, Western Australia since 1950; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Ming Feng

Jones, K, Strutton, P, Furnas, M; Enhanced biological production from ephemeral events in an oligotrophic coastal system ; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Katherine Jones

Mantovanelli, A, Roughan, M, Keating, S, Wyatt, LR, Schaeffer, A; On the complex interactions of the East Australian Current (EAC) and continental shelf waters; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Alessandra Mantovanelli

Marshall, AD; West Australian marine heat waves: variability and dynamics of the Ningaloo Nino; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): A Marshall

Middleton, J, Richardson, L, James, C; The Flinders Current: fact or fiction?; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): John Middleton

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

Steinberg, C; Q-IMOS monitoring of the western boundary currents of the coral sea and Great Barrier Reef exchanges; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Craig Steinberg

Crossing, R, Kondylas, S; Fundamentals of mooring data collection; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): R Crossing

Brinkman, R, Tonin, H, Herzfeld, M, Andrewartha, J, Furnas, M, Schaffelke, B, Fabricius, K; Quantifying the footprint and impact of river inflows into the GBR, and implications for understanding Crown of Thorns Seastar outbreaks - an application of eReefs models and IMOs data; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Richard Brinkman

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M, Feng, M; Larval transport under a climate change scenario in a strengthening western boundary current; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Paulina Cetina-Heredia

MacDonald, HS, Ivey, GN, Jones, N, Lowe, R, Pequignet, C; Cyclone modelling on the Australian North West Shelf; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Helen MacDonald

Mantovanelli, A, Roughan, M, Keating, S, Wyatt, LR, Schaeffer, A; Has the importance of submesoscale fronts been undervalued in coastal areas bordered by the East Australian Current?; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Alessandra Mantovanelli

Schaeffer, A, Roughan, M, Wood, JE; Quantifying Ekman transport and bottom water uplift by a western boundary current: in-situ observations on the Australian continental shelf; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Amandine Schaeffer

Steinberg, C, McAllister, F, Rigby, P, Tonin, H; Q-IMOS monitoring of the western boundary currents of the coral sea and Great Barrier Reef exchanges ; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Craig Steinberg

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

Xu, J, Ivey, GN, Lowe, R, Jones, N, Brinkman, GW, Zhang, Z; Ocean circulation and connectivity along the Ningaloo Shelf, Western Australia; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Jiangtao Xu

MacDonald, HS, Roughan, M, Wilkin, J, Baird, ME; Eddies in the East Australian Current; ROMS/TOMS Workshop, 26/05/2014 - 29/05/2014, Rovinj, Presenter(s): Helen MacDonald

Doubell, M, James, C, van Ruth, P, Luick, J, Middleton, J; Development of a biogeochemical model for Spencer Gulf, South Australia: Application and implications for aquaculture development and sustainability; World Aquaculture Conference, 07/06/2014 - 11/06/2014, Adelaide, Presenter(s): Mark Doubell

Middleton, J, Doubell, M, James, C, Luick, J; A Graphical user interface: a tool for finfish carrying capacity; World Aquaculture Conference, 07/06/2014 - 11/06/2014, Adelaide, Presenter(s): Charles James, John Middleton

Middleton, J, Doubell, M, James, C, Luick, J; Carrying capacity for finfish aquaculture. Part 1&2 - rapid assessment using hydrodynamic and semi-analytical solutions; World Aquaculture Conference, 07/06/2014 - 11/06/2014, Adelaide, Presenter(s): John Middleton

Balcazar, N, Nieukirk, S, Klinck, H, Mellinger, D, Tripovich, J, Dziak, R, Rogers, T; Calls reveal population structure of the elusive blue whale; Eco-acoustics Science Conference; Ecology and acoustics: emergent properties from community to landscape, 16/06/2014 - 18/06/2014, Paris, Presenter(s): Naysa Balcazar

Ajani, P, Murray, S, Hallegraeff, GM, Brett, S, Armand, L; Cryptic and harmful: molecular analysis of algal species causing amnesic shellfish poisoning in Australian waters; 5th Congress of the International Society for Applied Phycology, 22/06/2014 - 27/06/2014, Sydney, Presenter(s): Penny Ajani

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

Brown, MV; Microbial patterns in Australian marine provinces; Australian Society for Microbiology Conference, 06/07/2014 - 09/07/2014, Melbourne, Presenter(s): Mark Brown

Messer, L, Jeffries, TC, Mahaffey, C, Doubell, M, Doblin, MA, Brown, MV, Seymour, JR; Diazotroph dynamics across Australia's oligotrophic oceans; Australian Society for Microbiology Conference, 06/07/2014 - 09/07/2014, Melbourne, Presenter(s): Lauren Messer

Balcazar, N, Tripovich, J, Nieukirk, S, Klinck, H, Mellinger, D, Dziak, R, Rogers, T; Call reveal population structure and behaviour of the elusive blue whale; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Naysa Balcazar

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M, Feng, M; Larval transport and connectivity of marine reserves under a climate change scenario; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Paulina Cetina-Heredia

Clementson, L, Helidoniotis, F, Lynch, T; A systematic approach to providing high quality bio-optical data streams from moored observing systems over broad spatial and temporal scales; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): L Clementson

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

Slawinski, D, Feng, M, Darby, I; West Australian IMOS moorings - a near continuous latitudinal coastal observation network for the South-East Indian Ocean; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Dirk Slawinski

Williams, DK, Patterson, R; Cumulative impacts of industrial development on sediment transport in Darwin Harbour's east arm wharf; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): David Williams

Schaeffer, A, Roughan, M, White, D; Watermass characteristics in the East Australian Current separation zone from repeat autonomous glider deployments; AOGS - Asia Oceania Geosciences Annual Meeting, 28/07/2014 - 04/08/2014, Sapporo, Presenter(s): Amandine Schaeffer

Wood, JE, Roughan, M, Schaeffer, A; Low frequency variability in the circulation on the southeastern Australian continental shelf; AOGS - Asia Oceania Geosciences Annual Meeting, 28/07/2014 - 04/08/2014, Sapporo, Presenter(s): Julie Wood

Brown, MV; Patterns and predictions in Australian marine microbiota; Singapore Interactive Meeting on Microbial Ecology Research, 22/08/2014 - 23/08/2014, Singapore, Presenter(s): Mark Brown

Messer, L, Jeffries, TC, Mahaffey, C, Doubell, M, Doblin, MA, Brown, MV, Seymour, JR; Diazotroph dynamics across Australia's oligotrophic oceans; 15th International Symposium on Microbial Ecology, 24/08/2014 - 29/08/2014, Seoul, Presenter(s): Lauren Messer

Vila-Concejo, A, Harris, D; Morphological stability and sediment transport processes on sand aprons; 88th Australian Coral Reef Society Conference, 27/08/2014 - 29/08/2014, Brisbane, Presenter(s): Ana Vila-Concejo

Henschke, N, Smith, J, Everett, JD, Suthers, I; A density dependent *Thalia democratica* population model ; ICES Annual Science Conference, 15/09/2014 - 19/09/2014, Coruna, Presenter(s): Natasha Henschke

Baird, ME, Wild-Allen, K, Mongin, M, Skerratt, J, Rizwi, F, Robson, B, Jones, EM, Schroeder, T; eReefs biogeochemical model assessment - ocean colour and in situ observations; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Mark Baird

Cetina-Heredia, P, Roughan, M, van Sebille, E, Coleman, M, Feng, M; Past, present and future transport patterns along the east Australian coast and its impact on larval dispersal; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Paulina Cetina-Heredia

Greenwood, J, Craig, P; Modelling the vertical distribution of phytoplankton on the continental shelf; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Jim Greenwood

James, C, Doubell, M, Luick, J, Middleton, J; SWAN model study: Effects of wind forcing temporal resolution on waves in Spencer Gulf; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Charles James

Jones, EM, Baird, ME, Herzfeld, M, Oke, PR, Mongin, M, Parslow, J, King, E, Skerratt, J, Wild-Allen, K, Robson, B, Margvelashvili, N, Andrewartha, J; eReefs data assimilation - from the hydrodynamics to the biogeochemistry; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Emlyn Jones

Middleton, J, Luick, J, James, C, Doubell, M, Bastos de Oliveira, H; Coastal Modelling at the South Australian Research and Development Institute; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): John Middleton

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

Skerratt, J, Baird, ME, Mongin, M, Rizwi, F, Wild-Allen, K; Application of catchment load scenarios for management of coastal ecosystems; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Jenny Skerratt

Strutton, P, Jones, K, Jones, N, Bluteau, C, Pequignet, C, Lowe, R, Ivey, GN, MacDonald, HS; Coupling between ocean physics and biogeochemistry; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Helen MacDonald

Wang, XH, Roughan, M; Estuarine and sediment transport modelling for the World Harbour Project A; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Xiao Hua Wang

Williams, DK, Steinberg, C, Rigby, P, Brinkman, R, Spagnol, S, Patterson, R; Observations and modelling in support of port activities for Darwin Harbour, Northern Territory, Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): David Williams

Robinson, C, Hughes, D, Ralph, P, Suggett, DJ, Cherukuru, N, Doblin, MA; Using multi-colour fast repetition rate fluorometers to discriminate the taxon specific photoacclimation strategies of mixed phytoplankton communities; Ocean Optics XXII, 26/10/2014 - 31/10/2014, Portland, Presenter(s): Charlotte Robinson

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

Harris, D, Vila-Concejo, A, Webster, J; Wave processes on coral reef flats during modal and storm conditions; American Geophysical Union (AGU) Fall Meeting, 15/12/2014 - 19/12/2015, San Fransisco, Presenter(s): Daniel Harris

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

Schaeffer, A, Gramouille, A, Mantovanelli, A, Roughan, M; Submesoscale meanders and frontal eddies along east Australian current observed by HF radars; 47th International Liege Colloquium on Ocean Dynamics Marine Environmental Monitoring, Modelling and Prediction, 04/05/2015 - 08/05/2015, Liege, Presenter(s): Amandine Schaeffer

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

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

Gavrilov, AS, McCauley, R, Charlton, C, Ward, R; Spot calls and its probable source; 3rd Underwater Acoustics Conference and Exhibition, 21/06/2015 - 26/06/2015, Crete, Presenter(s): Alexander Gavrilov

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

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

van Sebille, E, Bull, C, Cetina-Heredia, P, Ypma, S, Roughan, M, England, MH; Variability in the Australian Boundary Currents: connecting the East Australian and Leeuwin Currents; International Union of Geophysics and Geology (IUGG) General Assembly, 22/06/2015 - 02/07/2015, Prague, Presenter(s): Erik van Sebille

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

Butler, E, Williams, DK, Patterson, R; Fluxes of nutrients and suspended solids at the marine boundary of a tropical macrotidal estuary, Darwin Harbour - observations and modelling; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): E Butler

Clementson, L, Lynch, T, Kelly, P, Moore, D, Kay, R; A systematic approach to providing high quality bio-optical data streams from moored observing systems over broad spatial and temporal scales - part II; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): L Clementson

Clementson, L, Lynch, T; Providing high quality chlorophyll-a data streams from moored observing systems over broad spatial and temporal scales - part II; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): L Clementson

Courtney, T, Spillman, CM; Coastal and oceanographic influences on the Queensland (Australia) east coast saucer scallop (*Amusium balloti*) fishery; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Tony Courtney

Eriksen, R, Bonham, P, Coman, F, et, al.; Using plankton data from National Reference Stations in the Australian Integrated Marine Observing System; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Ruth Eriksen

Everett, JD, Smith, J, Suthers, I, Taylor, M; Eastern king prawn dispersal in eastern Australia: new information from particle tracking; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Jason Everett

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

Feng, M, Colberg, F, Slawinski, D, Berry, O, Babcock, R; Ocean circulation, larval retention, and connectivity among coral populations on the Northwest Shelf of Australia; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Ming Feng

Harrison, DE; Phytoplankton class selectivity of oligotrophic phytoplankton assemblages under nutrient enrichment; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): D Harrison

Jones, K, Strutton, P, Jones, N, Pequignet, C, Lowe, R, Book, JW, MacDonald, HS, Furnas, M; Ephemeral biological production in the oligotrophic North West Shelf, Western Australia; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Katherine Jones

Lynch, T, Morello, E, Evans, K, Richardson, A, Rochester, W, et, al.; IMOS National Reference Stations: a continental-wide physical, chemical and biological coastal observing system; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Tim Lynch

Malthus, T; Where next with earth observation of coastal water quality?; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Tim Malthus

Patten, N, van Ruth, P; Picoplankton and virioplankton in offshore waters of the central Great Australian Bight; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Nicole Patten

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

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

Vasile, R, et, al.; Validation of hydrodynamic ocean models using empirical data for the purpose of larval dispersal modelling; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Roxana Vasile

Weeks, S, Canto, M, Jaine, F, Brodie, J, Richardson, A; Unique sequence of events triggers manta ray feeding frenzy in the southern Great Barrier Reef, Australia; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Scarla Weeks

Ajani, P, Hallegraeff, GM, Kohli, G, Murray, S; Population structure of ecologically significant diatoms in south eastern Australia using microsatellite markers; Molecular Life of Diatoms, 07/07/2015 - 10/07/2015, Seattle, Presenter(s): Penny Ajani

Bodrossy, L; Microbial cycling in marine waters around Australia; Applied and Environmental Microbiology Gordon research Conference, 12/07/2015 - 17/07/2015, Massachusetts, Presenter(s): Lev Bodrossy

Baird, ME, Herzfeld, M, Wild-Allen, K, Margvelashvili, N, Skerratt, J, Mongin, M, Jones, EM, Rizwi, F, Robson, B; A coupled hydrodynamic, optical, sediment, biogeochemical model of coastal waters of the Great Barrier Reef: system behaviour and assessment; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Mark Baird

Benthuisen, J, Brinkman, GW, Tonin, H, Steinberg, C; Cool near-bottom intrusions in the Central Great Barrier Reef; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Jessica Benthuisen

Bluteau, C, Jones, N, Ivey, GN; The role of internal wave-driven near-bed turbulent dynamics on mixing and sediment mobilisation in the coastal ocean; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Cynthia Bluteau

Feng, M; Decadal increases of the Ningaloo Nino since mid-1990s; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Ming Feng

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

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

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

Johnson, R; Biogeophysical remote sensing of the Great Barrier Reef; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Robert Johnson

Jones, N, Strutton, P, Lowe, R, Falter, J, Jones, K; Closing the Nutrient Budget on the Australian Northwest Shelf; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Nicole Jones

Pequignet, C, Jones, N, Lowe, R, Ivey, GN, Book, JW, Brinkman, R, Steinberg, C, MacDonald, HS; Subtidal circulation on the Australian North West Shelf: Local versus remote forcing; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Christine Pequignet

Robertson, R, Hartlipp, P; Internal tides off eastern Tasmania and the T-Tide project; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Robin Robertson

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

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

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

Skerratt, J, Baird, ME, Mongin, M, Robson, B, Rizwi, F, Wild-Allen, K; The eReefs marine model suite: tools for better quantifying and understanding the Great Barrier Reef circulation and water quality; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Jenny Skerratt

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

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

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

Ostrowski, M, Mazard, S, Varkey, D, Pitt, F, Scanlan, D, Paulsen, I; Lifestyle choices: Molecular analysis of niche adaptation in marine cyanobacteria; Gordon Conference on Molecular Marine Ecology, 02/08/2015 - 07/08/2015, Hong Kong, Presenter(s): Martin Ostrowski

Everett, JD, Smith, JA, Suthers, I, Taylor, M; Eastern king prawn dispersal in Eastern Australia: new information from particle tracking; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Jason Everett

McCauley, R; Definition of the blue whale species complex and their movements in Australian and Southern Ocean waters; 12th International Congress on Theoretical and Computational Acoustics, 11/10/2015 - 16/10/2015, Hangzhou, Presenter(s): Rob McCauley

McLeay, L, Doubell, M, Dixon, C, Andreacchio, L, James, C, Luick, J, Middleton, J; A biophysical model to assess tradeoffs in larval recruitment and catch in Southern Australia's largest prawn fishery; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Lachlan McLeay

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

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

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

Brown, MV, Bodrossy, L, Van De Kamp, J, Ostrowski, M, Seymour, JR, Bissett, A, Kahlke, T, Fitzgerald, A, Moltmann, T; Molecular time series and species distribution modelling reveal the long-term patterns of unseen organisms; C3 UTS Annual Colloquium on Functional Genetics of Phytoplankton, 26/11/2015 - 27/11/2015, Sydney Institute for Marine Science, Sydney, Presenter(s): Mark Brown

Fitzgerald, A; Bioplatforms Australia marine microbial biodiversity data resource; C3 UTS Annual Colloquium on Functional Genetics of Phytoplankton, 26/11/2015 - 27/11/2015, Sydney Institute for Marine Science, Sydney, Presenter(s): Anna Fitzgerald

Ostrowski, M, Mazard, S, Varkey, D, Pitt, F, Scanlan, D, Paulsen, I; A global perspective on local biogeography; C3 UTS Annual Colloquium on Functional Genetics of Phytoplankton, 26/11/2015 - 27/11/2015, Sydney Institute for Marine Science, Sydney, Presenter(s): Ian Paulsen

Moltmann, T; Australia's Integrated Marine Observing System (IMOS) - a decade of Indian Ocean observing; International Symposium on the Indian Ocean (IIOE-2), 30/11/2015 - 04/12/2015, Goa, Presenter(s): Tim Moltmann

Erbe, C; Listening to the ocean; Science Teachers' Association of Western Australia "Future Science Conference 2015", 04/12/2015 - 04/12/2015, Perth, Presenter(s): Christine Erbe

Keating, S; ACT Stochastic methods for interpolating satellite imagery; ANZIAM annual Conference, 07/02/2016 - 11/02/2016, Canberra, Presenter(s): Shane Keating

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

Ribbat, N; Drivers of variability across the inner shelf off Sydney; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Nina Ribbat

Schaeffer, A; Submesoscale frontal meanders and eddies along the East Australian Current observed by HF Radars; Australian Meteorological and Oceanographic Society (AMOS) Conference, 08/02/2016 - 11/02/2016, Melbourne, Presenter(s): Amandine Schaeffer

Benthuisen, J, Tonin, H, Brinkman, R, Steinberg, C; Cool near-bottom intrusions in the Central Great Barrier Reef; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Jessica Benthuisen

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

Doblin, MA, van Sebille, E; Plastic and evolutionary responses of plankton to environmental change are influenced by drift in ocean currents; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): M Doblin

Schaeffer, A, Mantovanelli, A, Gramouille, A, Roughan, M; Submesoscale frontal meanders and eddies along the East Australian Current observed by HF Radars; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Amandine Schaeffer

Begg, G, Middleton, J, Nayar, S, Doubell, M; SARDI Iceabigraphy: research and capabilities; South Australian Water Presentation, 03/03/2016 - 03/03/2016, Adelaide, Presenter(s): G Begg

Crossing, R; WAIMOS coastal moorings dynamics of ocean sensors; QC Summit, 07/03/2016 - 11/06/2016, Hobart, Presenter(s): R Crossing

van Ruth, P; Regional ecosystem monitoring to improve understanding of oyster productivity; South Australian Natural Resource Management Science Conference, 13/04/2016 - 15/04/2016, Adelaide, Presenter(s): Paul van Ruth

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

Robertson, R; Surface mixing and its implementation in regional ocean models; Japanese Geophysical Union Conference, 23/05/2016 - 25/05/2016, Chiba, Presenter(s): Robin Robertson

Brinkman, R, Tonin, H, Herzfeld, M, Rizwi, F, et. al.; Informing catchment management plans to improve coastal water quality: an application of numerical models and observing systems in the Great Barrier Reef; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Richard Brinkman

Dechnik, B, Webster, J, Nothdurft, L, Webb, GE, et. al.; Successive phases of reef flat development throughout the holocene: influence of hydrodynamic energy and sea-level change on the Great Barrier Reef; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): B Dechnik

Ajani, P, Kohli, G, Darling, AE, Liu, M, Ostrowski, M, Murray, S; Genome variability in the ecologically significant marine diatom *Leptocylindrus* (Bacillariophyta) in a southern hemisphere upwelling system; Society for Conservation Biology Symposium, 04/07/2016 - 10/07/2016, Brisbane, Presenter(s): Penny Ajani

Spencer, D, Brown, IW, Lemkert, C, Lee, SY; Could upwelling be enhancing short-term spanner crab (*Ranina ranina*) catchability?; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): David Spencer

Spillman, CM, Wachenfeld, D, Pearce, A, Pears, R; It's getting hot in here: Monitoring and predicting this summer's bleaching event on the Great Barrier Reef; NZMSS and AMSA Sharing Ocean Resources - Now and in the future, 04/07/2016 - 07/07/2016, Wellington, Presenter(s): Claire Spillman

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

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

Parsons, M, et. al.; Long-term monitoring of soundscapes and deciphering a usable index: Examples of spatio-temporal patterns in fish choruses from Australia as an analogue for a changing soundscape; The Effects of Noise on Aquatic Life, 10/07/2016 - 16/07/2016, Dublin, Presenter(s): Miles Parsons

Ajani, P, Kohli, G, Darling, AE, Liu, M, Ostrowski, M, Murray, S; Genome variability in the ecologically significant marine diatom *Leptocylindrus* (Bacillariophyta) in a southern hemisphere upwelling system; Sydney Bioinformatics Research Symposium, 22/07/2016 - 22/07/2016, University of Sydney, Sydney, Presenter(s): Penny Ajani

Robertson, R, Hartlipp, P; Internal tides off eastern Australia; 13th Annual Meeting, Asia Oceania Geosciences Society (AOGS), 31/07/2016 - 05/08/2016, Beijing, Presenter(s): Robin Robertson

Robertson, R, Hartlipp, P; Wind, tidal and geothermal mixing on the Heard Island Plateau; 13th Annual Meeting, Asia Oceania Geosciences Society (AOGS), 31/07/2016 - 05/08/2016, Beijing, Presenter(s): Robin Robertson

Cahill, M; IMOS OceanCurrent web site; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Madeleine Cahill

Middleton, J; Physics to fisheries: IMOS data enables; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): John Middleton

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

Smith, JA; An evaluation of long-term monitoring of larval fish in eastern Australia; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): James Smith

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

Makarynsky, O, Williams, DK; Assessing fluxes through oceanic boundary of Darwin Harbour; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Oleg Makarynsky

Williams, DK, Smit, N, Siwabessy, PJW; Coastal observing systems in support of harbour operations and water quality management and habitat modelling, Northern Territory, Australia; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): David Williams

Robinson, C, Cherukuru, N, Hardman-Mountford, NJ, Everett, JD, McLaughlin, MJ, Davies, KP, van Dongen-Vogels, V, Ralph, P, Doblin, MA; Phytoplankton absorption predicts patterns in primary productivity in Australian coastal shelf waters; Ocean Optics XXIII Conference, 23/10/2016 - 28/10/2016, Victoria, Presenter(s): Charlotte Robinson

Doblin, MA; Physiological limits of marine microbes revealed by live cell analysis at sea; Australasian Cytometry Society Annual Conference, 30/10/2016 - 02/11/2016, Sydney, Presenter(s): M Doblin

Erbe, C, McCauley, R, Gavrilov, AS, Madhusudhana, S, Verma, A; The underwater soundscape around Australia; Second Australasian Acoustical Societies Conference, 09/11/2016 - 11/11/2016, Brisbane, Presenter(s): Christine Erbe

McPherson, C, et, al.; Examining the value of the acoustic variability index in the characterisation of Australian marine soundscapes; Second Australasian Acoustical Societies Conference, 09/11/2016 - 11/11/2016, Brisbane

Book, JW, Jones, N, Lowe, R, Ivey, GN, et, al.; Propagation of internal tides on the Northwest Australian Shelf studied with time-augmented empirical orthogonal functions; 20th Australasian Fluid Mechanics Conference (AFMC), 05/12/2016 - 08/12/2016, University of Western Australia, Perth, Presenter(s): Jeff Book

Messer, L, Seymour, JR, Ostrowski, M, Bissett, A, Van De Kamp, J, Bodrossy, L, Brown, MV; Using network analysis to determine phytoplankton-bacteria interactions; C3 (Climate Change Cluster) Colloquium 2016 - Algae Bacteria Interactions, 08/12/2016 - 09/12/2016, Sydney, Presenter(s): Lauren Messer

Ostrowski, M, Bodrossy, L, Brown, MV, Van De Kamp, J, Seymour, JR, Bissett, A, Kahlke, T, Goossen, K, Fitzgerald, A, Moltmann, T; A continental-scale genomic observatory: a foundation for discovery and baseline for the next generation of ecosystem molecular tools; C3 (Climate Change Cluster) Colloquium 2016 - Algae Bacteria Interactions, 08/12/2016 - 09/12/2016, Sydney, Presenter(s): Martin Ostrowski

Archer, M, Roughan, M, Keating, S, Schaeffer, A; The East Australian Current, jet structure, meandering, influence on shelf circulation; AMOS/MSNZ Conference and ANZ Climate Forum 2017, 07/02/2017 - 10/02/2017, Canberra, Presenter(s): Matt Archer

Benthuisen, J, Furnas, M, Spagnol, S; Intrusive upwelling in the Central Great Barrier Reef; AMOS/MSNZ Conference and ANZ Climate Forum 2017, 07/02/2017 - 10/02/2017, Canberra, Presenter(s): Jessica Benthuisen

Schaeffer, A, Roughan, M; The depth structure of marine heat waves; AMOS/MSNZ Conference and ANZ Climate Forum 2017, 07/02/2017 - 10/02/2017, Canberra, Presenter(s): Amandine Schaeffer

Steinberg, C, Benthuisen, J, Tonin, H, et, al.; Marine heat wave leading to a mass coral bleaching event on the Great Barrier Reef: from monitoring to modelling; AMOS/MSNZ Conference and ANZ Climate Forum 2017, 07/02/2017 - 10/02/2017, Canberra, Presenter(s): Craig Steinberg

Denham, A, Feng, M, Caputi, N, de Lestang, S, et, al.; Optimising an oceanographic-larval model for assessment of the puerulus settlement of the western rock lobster, *Panulirus cygnus*, in Western Australia; 11th International Conference and Workshop on Lobster Biology and Management, 04/06/2017 - 09/06/2017, Maine, Presenter(s): Ainslie Denham

Seymour, JR, et, al.; Defining the Australian Ocean Microbiome with a continental-scale, sustained oceanographic observatory; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Justin Seymour

Bahmanpour, MH; Annual and Inter-annual variability of Holloway Current along the shelf edge of North-Western Australia; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Mohammad Bahmanpour

Baird, ME; The biogeochemical state of the Great Barrier Reef (2013-2016): results from a re-analysis using the eReefs model; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Mark Baird

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

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

Feng, M; Climate drivers of marine heatwaves off the Kimberley coast; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Ming Feng

Griffin, DA, Oke, PR; Circulation of the Great Australian Bight: the influence of waves and the Leeuwin Current; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Peter Oke

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

Marin, M; Intra-annual Variability of the North West Shelf of Australia and its Impact on the Holloway Current; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Ming Feng

McCauley, R; Great whale presence in northern Australia based on passive acoustics; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Rob McCauley

McCosker, E; Influence of oceanographic conditions on coastal zooplankton assemblages at three IMOS National Reference Stations in Western Australia; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Erin McCosker

Middleton, J; The ocean circulation and dynamics of the Great Australian Bight: model results and validation; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): John Middleton

Parsons, M; Marine Soundscape Ecology: Throwing a snapper in the works; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Miles Parsons

Patten, N; Shifts in plankton community composition in the Great Australian Bight: New insights into food web dynamics; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Paul van Ruth

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

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

Schaeffer, A, Roughan, M; Sub-surface intensification of marine heat waves: the role of stratification and local winds; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Amandine Schaeffer

Skerratt, J; Changes in water quality from 2010 to 2016 throughout the Great Barrier Reef; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Mathieu Mongin

Steinberg, C; The Darwin National Reference Station: a sentinel for coastal waters in Northern Australia; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Craig Steinberg

Tonin, H; Mass Coral bleaching in the far northern region of the Great Barrier Reef and Torres Strait – a numerical modelling study; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Hemerson Tonin

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

Conference Poster

Heron, M, Roughan, M, Suthers, I, Banner, MML, Prytz, A, Page, G, Atwater, DP; Monitoring ocean parameters from an HF radar: case study at Coffs Harbour, Australia; 9th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO), 09/02/2009 - 13/02/2009, Melbourne

Pritchard, T, Krogh, M, Davies, P, Ingleton, T, Suthers, I, Roughan, M; Detecting climate change in the coastal waters off south east Australia - past, present and future; Greenhouse 2009: Climate Change and Resources, 23/03/2009 - 26/03/2009, Perth

James, C, Luick, J, Leterme, S, Middleton, J, Seuront, L; Seasonal variations in physical characteristics of the South Australian Shelf Waters - Results from the Southern Australian Integrated Marine Observing System (SAIMOS); European Geosciences Union (EGU) General Assembly, 19/04/2009 - 24/04/2009, Vienna

Seuront, L, Leterme, S, Middleton, J, Ridgway, K, Doherty, P, Bainbridge, S, Steinberg, C, Suthers, I, Roughan, M, Pattiaratchi, C, Thresher, A, Trull, T, Schulz, E, Wijffels, S, Williams, S, Allen, S, Heron, M, Harcourt, R, Proctor, R, Turner, P, Critchley, G, Richardson, A, Coman, F, Bonham, P, Terhell, D, Thompson, P, Tilbrook, B, Berry, K, Clementson, L, Robert, S, Lynch, T, Furnas, M, Roberts, K, Magierowski, R, Meyers, G; IMOS, an Integrated Marine Observing System for Australia; European Geosciences Union (EGU) General Assembly, 19/04/2009 - 24/04/2009, Vienna

Bainbridge, S, Steinberg, C, Heron, M, Rigby, P; The role of observation systems in coral reef monitoring and management; 2009 Joint Assembly, 24/05/2009 - 27/05/2009, Toronto

Morris, BD, Roughan, M, Suthers, I, Pritchard, T; Cross-shelf processes off the coast of NSW; Preliminary results from the NSW IMOS array; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Steinberg, C, McAllister, F, McLean, CM, Brinkman, GW, Pitcher, C, Luetchford, J, Rigby, P; The Great Barrier Reef Ocean Observing System: monitoring the Western Boundary Currents of the Coral Sea and impacts on the Great Barrier Reef; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

van Dongen-Vogels, V, Seymour, JR, Leterme, S, Seuront, L; Spatial and temporal dynamics in picophytoplankton community structure along a shelf plume (South Australia); Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

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

McAllister, F, Steinberg, C, Brinkman, GW, Pitcher, C, Luetchford, J, Rigby, P; The Great Barrier Reef Ocean Observing System moorings array: monitoring Coral Sea impacts on the Great Barrier Reef; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

Roughan, M, Suthers, I, Pritchard, T, Meyers, G; NSW-IMOS an integrated marine observing system for south-eastern Australia: The East Australian Current and its interaction with coastal environments; OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

Seuront, L, Leterme, S, Middleton, J, Bryne, M, James, C, Luick, J, Nedoncelle, K, Patterson, J, Teixeira, CEP, van Dongen-Vogels, V; Biophysical couplings in South Australian shelf waters under conditions of summer upwelling and winter downwelling: Results from the Southern Australian Integrated Marine Observing System (SAIMOS); OceanObs'09 Conference, 21/09/2009 - 25/09/2009, Venice

MacDonald, HS, Roughan, M, Baird, ME, Wilkin, J; Coupled physical-biological modelling of eddies off southeastern Australia; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Navong, N, James, C, Leterme, S; Impacts of upwelling events on the phytoplankton communities off the South Australian continental shelf; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Wood, JE, Roughan, M; Wind, temperature and current observations from a long term continental shelf mooring; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Ajani, P, Armand, L, Murray, S; Travelling through time: microalgal diversity in New South Wales, Australia; 14th International Conference on Harmful Algae, 01/11/2010 - 05/11/2010, Creta & Terra Maris Convention Center & Golf Resort, Crete

Davies, C, Bonham, P, Coman, F, Lynch, T, Slotwinski, A, Thompson, P, Tonks, M, Richardson, A; Plankton observing in Australia: the Australian National Reference Stations; 5th International Zooplankton Production Symposium, 14/03/2011 - 18/03/2011, Pucon

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

Ajani, P, Armand, L, Murray, S; Travelling through time: microalgal diversity in New South Wales, Australia; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Kelly, SM, Jones, N, Ivey, GN, Brinkman, R, Lowe, R; Internal tides in the Timor Sea and on the Australian North West Shelf ; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Samuel Kelly

Galibert, G, McCarthy, P, Proctor, R, Roughan, M, Morello, E; A new toolbox for oceanographic data quality control and NETcdf formatting; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

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

Wood, JE, Roughan, M; Finding a proxy for wind stress over the coastal ocean off Sydney; 18th Australian Meteorological and Oceanographic Society (AMOS) Conference, 31/01/2012 - 03/02/2012, University of New South Wales, Sydney

Schaeffer, A, Roughan, M, Morris, BD; Physical variability on the shelf off NSW Australia: new insights from the NSW Integrated Marine Observing System; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City

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

Rossi, V, Galibert, G, Wood, JE, Schaeffer, A, Sudre, J, Roughan, M, Waite, A; Spatio-temporal variability of sporadic upwelling events over the East Australian continental margin for the last decade; 10th International Conference on Southern Hemisphere Meteorology and Oceanography (ICSHMO) - Changing Southern Climates, 23/04/2012 - 27/04/2012, Noumea

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

Zhong, L, Feng, M; Upper ocean heat balance off the West Coast of Australia; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Liejun Zhong

Steinberg, C, McAllister, F, Rigby, P, Luetchrford, J, Brinkman, GW, Bartlett, C, Brinkman, R, Tonin, H, Herzfeld, M; Q-IMOS monitoring of currents along the outer Great Barrier Reef; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns

Verspecht, F, Pattiaratchi, C, Mihanovic, H, Simpson, J; Sea breezes force near-inertial waves close to the critical latitude for resonance; The Physics of Estuaries and Coastal Seas (PECS) Symposium, 12/08/2012 - 16/08/2012, New York, Presenter(s): Florence Verspecht

Book, JW, Burrage, DM, Chu, P, Rice, AE, Richman, J, Rowley, C, Brinkman, R, Luetchrford, J, Steinberg, C, Ivey, GN, Jones, N, Kelly, SM, Lowe, R, Pattiaratchi, C, Rayson, MD, Ayers, J, Strutton, P; Observations and modelling of the North West Shelf of Australia during Austral summer ; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Jeff Book

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

Tonin, H, Steinberg, C, Rigby, P, Brinkman, R, Herzfeld, M; Q-IMOS and eReefs: a partnership to monitor the currents along the Great Barrier Reef; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Hemerson Tonin

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

Schaeffer, A, Roughan, M, Morris, BD; Cross-shelf dynamics in the East Australian Current from a coastal mooring array: implications for upwelling; Gordon Research Conference, 08/06/2013 - 09/06/2013, Madgwick, Presenter(s): Amandine Schaeffer

Ajani, P, Allen, A, Ingleton, T, Armand, L; A decadal decline in abundance and a shift in microphytoplankton composition at a long-term coastal station off southeast Australia; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Penny Ajani

Buchanan, PJ, Swadling, K, Eriksen, C, Wild-Allen, K; New evidence links changing shelf phytoplankton communities to boundary currents in southeast Tasmania; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): P Buchanan

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

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

Doubell, M, Middleton, J, Spencer, D, Lemkert, C; Salt-finger enhanced mixing and vertical nutrient fluxes on Australia's southern shelf: microstructure observations during the 2012 summertime upwelling; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Mark Doubell

Feng, M, Lumley, M; Shelf temperature observations off Rottnest, Western Australia since 1950; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Ming Feng

Luick, J, Mao, Y; Circulation in the Southern Great Barrier Reef studied through an integration of multiple remote sensing and in-situ measurements; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): John Luick

Roughan, M, Schaeffer, A, Kioroglou, S; Assessing the design of the NSW-IMOS moored observation array from 2008-2013: recommendations for the future; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Moninya Roughan

Schaeffer, A, Roughan, M; Topics in Australian marine science: introducing MSc students to regional oceanography using NSW-IMOS data; Australian Meteorological and Oceanographic Society (AMOS) Conference, 12/02/2014 - 14/02/2014, Hobart, Presenter(s): Amandine Schaeffer

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

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

Pequignet, C, MacDonald, HS, Book, JW, Jones, N, Ryan, RJ; Spatial and temporal variability of the regional-scale circulation on the Australian North West Shelf; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Christine Pequignet

Roughan, M, Schaeffer, A, Kioroglou, S; Assessing the design of the NSW-IMOS moored observation array from 2008-2013: recommendations for the future; Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Moninya Roughan

Kelly, P, Clementson, L, Swadling, K; Drivers of Eastern Australia zooplankton community composition: emphasis on the distribution patterns at Maria Island; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Paige Kelly

Bodrossy, L, Van De Kamp, J, Abell, GJC, Brown, MV, Seymour, JR, Moltmann, T, Frampton, DM, Coman, F, Davies, C; From Queensland to Tasmania - a one-year pilot project in microbial oceanography; 15th International Symposium on Microbial Ecology, 24/08/2014 - 29/08/2014, Seoul, Presenter(s): Lev Bodrossy

Benthuisen, J, Feng, M, Zhong, L; Spatial patterns of warming off Western Australia during the 2011 Ningaloo Nino: quantifying impacts of remote and local forcing; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

Colberg, F, Slawinski, D, Feng, M; A higher resolution model of shelf circulation and marine connectivity of the north-west shelf; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

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

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

Pattiaratchi, C, Hadi Bahmanpour, M, Wijeratne, S, Steinberg, C, D'Adamo, N; The Holloway Current along North-West Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

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

Rigby, P, Steinberg, C, Williams, DK, Brinkman, GW, Brinkman, R, Tonin, H, Hughes, D; Real-time marine observing systems: challenges, benefits and opportunities in Australia's northern tropical seas; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

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

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

Verspecht, F, Mihanovic, H, Pattiaratchi, C; Sea breeze force near-inertial waves on Rottneest Shelf, Western Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra

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

Pattiaratchi, C, Steinberg, C, Wijeratne, S, Bahmanpour, MH, D'Adamo, N; The Holloway Current along North-West Australia; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Mohammad Bahmanpour

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

Rigby, P, Steinberg, C, Williams, DK, Brinkman, GW, Brinkman, R, Tonin, H, Hughes, D; Real-time Marine Observing Systems in Australian Tropical Seas; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Paul Rigby

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

Middleton, J, Schulz, E, et, al.; eSAMarine - phase 1: the first step towards an operational now-cast/forecast ocean prediction system for Southern Australia; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): John Middleton

Rigby, P, Steinberg, C, Williams, DK, Brinkman, GW, McAllister, F, Spagnol, S, Luetchrford, J, Bartlett, C, Brinkman, R, Tonin, H, Hughes, D; Real-time marine observing systems: challenges, benefits and opportunities in Australian coastal waters; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Paul Rigby

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

Skerratt, J, Baird, ME, Mongin, M, Robson, B, Rizwi, F, Wild-Allen, K; The eReefs marine model suite: tools for better quantifying and understanding the Great Barrier Reef circulation and water quality; Australian Forum for Operational Oceanography, 21/07/2015 - 23/07/2015, Fremantle, Presenter(s): Jenny Skerratt

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

Balcazar, N, Klinck, H, Nieukirk, S, Mellinger, D, Tripovich, J, Dziak, R; Acoustics reveals the population structure of the elusive blue whale; 2015 Ecological Society of America (ESA) Annual Meeting, 09/08/2015 - 14/08/2015, Baltimore, Presenter(s): Naysa Balcazar

Bahmanpour, MH, Pattiaratchi, C, Wijeratne, S, Steinberg, C, D'Adamo, N; Circulation along the north west shelf of Australia; International Coastal Symposium, 06/03/2016 - 11/03/2016, Sydney, Presenter(s): Mohammad Bahmanpour

Bahmanpour, MH, Pattiaratchi, C, Wijeratne, S, Steinberg, C, D'Adamo, N; Multi-year observation of a boundary current along the shelf edge of North Western Australia; 14th International Coastal Symposium, 06/03/2016 - 11/03/2016, Sydney, Presenter(s): Mohammad Bahmanpour

Spencer, D, Brown, IW, Lemkert, C; A new perspective on the effects of ambient temperature on spanner crab (*Ranina ranina*) catchability in South East Queensland; 13th Annual Meeting, Asia Oceania Geosciences Society (AOGS), 31/07/2016 - 05/08/2016, Beijing, Presenter(s): David Spencer

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

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

Makarynsky, O, Williams, DK, Makarynska, D, Negri, A; Using data from NRS Darwin for improved hydrodynamic and hydrocarbon spill modelling assessments; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

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

Tonin, H, Steinberg, C, Brinkman, R, Evans-Illidge, L; Improving water security for Great Palm Island - a preliminary study towards implementation of desalination plant; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Hemerson Tonin

Wijeratne, S, Pattiaratchi, C, Proctor, R; ozROMS - a high resolution 16 year re-analysis product for Australian and Indonesian Seas; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Yeung, V, Everett, JD, Richardson, A, Suthers, I; Quantifying the oceanographic and seasonal patterns of zooplankton size-structure at the IMOS National Reference Stations; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra

Cancel, M, Griffin, DA, Lyard, F, et, al.; Assessment of the FES2014 tidal current atlas around Australia; Ocean Surface Topography Science Team (OSTST) Meeting, 31/10/2016 - 04/11/2016, La Rochelle, Presenter(s): Mathilde Cancel

Badis, Y, Klochova, T, Strittmatter, M, Garvetto, A, Murua, P, Ostrowski, M, et, al.; Hidden diversity in the oomycete genus *Olpidopsis* is a global threat to red algal cultivation; Oomycete Molecular Genetics Network Annual Meeting, 11/03/2017 - 14/03/2017, Asilomar, Presenter(s): Yacine Badis

Rocha, C, Roughan, M; Towards biogeochemical modelling of the East Australian Current system; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Carlos Rocha

Course Presentation

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

McCauley, R, et, al.; Through water communications & sonar performance; Defence Science, Engineering and Technology Seminars, 27/10/2016 - 27/10/2016, Melbourne, Presenter(s): Rob McCauley

Meeting Presentation

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

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

Moltmann, T, Feng, M; WA IMOS; Indian Ocean Panel Meeting, 26/07/2011 - 28/07/2011, Chennai

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

Wood, JE, Roughan, M; The origin and variability of major cold water events observed off Sydney; European Geosciences Union (EGU), 21/04/2012 - 27/04/2012, Vienna, Presenter(s): Julie Wood

Bondarenko, O, Pattiaratchi, C, Hanson, CE, Gavrilov, AS, Feng, M; The behavioural ecology of pygmy blue whales in the Perth Canyon; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Olga Bondarenko

Feng, M, McPhaden, M, Xie, S, Hafner, J, Pearce, A; La Nina forces unprecedented Leeuwin Current warming, as captured by IMOS observations; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Ming Feng

McCauley, R, Gavrillov, AS; Long-term trends in vocal characteristics of blue whales in Australia; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Alexander Gavrillov

Pattiaratchi, C, Steinberg, C, D'Adamo, N; The Holloway Current - evidence from IMOS North-west moorings; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Charitha Pattiaratchi

Raes, E, McInnes, AS, Strutton, P, Phillips, H, Waite, A; Dinitrogen fixation along the coast of WA and the usage of IMOS data; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Eric Raes

Slawinski, D, Feng, M, Darby, I; Rottneest NRS: a long-term perspective for the future; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Dirk Slawinski

Steinberg, C, Spagnol, S, Rigby, P, McAllister, F, Williams, DK, Brinkman, R, Pattiaratchi, C, Jones, N, Book, JW; WAIMOS Mooring Observations of the North West Shelf; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Craig Steinberg

Thomson, P, Driessen, D, Doblin, MA, Clementson, L, Thompson, P; Picoplankton abundance from IMOS National Reference Stations mark extreme weather events in Australian coastal waters; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Paul Thomson

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

Middleton, J; SAIMOS Update; PIRSA Public Meeting Series, 25/02/2013 - 28/02/2013, Adelaide, Presenter(s): John Middleton

McCauley, R; Demonstration of IMOS Passive Acoustics web interface; Southern Ocean Research Partnership/International Whaling Commission pre-scientific meeting, 31/05/2013 - 02/06/2013, Jeju Island, Presenter(s): Rob McCauley

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

Munoz Mas, C, Steinberg, C, Coleman, G, McAllister, F, Rigby, P, Tonin, H; IMOS profiling CTD Data: implementation of an automated post-processing method; Australian National Mooring Network QC Summit Meeting, 11/12/2013 - 12/12/2013, Hobart, Presenter(s): C Munoz Mas

Steinberg, C, Brinkman, R, Babcock, R, Wild-Allen, K; Q-IMOS and eReefs update; FRDC project 2013/020 Physical Oceanographic Influences on Queensland Reef Fish and Scallops. Steering Committee Meeting, 13/12/2013 - 13/12/2013, Brisbane, Presenter(s): Craig Steinberg

Steinberg, C; Queensland Integrated Marine Observing System (Q-IMOS); FRDC project 2013/020 Physical Oceanographic Influences on Queensland Reef Fish and Scallops. Steering Committee Meeting, 13/12/2013 - 13/12/2013, Brisbane, Presenter(s): Craig Steinberg

MacDonald, HS, Ivey, GN, Jones, N, Lowe, R, Pequignet, C; Cyclone Modelling on the Australian North West Shelf; ASLO AGU TOS 2014 Ocean Sciences Meeting, 23/02/2014 - 28/02/2014, Honolulu, Presenter(s): Helen MacDonald

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

Waite, A; Coastal particle injection into a forming mesoscale eddy in the Eastern Indian Ocean - impacts on oxygen and nitrogen dynamics; University of Western Australia Seminar, 21/03/2014 - 21/03/2014, University of Western Australia, Perth, Presenter(s): Anya Waite

Waite, A; Biological oceanography of western rock lobster larvae: living on the edge of the predator pit?; Murdoch University Seminar, 17/04/2014 - 17/04/2014, Perth, Presenter(s): Anya Waite

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

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

Bodrossy, L, Van De Kamp, J, Abell, GJC, Brown, MV, Seymour, JR, Moltmann, T, Frampton, DM, Coman, F, Davies, C; From Queensland to Tasmania - a one-year pilot project in microbial oceanography; Singapore Interactive Meeting on Microbial Ecology Research, 22/08/2014 - 23/08/2014, Singapore, Presenter(s): Lev Bodrossy

Messer, L, Jeffries, TC, Mahaffey, C, Doubell, M, Doblin, MA, Brown, MV, Seymour, JR; Diazotroph dynamics across Australia's oligotrophic oceans; Singapore Interactive Meeting on Microbial Ecology Research, 22/08/2014 - 23/08/2014, Singapore, Presenter(s): Lauren Messer

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

Steinberg, C; Ocean Observing Design on Coral Reefs and Archipelagos: 3 case studies Scott Reef, Indian Ocean, Great Barrier Reef & Palau; Joint WMO-IOC Commission for Oceanography and Marine Meteorology DBCP PI-1, 04/05/2015 - 07/05/2015, Koror, Presenter(s): Craig Steinberg

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

van Dongen-Vogels, V, Matear, R, Cherukuru, N, Hardman-Mountford, NJ, McLaughlin, J, Westwood, KJ, Doblin, MA, Thompson, P; Modelling primary production in Australian waters; IMOS Bio-Optical Working Group Workshop, 01/07/2015 - 03/07/2015, Perth, Presenter(s): Virginie van Dongen-Vogels

Messer, L, Mahaffey, C, Jeffries, TC, Doblin, MA; Biogeography of nitrogen fixers in Australia's coastal ocean; Australian Society for Microbiology Annual Scientific Meeting, 13/07/2015 - 15/07/2015, Canberra, Presenter(s): Lauren Messer

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

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

Robertson, R, Hartlipp, P; Internal tides off eastern Tasmania and the T-Tide project; AOGS - Asia Oceania Geosciences Annual Meeting, 31/07/2015 - 05/08/2015, Singapore, Presenter(s): Robin Robertson

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

Kerry, C, Roughan, M, Powell, B, Oke, PR; Observation impact in Australia's Western Boundary Current; 6th Annual Meeting of the GODAE Ocean view Science Team (GOVST-VI), 02/11/2015 - 06/11/2015, Sydney, Presenter(s): Colette Kerry

Roughan, M, Moltmann, T; IMOS; 6th Annual Meeting of the GODAE Ocean view Science Team (GOVST-VI), 02/11/2015 - 06/11/2015, Sydney, Presenter(s): Moninya Roughan

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

Middleton, J, Doubell, M; SARDI oceanographic fisheries research and opportunities; FRDC Board Presentation, 15/02/2016 - 15/02/2016, South Australian Sardine Industry Association, Adelaide, Presenter(s): John Middleton

Keating, S; Flavours of Baroclinic instability in the global ocean; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Shane Keating

Schroeder, T; Updates from the IMOS ocean colour sub-facility and the ANMN bio-optics project; QC Summit, 07/03/2016 - 11/06/2016, Hobart, Presenter(s): Thomas Schroeder

Steinberg, C; Australia's marine observing services; Pacific Meteorological Council Second Pacific Islands Marine Observing Services Panel Meeting, 23/05/2016 - 23/05/2016, Noumea, Presenter(s): Craig Steinberg

Doblin, MA; Exploring the ocean microbiome once cell at a time; Sydflow meeting, 29/05/2016 - 29/05/2016, Sydney, Presenter(s): M Doblin

McCauley, R; The use of passive acoustics to study marine fauna with a focus on eastern Indian Ocean pygmy blue whales; Society for underwater Technology Evening Technical Meeting, 08/06/2016 - 08/06/2016, Perth, Presenter(s): Rob McCauley

Zhang, Y; IMOS passive acoustic data for sonar performance evaluation; DSTG Adelaide presentation, 22/11/2016 - 22/11/2016, Adelaide, Presenter(s): Y Zhang

Ma, J, Feng, M; Model-based design of the overturning circulation observation strategies; IIOE-2 Steering Committee Meeting No 1, 02/02/2017 - 04/02/2017, Perth, Presenter(s): Jie Ma

Ingleton, T, Seymour, JR, Suthers, I, Ajani, P, Armbrecht, L, Messer, L, Brown, C, Focardi, A, Ostrowski, M, O'Brien, J, Laverock, B, Petrou, K; Port Hacking National Reference Station update and the next 5 years; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Tim Ingleton

Kinsela, M, Ingleton, T, Morris, BD; Mini-wave rider deployment program for NSW coast; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): M Kinsela

Ostrowski, M; A marine microbial observatory: BPA marine microbes - Pelagic project; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Martin Ostrowski

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

Thomas, T; A marine microbial observatory: BPA marine microbes - Benthic project; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): T Thomas

Bodrossy, L; Genomics for estuarine status assessment; National Estuarine Network meeting, 22/05/2017 - 22/05/2017, Townsville, Presenter(s): Lev Bodrossy

Steinberg, C, Tonin, H, Herzfeld, M, et, al.; A Torres Strait and Northern Great Barrier Reef Persistent Thermal Refugia from Mass Coral Bleaching; 98th Annual Meeting American Association for the Advancement of Science Pacific Division, 19/06/2017 - 23/06/2017, Waimea, Presenter(s): Craig Steinberg

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

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

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

Plenary Address

Roughan, M; Continental shelf processes along the coast of southeastern Australia; Australian Hydrographers Association Annual Meeting, 31/10/2014 - 31/10/2014, Sydney, Presenter(s): Moninya Roughan

Symposium Presentation

Andrefouet, S, Muller-Karger, F, Sheng, J, Steinberg, C, Douillet, P, Soto, I, Hatcher, BG, Ouillon, S, Yang, B, Choukroun, S, Dirbeg, G, Kranenberg, C, Moses, C; Interdisciplinary environmental assessments of coral reefs using remote sensing and numerical circulation models; 11th International Coral Reef Symposium, 07/07/2008 - 11/07/2008, Fort Lauderdale

Weeks, S, Steinberg, C, Congdon, BC; Whirlpools, hot water and hungry seabirds; 11th International Coral Reef Symposium, 07/07/2008 - 11/07/2008, Fort Lauderdale

Roughan, M, Suthers, I; Measuring the coastal ocean off Northern NSW: Coffs Harbour; Climate Change Symposium, 03/06/2009 - 04/06/2009, Melbourne

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

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

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

Feng, M; Climate extremes in regional oceans off western Australia; CMAR Science Symposium - Science, Impacts, Possibilities, 20/03/2012 - 22/03/2012, Hobart, Presenter(s): Ming Feng

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

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

Feng, M, McPhaden, M, Xie, S, Pearce, A; An extraordinary marine heat wave event off the west coast of Australia; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ming Feng

Gillibrand, P, Mongin, M, Cahill, M, Tilbrook, B, Steinberg, C; Wave- and wind-driven circulation over Heron Island Lagoon in the Southern Great Barrier Reef: A Model Study; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart

Lynch, T, Clementson, L, Kay, R, Roughan, M, Galibert, G, Brando, V, Doblin, MA; Systematic approach to reducing uncertainties in bio-optical data streams in a sustained observing system; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Tim Lynch

Thomson, P, Driessen, D, Doblin, MA, Clementson, L, Thompson, P; Picoplankton abundances from IMOS National Reference Stations mark seasonal changes and extreme weather events in Australian coastal waters; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Paul Thomson

Thresher, RE, Fallon, S, Neil, H, Morrongiello, J; Inferred changes in the EAC since the mid-1800s: trans-Tasman coral proxy records and evidence of changing fish growth; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ronald Thresher

Underwood, M, Kay, R; Observations following a decade of calibrating oceanographic instruments; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Mark Underwood

Wood, JE, Roughan, M, Morris, BD; Mean circulation, inter-annual, seasonal and monthly variability on the Sydney shelf; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Moninya Roughan

Middleton, J; Achievements of the Oceanography Program at SAIMOS; Marine Innovation Southern Australia Symposium, 30/11/2012 - 30/11/2012, Port Lincoln, Presenter(s): John Middleton

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

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

van Ruth, P, Kloser, R; Pelagic ecosystem and environmental drivers; Great Australian Bight Research Program Annual Symposium, 18/11/2014 - 19/11/2014, Adelaide, Presenter(s): Paul van Ruth

Caputi, N, de Lestang, S, Feng, M, et, al.; Decline in puerulus settlement in the western rock lobster fishery in Western Australia: a climate change effect?; Third International Symposium of Effects of Climate Change on the World's Oceans, 21/03/2015 - 27/03/2015, Santa Barbara, Presenter(s): Nick Caputi

Caputi, N, Denham, M, Kangas, M; The effect of an extreme marine heat wave on invertebrate fisheries in Western Australia; Third International Symposium of Effects of Climate Change on the World's Oceans, 21/03/2015 - 27/03/2015, Santa Barbara, Presenter(s): Nick Caputi

Brown, MV, Ostrowski, M, Seymour, JR, Van De Kamp, J, Kahlke, T, Craw, P, Moltmann, T, Bodrossy, L; A continental scale genomic ocean monitoring network: the Australian Marine Microbiology Biodiversity Initiative; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Mark Brown

Feng, M; The Leeuwin Current and Ningaloo Nino; International Symposium on the Indian Ocean (IIOE-2), 30/11/2015 - 04/12/2015, Goa, Presenter(s): Ming Feng

Baldry, K, Hardman-Mountford, NJ, Greenwood, J, Tilbrook, B; Remotely-sensed estimation of alkalinity in coastal waters around Australia; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): K Baldry

Conde-Pardo, P, Tilbrook, B; Biogeochemical change in the Southern Ocean, South of Tasmania; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): Paula Conde-Pardo

Davidson, S, Westwood, KJ, Thomson, P, Deppeler, S, Pascoe, P, Wright, SW, Pearce, I, Van den Enden, M, Johnson, R, Schulz, K, Tilbrook, B, De Salas, M; Variability in response of Antarctic marine microbes to enhanced pCO2 ; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): S Davidson

Hardman-Mountford, NJ, Greenwood, N, Tilbrook, B; Relative potential impacts of local and global CO2 release: comparison of natural variability and trends to carbon capture and storage; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): Nick Hardman-Mountford

Mongin, M, Baird, ME, Hadley, S, Lenton, A; Optimising island-scale buffering of ocean acidification; 4th Oceans in a high CO2 World Symposium, 03/05/2016 - 06/05/2016, Hobart, Presenter(s): Mathieu Mongin

Kloser, R, van Ruth, P; Theme 2 - Pelagic ecosystems and environmental drivers; Great Australian Bight Research Project Annual Symposium, 01/08/2016 - 01/08/2016, Adelaide, Presenter(s): Rudy Kloser

Middleton, J, Griffith, G; Theme 1 - Oceanography and waves; the Sciences that underpin; Great Australian Bight Research Project Annual Symposium, 01/08/2016 - 01/08/2016, Adelaide, Presenter(s): John Middleton

Bodrossy, L, Brown, MV, Van De Kamp, J, Ostrowski, M, Seymour, JR, Bissett, A, Kahlke, T, Goossen, K, Fitzgerald, A, Moltmann, T; The Australian marine microbial biodiversity initiative: establishing a continental scale, long term microbial oceanography observatory; 16th International Symposium on Microbial Ecology (ISME), 21/08/2016 - 26/08/2016, Montreal, Presenter(s): Lev Bodrossy

Messer, L, Brown, MV, Schaeffer, A, Siboni, N, Jeffries, TC, Ingleton, T, Mahaffey, C, Seymour, JR; A subtropical western boundary current drives the phenology of nitrogen fixation in temperate coastal waters; 16th International Symposium on Microbial Ecology (ISME), 21/08/2016 - 26/08/2016, Montreal, Presenter(s): Lauren Messer

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

Brown, MV; Detecting, predicting and modelling change in microbiomes; Theo Murphy Frontiers of Science Symposium, 29/11/2016 - 01/12/2016, Adelaide, Presenter(s): Mark Brown

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

Ostrowski, M, Bodrossy, L, Thomas, T, Brown, MV, Van De Kamp, J, Seymour, JR, Bissett, A, Kahlke, T, Goossen, K, Fitzgerald, A, Moltmann, T; Marine Microbes: a foundation for discovery and baseline for the next generation of ecosystem molecular tools; NCRIS Greater impact through environmental infrastructure symposium, 16/05/2017 - 18/05/2017, Canberra, Presenter(s): Martin Ostrowski

Workshop Presentation

Steinberg, C, McLean, CM, McAllister, F, Bennet, B, Brinkman, GW, Choukroun, S; GBROOS Mooring Array; GBROOS Workshop, 11/05/2007 - 11/05/2007, Townsville

Steinberg, C, Spagnol, S, Rigby, P, McAllister, F, Williams, DK, Luetchford, J, Pattiaratchi, C; WAIMOS North West Australia Moorings; NSW-IMOS Node Meeting, 04/06/2007 - 04/06/2007, Sydney Institute for Marine Science, Sydney

Steinberg, C, Brinkman, R; The status of physical oceanographic research in the GBR; AIMS Acidification Workshop, 11/03/2008 - 11/03/2008, Australian Institute of Marine Science, Townsville

Middleton, J; The oceanography and SAIMOS for the Bonney Coast; Climate Change Planning Workshop: The Bonney Coast, 04/04/2008 - 04/04/2008, Queenscliff, Presenter(s): John Middleton

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

Steinberg, C; Climate change in the Australian marine environment; Climate Change Simulations Workshop - Simulations for CMIP5 (IPCC AR5) and the data requirements for Queensland and the wet tropical regions, 20/07/2009 - 21/07/2009, Port Douglas, Presenter(s): Craig Steinberg

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

Steinberg, C; Throughflow (ITF) and Ningaloo National Reference Station (NRS); WAIMOS Science & Data Uptake Workshop, 25/02/2011 - 25/02/2011, University of Western Australia, Perth, Presenter(s): Craig Steinberg

Steinberg, C, Wijffels, S, Sloyan, B, Hill, K, Moltmann, T; IMOS Timor Leste Indonesian Through Flow Observations; Arafura and Timor Seas Expert Forum Workshop, 24/03/2011 - 24/03/2011, Dili, Presenter(s): Craig Steinberg

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

McCauley, R; The marine soundscape; Effect of Noise on Fish, Fisheries and invertebrate BOEMRE Workshop, 20/03/2012 - 22/03/2012, San Diego, Presenter(s): Rob McCauley

Lynch, T; QC of data for the IMOS facility the ANMN; COL-NASA Data QC/QA Workshop, 06/06/2012 - 08/06/2012, Maine, Presenter(s): Tim Lynch

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

Feng, M; Multi-decadal trends of the tropical Pacific and their influences on the southeast Indian Ocean; Cross-Strait Marine Science Workshop, 31/08/2012 - 02/09/2012, Wuyishan, Presenter(s): Ming Feng

Middleton, J; SAIMOS and Oceanography at SARDI; CAWCR Regional Workshop, 28/09/2012 - 28/09/2012, Adelaide, Presenter(s): John Middleton

Feng, M; An extraordinary marine heat wave event off the west coast of Australia; Australian Coastal Ocean Modelling and Observations - ACOMO, 03/10/2012 - 04/10/2012, Canberra, Presenter(s): Ming Feng

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

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

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

Pattiaratchi, C; Modelling mesoscale dynamics along western and southern Australian shelf and slopes: a ROMS modelling approach; ROMS/TOMS Workshop, 24/10/2012 - 24/10/2012, Rio de Janeiro, Presenter(s): Charitha Pattiaratchi

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

Pattiaratchi, C; The Holloway Current: evidence from IMOS north-west moorings; WAIMOS Science and Data Uptake Workshop, 05/11/2012 - 05/11/2012, Perth, Presenter(s): Charitha Pattiaratchi

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

Ajani, P; Microalgal diversity in the coastal waters of New South Wales; 10th Advanced Phytoplankton Course: Taxonomy and Systematics, 12/11/2012 - 30/11/2012, Copenhagen, Presenter(s): Penny Ajani

Caputi, N; FRDC climate change project: example of an extreme event; 10th Advanced Phytoplankton Course: Taxonomy and Systematics, 12/11/2012 - 30/11/2012, Copenhagen, Presenter(s): Nick Caputi

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

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

Feng, M; La Nina forces unprecedented Leeuwin Current warming in 2011; The marine heat wave off Western Australia during the summer of 2010/11 - 2 years on Workshop, 11/03/2013 - 11/03/2013, Perth, Presenter(s): Ming Feng

Steinberg, C, Spagnol, S, Rigby, P, McAllister, F, Williams, DK, Luetchford, J, Pattiaratchi, C; WAIMOS North West Australia Moorings; Northwest Shelf Workshop, 13/03/2013 - 14/03/2013, University of Western Australia, Perth, Presenter(s): Craig Steinberg

Xu, J, Ivey, GN, Lowe, R, Jones, N, Brinkman, R; Seasonal ocean dynamics on Ningaloo Shelf, Perth; Oceans Institute Seminar, 08/05/2013 - 08/05/2013, University of Western Australia, Perth, Presenter(s): Jiangtao Xu

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

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

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

Gedeon, A; The Integrated Marine Observing System and Ocean Data Network in Western Australia; WALIS Forum 2013, 07/11/2013 - 08/11/2013, Perth, Presenter(s): Agi Gedeon

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

Armbrecht, L; Testing phytoplankton quantification techniques off Eastern Australia; Alexander von Humboldt Foundation Colloquium, 17/11/2013 - 19/11/2013, Sydney, Presenter(s): Linda Armbrecht

van Ruth, P, Doubell, M, Middleton, J, Luick, J; Ocean Modeling of the southern shelves: activity, capability and needs.; CAWCR ROMS Modelling Workshop, 03/12/2013 - 03/12/2013, Bureau of Meteorology, Melbourne, Presenter(s): Paul van Ruth

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

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

Gedeon, A; A brief introduction to IMOS moorings in WA/NT; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Agi Gedeon

Pearce, A; Seasonal and cross-shelf variability of water temperature and currents along the IMOS Two Rocks mooring transect; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Alan Pearce

Pequignet, C; Spatial and temporal variability of the regional-scale circulation on the Australian North West Shelf; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Christine Pequignet

Slawinski, D; Accessing and viewing IMOS mooring data; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Dirk Slawinski

Slawinski, D; WAIMOS moorings overview; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Dirk Slawinski

Spagnol, S, Steinberg, C; WAIMOS moorings in Northwestern Australia; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Simon Spagnol

Thomson, P; Using BGC data from IMOS NRS stations to understand phytoplankton ecology; IMOS Moorings in Western Australia/NT Workshop, 21/02/2014 - 21/02/2014, University of Western Australia, Perth, Presenter(s): Paul Thomson

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

Doblin, MA; Micro-CSI: Investigating ocean microbes; Topics in Australian Marine Science (TAMS) Workshop, 06/03/2014 - 30/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): M Doblin

Richardson, A, Coman, F, Davies, C, Forcey, K, McEnnulty, F, McLaughlin, J, Miller, M, Slotwinski, A, Tonks, M, Rochester, W; IMOS plankton ocean observing system: how can you use the data?; WAIMOS CPR and Plankton Data Workshop, 06/06/2014 - 06/06/2014, University of Western Australia, Perth, Presenter(s): Anthony Richardson

Roughan, M; Continental shelf processes along the coast of southeastern Australia; SIMS Port Hacking Timeseries Workshop, 07/08/2014 - 08/08/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Moninya Roughan

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

Roughan, M, Oke, PR; A National Shelf Re-Analysis project for Australia; Australian Coastal Ocean Modelling and Observations (ACOMO), 07/10/2014 - 08/10/2014, Canberra, Presenter(s): Moninya Roughan

Feng, M; Decadal increase of the Ningaloo Nino since the late 1990s; International ENSO Workshop, 04/02/2015 - 06/02/2015, Sydney, Presenter(s): Ming Feng

Goldsworthy, S; Development of a Spencer Gulf ecosystem model for fisheries and aquaculture; Practical steps to implementation of integrated marine management, 13/04/2015 - 15/04/2015, South Australian Research and Development Institute, Adelaide, Presenter(s): Simon Goldsworthy

Middleton, J; CarCap - a decision support tool for aquaculture expansion and gulf developments based on nutrient carrying capacity; Practical steps to implementation of integrated marine management, 13/04/2015 - 15/04/2015, South Australian Research and Development Institute, Adelaide, Presenter(s): John Middleton

McAllister, F, Galibert, G; IMOS Toolbox and deployment database; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Guillaume Galibert, Kristy McAllister

Sun, C, Steinberg, C, Zhang, X, Schiller, A; Long-term poleward trend of the Pacific South Equatorial Current; Centre for Australian Weather and Climate Research (CAWCR) Annual Workshop, 19/10/2015 - 22/10/2015, Bureau of Meteorology, Melbourne, Presenter(s): Charles Sun

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

Steinberg, C; Australia's Integrated Marine Observing System (IMOS) a decade on; WMO-IOC Joint Commission for Oceanography and Marine Meteorology Data Buoy Cooperation Panel PI-2 PANGEA workshop, 24/05/2016 - 27/05/2016, Noumea, Presenter(s): Craig Steinberg

Steinberg, C; Responding to the 2016 coral bleaching along the Great Barrier Reef: observations to modelling; WMO-IOC Joint Commission for Oceanography and Marine Meteorology Data Buoy Cooperation Panel PI-2 PANGEA workshop, 24/05/2016 - 27/05/2016, Noumea, Presenter(s): Craig Steinberg

Robertson, R; Effects of tides and mixing in regional ocean models; International Workshop on Regional Ocean Numerical Simulation and Observation, 30/05/2016 - 31/05/2016, Nanjing, Presenter(s): Robin Robertson

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

Book, JW, Rowley, C, Rice, AE, Smith, S, Steinberg, C, Brinkman, R, Jones, N, Lowe, R, Ivey, GN, Pattiaratchi, C; Interpreting glider measurements of internal tide packets in coastal environment; Glider Workshop, 05/10/2016 - 05/10/2016, La Spezia, Presenter(s): Jeff Book

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

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

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

James, C, Sandery, PA, Middleton, J, Mattner, T, et, al.; eSAMarine, Phase 1: Developing a now-cast/forecast system for Australia's Southern Shelves; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Charles James

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

Lenton, A; Past and future changes in ocean acidification around Australia; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Andrew Lenton

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

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

Skerratt, J, Davies, C, Baird, ME, Richardson, A, Mongin, M, Wild-Allen, K, Eriksen, R, Robson, B; Phytoplankton and zooplankton in the GBR: insights from IMOS NRS observations and the eReefs model; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Jenny Skerratt

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

Suthers, I, Smith, JA, Everett, JD, Miskiewic, AG, Richardson, A, Lara-Lopez, A; Long-term observations of weighted temperature-salinity habitats of larval fish in the western Tasman Front: seasonal, species and family level patterns; Australian Coastal and Oceans Modelling and Observations (ACOMO) Workshop, 11/10/2016 - 12/10/2016, Canberra, Presenter(s): Iain Suthers

Keating, S; Stochastic turbulence modelling for satellite observations of the ocean; Transport in Unsteady Flows, 15/01/2017 - 20/01/2017, Banff International Research Station, Banff, Presenter(s): Shane Keating

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

Bodrossy, L; Microbial oceanography in Australia: tools and opportunities; First Australia Singapore Joint Strategic Dialog on Innovation and Science. Marine Science Workshop, 30/03/2017 - 31/03/2017, Canberra, Presenter(s): Lev Bodrossy

Doubell, M; Review of FLNTU fluorescence calibration methods for IMOS moorings; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Mark Doubell

James, C; ADCP applications: modelling; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Charles James

Malthouse, P; SAIMOS BGC field sampling methods and data collection; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Paul Malthouse

Middleton, J; eSA Marine nowcast/forecast modelling with the BoM; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): John Middleton

Redondo-Rodriguez, A; QAQC of SAIMOS moored time series; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Ana Redondo-Rodriguez

Redondo-Rodriguez, A; SARDI CTD and ADCP time series methodology approach; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Ana Redondo-Rodriguez

van Ruth, P; SARDI/SAIMOS capabilities review; QA, QC and Product Summit, 05/06/2017 - 09/06/2017, South Australian Research and Development Institute, Adelaide, Presenter(s): Paul van Ruth

Seymour, JR, et, al.; BPA marine microbes project; Marine and Coastal Microbiome Workshop, 06/07/2017 - 07/07/2017, Melbourne, Presenter(s): Justin Seymour

van Ruth, P; Understanding the drivers of environmental change: harnessing variations in food web dynamics to maximise productivity; South Australian Shellfish Research and Development Workshop 2014, Port Lincoln, Presenter(s): Paul van Ruth