

# **Publications using IMOS data**

# Argo floats

Williams, A, Dunstan, P, Althaus, F, Barker, B, McEnnulty, F, Gowlett-Holmes, K, Keith, G 2010, Characterising the seabed biodiversity and habitats of the deep continental shelf and upper slope off the Kimberley coast, NW Australia, Comments: Final report to Woodside Energy Ltd. 94pp

Caputi, N, Feng, M, Penn, J, Slawinski, D, de Lestang, S, Weller, E, Pearce, A 2010, Evaluating source-sink relationships of the western rock lobster fishery using oceanographic modelling. Final FRDC Report – Project 2008/087, Fisheries Research Division, 2010, Perth

Bax, N 2011, Commonwealth Environment Research Facilities. Data used to predict origins of turtle deaths from beach strandings, Comments: Report to the Department of Sustainability, Environment, Water and Population and Communities, Canberra. Final Report 2007-2010

Rintoul, S, Sparrow, M, Meredith, MP, Wadley, V, Speer, K, Hofmann, E, Summerhayes, CP, Urban, E, Bellerby, R, Ackley, S, Alverson, K, Ansorge, I, Aoki, S, Azzolini, R, Beal, L, Belbeoch, M, Bergamasco, A, Biuw, M, Boehme, L, Budillon, G, Campos, L, Carlson, J, Cavanagh, R, Charpentier, E, Chul Shin, H, Coffin, M, Constable, A, Costa, D, Cronin, MF, De Baar, H, De Broyer, C, de Bruin, T, De Santis, L, Butler, E, Dexter, P, Drinkwater, M, England, MH, Fahrbach, E, Fanta, E, Fedak, M, Finney, K, Fischer, A, Frew, R, Garzoli, SL, Gernandt, H, Gladyshev, S, Gomis, D, Gordon, A, Gunn, J, Gutt, J, Haas, C, Hall, J, Heywood, K, Hill, K, Hindell, MA, Hood, M, Hoppema, M, Hosie, G, Howard, WR, Joiris, C, Kaleschke, L, Kang, S, Kennicutt, MC, Klepikov, A, Lembke-Jene, L, Lovenduski, N, Lytle, V, Mathieu, PP, Moltmann, T, Morrow, R, Muelbert, M, Murphy, E, Naganobu, M, Naveira Garabato, A, Nicol, S, O'Farrell, S, Ott, N, Piola, A, Piotrowicz, S, Proctor, R, Qiao, F, Rack, F, Ravindra, R, Ridgway, K, Rignot, E, Ryabinin, V, Sarukhanian, E, Sathyendranath, S, Schlosser, P, Schwarz, J, Smith, G, Smith, S, Southwell, C, Speich, S, Stambach, W, Stammer, D, Stanfield, K, Thiede, J, Thouvenot, E, Tilbrook, B, Wadhams, P, Wainer, I, Willmott Puig, V, Wijffels, S, Woodworth, P, Worby, A, Wright, SW 2012, The Southern Ocean Observing System: Initial science and implementation strategy, SCAR and SCOR, Cambridge University Press

Brassington, GB, Freeman, J, Huang, X, Pugh, TF, Oke, PR, Sandery, PA, Taylor, A, Andreu-Burillo, I, Schiller, A, Griffin, DA, Fiedler, R, Mansbridge, JV, Beggs, H, Spillman, CM 2012, Ocean model, analysis and prediction system: version 2, CAWCR - Centre for Australian Weather and Climate Research, Comments: Technical report No. 052

2012, The 13th Argo data management meeting report, Hyderabad, Comments: http://www.argo.ucsd.edu/DM13report.pdf

2012, Bio Argo data management meeting report, Hyderabad, Comments: http://www.argo.ucsd.edu/BGC1report.pdf

Poloczanska, ES, Hobday, A, Richardson, A 2012, Marine climate change in Australia, impacts and adaptation responses

2013, 14th meeting of the International Argo Steering Team report, Wellington, Comments: http://www.argo.ucsd.edu/iast14.pdf

2013, Reports - Audits of treatment of pressure drift in the Argo data stream, Comments: http://www.cmar.csiro.au/argo/dmqc/ (latest version March 2013)

Herzfeld, M, Andrewartha, J, Baird, ME, Brinkman, GW, et, al. 2014, eReefs WP3 marine modelling: phase II interim report

Miles, E, Griesser, A, Charles, A, Spillman, CM 2014, The Pacific-Australia climate change science and adaptation planning program's seasonal prediction websites, CAWCR - Centre for Australian Weather and Climate Research, Comments: Technical Report: NO 072 pp 26

Feng, M 2014, La Nina forces unprecedented Leeuwin Current warming in 2011, Comments: Fisheries Research Report No.250 40pp

Caputi, N, Feng, M, de Lestang, S, Penn, J, Slawinski, D, Pearce, A, Weller, E, How, J 2014, Identifying factors affecting the low western rock lobster puerulus settlement in recent years, Comments: Fisheries Research Report 255, 155pp.

Caputi, N, Feng, M, Pearce, A, et, al. 2015, Management implications of climate change effect on fisheries in Western Australia: part 1 environmental change and risk assessment, Comments: FRDC Project 2010/535, Fisheries Report 260, 180pp., DOI: 10.13140/RG.2.1.2240.7200

Griffin, DA 2015, OceanCurrent model validation - Applied Research Program 3

Courtney, AJ, Spillman, CM, Lemos, R, Thomas, J, Leigh, G, Campbell, AH 2015, Physical oceanographic influences on Queensland reef fish and scallops, Comments: FRDC Project #2013/020 Final Report 153

Yu, W, et, al. 2016, The rationale, design and implementation plan for biogeochemical-Argo., Comments: East Indian Ocean Upwelling Research Initiative (EIOURI) science plan

Caputi, N, Feng, M, Pearce, A, et, al. 2016, Management implications of climate change effect on fisheries in Western Australia: part 2: case studies, Comments: FRDC Project 2010/535. Fisheries Research Report 261, Department of Fisheries, Western Australia, 156pp.

2016, State of Climate 2016, Bureau of Meteorology and CSIRO, Comments: https://www.csiro.au/state-of-the-climate

Report Count 20

# Ships of opportunity

Poloczanska, ES, Hobday, A, Richardson, A 2009, Report card of marine climate change for Australia 2009, NCCARF

Middleton, J, James, C, Luick, J, Goldsworthy, S, Tsolos, A, Teixeria, CEP, Richardson, L 2011, Survey of sonar test sites, phase 1, literature review. Milestone 3: FINAL REPORT

Verein, R, Beggs, H, Schulz, E, Paltoglou, G 2011, Report on Rottnest ferry SST validation tests

Ryan, T 2011, Overview of data collection, management and processing procedures of underway acoustic data - IMOS BASOOP sub-facility., Hobart

Keith, G, Ryan, T, Downie, R 2011, IMOS SOOP-BA netCDF Manual

Takahashi, KT, Hosie, G, Kitchener, JA, McLeod, DJ, Stevens, C, Robinson, K, Jonas, T, Fukuchi, M 2012, Report on "Southern Ocean CPR Standards Workshop - SCAR Expert Group on CPR Research", Nankyoku Shiryou (Antarctic Record)

Rintoul, S, Sparrow, M, Meredith, MP, Wadley, V, Speer, K, Hofmann, E, Summerhayes, CP, Urban, E, Bellerby, R, Ackley, S, Alverson, K, Ansorge, I, Aoki, S, Azzolini, R, Beal, L, Belbeoch, M, Bergamasco, A, Biuw, M, Boehme, L, Budillon, G, Campos, L, Carlson, J, Cavanagh, R, Charpentier, E, Chul Shin, H, Coffin, M, Constable, A, Costa, D, Cronin, MF, De Baar, H, De Broyer, C, de Bruin, T, De Santis, L, Butler, E, Dexter, P, Drinkwater, M, England, MH, Fahrbach, E, Fanta, E, Fedak, M, Finney, K, Fischer, A, Frew, R, Garzoli, SL, Gernandt, H, Gladyshev, S, Gomis, D, Gordon, A, Gunn, J, Gutt, J, Haas, C, Hall, J, Heywood, K, Hill, K, Hindell, MA, Hood, M, Hoppema, M, Hosie, G, Howard, WR, Joiris, C, Kaleschke, L, Kang, S, Kennicutt, MC, Klepikov,

A, Lembke-Jene, L, Lovenduski, N, Lytle, V, Mathieu, PP, Moltmann, T, Morrow, R, Muelbert, M, Murphy, E, Naganobu, M, Naveira Garabato, A, Nicol, S, O'Farrell, S, Ott, N, Piola, A, Piotrowicz, S, Proctor, R, Qiao, F, Rack, F, Ravindra, R, Ridgway, K, Rignot, E, Ryabinin, V, Sarukhanian, E, Sathyendranath, S, Schlosser, P, Schwarz, J, Smith, G, Smith, S, Southwell, C, Speich, S, Stambach, W, Stammer, D, Stanfield, K, Thiede, J, Thouvenot, E, Tilbrook, B, Wadhams, P, Wainer, I, Willmott Puig, V, Wijffels, S, Woodworth, P, Worby, A, Wright, SW 2012, The Southern Ocean Observing System: Initial science and implementation strategy, SCAR and SCOR, Cambridge University Press

Poloczanska, ES, Hobday, A, Richardson, A 2012, Marine climate change in Australia, impacts and adaptation responses

Brassington, GB, Freeman, J, Huang, X, Pugh, TF, Oke, PR, Sandery, PA, Taylor, A, Andreu-Burillo, I, Schiller, A, Griffin, DA, Fiedler, R, Mansbridge, JV, Beggs, H, Spillman, CM 2012, Ocean model, analysis and prediction system: version 2, CAWCR - Centre for Australian Weather and Climate Research, Comments: Technical report No. 052

Richardson, A, Davies, C, Slotwinski, A, Coman, F, Tonks, M, Rochester, W, Murphy, N, Beard, J, McKinnon, D, Swadling, K 2013, Australian marine zooplankton: taxonomic sheets

Caputi, N, Feng, M, de Lestang, S, Penn, J, Slawinski, D, Pearce, A, Weller, E, How, J 2014, Identifying factors affecting the low western rock lobster puerulus settlement in recent years, Comments: Fisheries Research Report 255, 155pp.

Miles, E, Griesser, A, Charles, A, Spillman, CM 2014, The Pacific-Australia climate change science and adaptation planning program's seasonal prediction websites, CAWCR - Centre for Australian Weather and Climate Research, Comments: Technical Report: NO 072 pp 26

Edwards, M, Helaouet, P, Johns, DG, Batten, S, et, al. 2014, Global Marine Ecological Status Report: the ecological status of the marine pelagic environment based on observations from the global Continuous Plankton Recorder surveys 2012/2013, Plymouth, Comments: SAHFOS Technical Report, 10: 1.37. ISSN 1744-0750

Herzfeld, M, Andrewartha, J, Baird, ME, Brinkman, GW, et, al. 2014, eReefs WP3 marine modelling: phase II interim report

Caputi, N, Feng, M, Pearce, A, et, al. 2015, Management implications of climate change effect on fisheries in Western Australia: part 1 environmental change and risk assessment, Comments: FRDC Project 2010/535, Fisheries Report 260, 180pp., DOI: 10.13140/RG.2.1.2240.7200

Bax, N, Hedge, P 2015, Marine Biodiversity Hub, National Environmental Research Program, final report 2011-2015., Hobart

Courtney, AJ, Spillman, CM, Lemos, R, Thomas, J, Leigh, G, Campbell, AH 2015, Physical oceanographic influences on Queensland reef fish and scallops, Comments: FRDC Project #2013/020 Final Report 153

Brando, V, Schroeder, T, King, E, Dyce, P 2015, Reef rescue marine monitoring program: using remote sensing for GBR-wide water quality, Comments: Final report for 2012/13 activities, CSIRO report to the Great Barrier Reef Marine Park Authority, 213pp.

Richardson, A, Eriksen, R, Rochester, W 2015, Plankton 2015: state of Australia's oceans, Comments: CSIRO Report; ISBN 978-1-4863-0565-0

Hayes, K, Dambacher, J, Hedge, P, et, al. 2015, Towards a blueprint for monitoring key ecological features in the Commonwealth Marine Area, Comments: NERP MArine Biodiversity Hub Report

Edwards, M, Helaouet, P, Batten, S, et, al. 2016, Global Marine Ecological Status Report: based on observations from the global ocean Continuous Plankton Recorder surveys 2014/2015, Plymouth, Comments: SAHFOS Technical Report, 11: 1-32. ISSN 1744-0750

2016, State of Climate 2016, Bureau of Meteorology and CSIRO, Comments: https://www.csiro.au/state-of-the-climate

Evans, K, Bax, N, Smith, D 2017, Australia State of the Environment 2016: Marine Environment, independent report to the Australian Government Minister for the Environment and Energy, Australian Government Department of the Environment

and Energy

Kunnath, H, Kloser, R 2017, Latest bioacoustic tracks from FV Antarctic Discovery provide unique data to IMOS

2017, A Twenty-Year Dynamical Oceanic Climatology: 1994-2013. Part 1: Active Scalar Fields: Temperature, Salinity, Dynamic Topography, Mixed-Layer Depth, Bottom Pressure, DSpace@MIT, Comments: ECCO Consortium - Authors

2017, Potential impacts on zooplankton of seismic activity, Comments: CSIRO APPEA Report, 36pp.

Singleton, E 2017, Critical critters of the ocean: Our precious plankton, Comments: CSIRO Plankton Blog - https://blog.csiro.au/critical-critters-of-the-ocean-our-precious-plankton/

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#### Deep water moorings

Rintoul, S, Sparrow, M, Meredith, MP, Wadley, V, Speer, K, Hofmann, E, Summerhayes, CP, Urban, E, Bellerby, R, Ackley, S, Alverson, K, Ansorge, I, Aoki, S, Azzolini, R, Beal, L, Belbeoch, M, Bergamasco, A, Biuw, M, Boehme, L, Budillon, G, Campos, L, Carlson, J, Cavanagh, R, Charpentier, E, Chul Shin, H, Coffin, M, Constable, A, Costa, D, Cronin, MF, De Baar, H, De Broyer, C, de Bruin, T, De Santis, L, Butler, E, Dexter, P, Drinkwater, M, England, MH, Fahrbach, E, Fanta, E, Fedak, M, Finney, K, Fischer, A, Frew, R, Garzoli, SL, Gernandt, H, Gladyshev, S, Gomis, D, Gordon, A, Gunn, J, Gutt, J, Haas, C, Hall, J, Heywood, K, Hill, K, Hindell, MA, Hood, M, Hoppema, M, Hosie, G, Howard, WR, Joiris, C, Kaleschke, L, Kang, S, Kennicutt, MC, Klepikov, A, Lembke-Jene, L, Lovenduski, N, Lytle, V, Mathieu, PP, Moltmann, T, Morrow, R, Muelbert, M, Murphy, E, Naganobu, M, Naveira Garabato, A, Nicol, S, O'Farrell, S, Ott, N, Piola, A, Piotrowicz, S, Proctor, R, Qiao, F, Rack, F, Ravindra, R, Ridgway, K, Rignot, E, Ryabinin, V, Sarukhanian, E, Sathyendranath, S, Schlosser, P, Schwarz, J, Smith, G, Smith, S, Southwell, C, Speich, S, Stambach, W, Stammer, D, Stanfield, K, Thiede, J, Thouvenot, E, Tilbrook, B, Wadhams, P, Wainer, I, Willmott Puig, V, Wijffels, S, Woodworth, P, Worby, A, Wright, SW 2012, The Southern Ocean Observing System: Initial science and implementation strategy, SCAR and SCOR, Cambridge University Press

Schulz, E, Majewski, L 2012, Oceansat-2 wind validation using OceanSITES moorings

Poloczanska, ES, Hobday, A, Richardson, A 2012, Marine climate change in Australia, impacts and adaptation responses

Schulz, E 2013, Marine National Facility Chief Scientist's report SS2013\_V06

Trull, T 2013, Australian Marine National Facility Southern Surveyor voyage SS2013\_V03 Chief Scientist report

Jansen, P 2014, SOTS oxygen measurements 2009-2014, SOTS oxygen data summary, Comments: CSIRO Marine and Atmospheric Research, internal report

Richardson, A, Eriksen, R, Rochester, W 2015, Plankton 2015: state of Australia's oceans, Comments: CSIRO Report; ISBN 978-1-4863-0565-0

Trull, T 2015, Marine National Facility RV Investigator voyage IN2015\_v01 - IMOS Southern Ocean Time Series automated moorings for climate and carbon cycle studies Southwest of Tasmania voyage, Comments: Chief Scientist Summary Report

Trull, T 2015, Marine National Facility RV Investigator voyage IN2014\_E04 - Mooring trials voyage, Comments: Chief Scientist Narrative

Trull, T, Schulz, E, Protat, A, Strutton, P 2016, Marine National Facility IN2016\_V02 Southern Ocean Time Series report

Rigual-Hernandez, A, McCartney, K, Trull, T, Ballegeer, A, Lawler, K, Bray, SG, Armand, L 2016, Silicoflagellate species diversity in the Australian sector of the Southern Ocean, ASPAB Membership Newsletter - Phytobytes

2016, Orcina Project 1353 CSIRO SOFS Buoy Mooring Analysis Report, Orcina LTD, Comments: Daltongate, Cumbria, UK, 18pp.

Trull, T 2017, RV Investigator Voyage INV2017\_v02 Scientific Highlights and Summary Report, Comments: CSIRO Marine National Facility Report Series, 43pp.

Schallenberg, C, Jansen, P, Trull, T 2017, Southern Ocean Time Series (SOTS) Quality Assessment and Control Report, Wetlabs FLNTUS instruments fluorescence and backscatter records, 2009-2016 Pulse and SOFS moorings, Comments: CSIRO Technical Report Series SOTS001, 40pp.

Trull, T 2017, Australian Antarctic Science Program, Comments: Annual Milestone Report, Season 2016/17, Project 4352, Integrated Marine Observing System Southern Ocean Time Series automated moorings for climate and carbon cycle studies southwest of Tasmania, 12pp.

Report Count 15

# Ocean gliders

Poloczanska, ES, Hobday, A, Richardson, A 2012, Marine climate change in Australia, impacts and adaptation responses

Schaeffer, A, Roughan, M 2014, Marine Virtual Laboratory (MARVL) - high-resolution ROMS test: the East Australian Current at 30S in Solitary Island Marine Park

Herzfeld, M, Andrewartha, J, Baird, ME, Brinkman, GW, et, al. 2014, eReefs WP3 marine modelling: phase II interim report

Bax, N, Hedge, P 2015, Marine Biodiversity Hub, National Environmental Research Program, final report 2011-2015., Hobart

Griffin, DA 2015, OceanCurrent model validation - Applied Research Program 3

Report Count 5

#### Autonomous underwater vehicle

Bridge, T, Guinotte, J 2011, Mesophotic coral reef ecosystems in the Great Barrier Reef World Heritage Area: Their distribution and possible role as refugia from disturbance., Comments: Report to the Great Barrier Reef Marine Park Authority

Meyer, L, Hill, N, Walsh, P, Barrett, N 2011, Methods for the processing and scoring of AUV digital imagery from South Eastern Tasmania., Institute for Marine and Antarctic Studies (IMAS), Hobart, Comments: Internal Report

Abbey, E, Lenanton, R, Jackson, GD, Moore, J, Feng, M, Gaughan, D 2011, The "marine heat wave" off Western Australia during the summer of 2010/11. Fisheries Research Report No. 222

Poloczanska, ES, Hobday, A, Richardson, A 2012, Marine climate change in Australia, impacts and adaptation responses

Bax, N, Hedge, P 2015, NERP Marine Biodiversity Hub final report 2011-2015, Comments: A report to the Antional Environmental Research Programme, Marine Biodiversity Hub. Published by CSIRO, 91pp. ISBN: 9781486305254

Bax, N, Hedge, P 2015, Marine Biodiversity Hub, National Environmental Research Program, final report 2011-2015., Hobart

Lawrence, E, Hovey, RK, Harvey, ES, Kendrick, G, Williams, S, Hayes, K 2015, Application of NERP Biodiversity Hub survey methodology to Geographe Commonwealth Marine Reserve

Monk, J, Barrett, N, James, L, et, al. 2016, Seafloor biota, rock lobster and demersal fish assemblages of the Tasman Fracture Commonwealth Marine Reserve Region: determining the influence of the shelf sanctuary zone on population demographics, Comments: A report to the National Environmental Research Programme, Marine Biodiversity Hub. Published by the University of Tasmania, 97pp. ISBN: 9781862958715

Althaus, F, Barrett, N, Dambacher, J, Davies, P, et, al. 2016, Analysis of approaches for monitoring biodiversity in Commonwealth waters: field work report, Comments: A report to the National Environmental Research Programme, Marine Biodiversity Hub. Published by CSIRO, 112pp..

Report Count 9

### National mooring network

Caputi, N, Feng, M, Penn, J, Slawinski, D, de Lestang, S, Weller, E, Pearce, A 2010, Evaluating source-sink relationships of the western rock lobster fishery using oceanographic modelling. Final FRDC Report – Project 2008/087, Fisheries Research Division, 2010, Perth

Negri, A, Speare, P, Berkelmans, R, Stieglitz, T, Botting, R, Steinberg, C, Brinkman, R, Heron, M, Doherty, P 2010, Douglas Shoal ship grounding survey: RV Cape Ferguson habitat damage monitoring using multibeam sonar and towed video assessments, Comments: Final Confidential Report to GBRMPA

Middleton, J, James, C, Luick, J, Goldsworthy, S, Tsolos, A, Teixeria, CEP, Richardson, L 2011, Survey of sonar test sites, phase 1, literature review. Milestone 3: FINAL REPORT

Brinkman, R, Herzfeld, M, Andrewartha, J, Rizwi, F, Steinberg, C, Spagnol, S 2011, Project 2.5i.1 hydrodynamics at the whole-of-GBR scale: A foundation for receiving water quality models. Final Report to the Marine and Tropical Sciences Research Facillity

Abbey, E, Lenanton, R, Jackson, GD, Moore, J, Feng, M, Gaughan, D 2011, The "marine heat wave" off Western Australia during the summer of 2010/11. Fisheries Research Report No. 222

Huveneers, C, Rogers, P, Beckman, C, Semmens, J, Bruce, B, Seuront, L 2012, Effects of a cage-diving operation on the fine-scale movement of white sharks (Carcharodon carcharias). Final report to the Department of Environment, Water and Natural Resources Wildlife Conservation Fund and Nature Foundations of South Australia, SARDI, Adelaide, Comments: F2012/000417-1 SArdi Res REp No. 657

Huveneers, C, Rogers, P, Drew, M 2012, Residency and movements of whaler sharks (Carcharhinus spp) in Gulf St Vincent. Final Report to the Nature Foundation of South Australia, SARDI, Adelaide, Comments: F2012/000246-1 SARDI Res Rep Series No. 664

Fowler, A, Sterr, MA, Huveneers, C, Lloyd, M, Jackson, W 2012, Understanding the movement of Snapper (Pagrus auratus) and its contribution to the changing spatial structure of South Australia's Snapper Fishery. Progress report for the 2011-12 South Australian Research and Development Institute, SARDI, Adelaide, Comments: F2012/000366-1 SARDI Res Rep No. 650

Feng, M, Caputi, N, Pearce, A 2012, Leeuwin Current, Comments: www.oceanclimatechange.org.au

Poloczanska, ES, Hobday, A, Richardson, A 2012, Marine climate change in Australia, impacts and adaptation responses

Rogers, P, Ward, T, van Ruth, P, Williams, A, Bruce, B, Connell, SD, Currie, DR, Davies, C, Evans, K, Gillanders, B, Goldsworthy, S, Griffin, DA, Hardman-Mountford, NJ, Ivey, AR, Kloser, R, Middleton, J, Richardson, A, Ross, AE, Tanner, JE, Young, J 2013, Physical processes, biodiversity and ecology of the Great Australian Bight region: a literature review, CSIRO

Neverauskas, V 2013, Fish and dolphin mortalities in South Australia, March-April 2013, Adelaide

Strzelecki, J, Feng, M, Berry, O, Zhong, L, Keesing, J, Fairclough, D, Pearce, A, Slawinski, D, Mortimer, N 2013, Location and transport of early life stages of West Australian dhufish Glaucosoma hebraicum, Comments: Project #2011/016

Wallace, K 2013, Bimonthly water quality and subtidal sedimentation - Dredging Report 3, Ichthys Project Nearshore Environmental Monitoring Program, Comments: L384-AW-REP-10192, Prepared for INPEX, July 2013

Wallace, K, Van Senden, D 2013, Bimonthly water quality and subtidal sedimentation - Dredging Report 4, Ichthys Project Nearshore Environmental Monitoring Program, Comments: L384-AW-REP-10192, Prepared for INPEX, July 2013

Wallace, K 2013, Bimonthly water quality and subtidal sedimentation - Dredging Report 5, Ichthys Project Nearshore Environmental Monitoring Program, Comments: L384-AW-REP-10194, Prepared for INPEX, August 2013

Bradford, A 2013, Bimonthly water quality and subtidal sedimentation - Dredging Report 6, Ichthys Project Nearshore Environmental Monitoring Program, Comments: L384-AW-REP-10195, Prepared for INPEX, October 2013

Pearce, A 2013, Regional temperature variability along the Western Australian continental shelf over the past decade, Comments: Fisheries Res Rep No 222 2 years on

Caputi, N, Feng, M, Pearce, A, Molony, B, Joll, L 2013, Management implications of climate change effects on fisheries in WA: an example of an extreme event, Perth, Comments: Fisheries Res Rep No 222 2 years on

Doubell, M, James, C, van Ruth, P, Luick, J, Middleton, J 2013, Modelling biogeochemical cycles in Spencer Gulf: development of a nitrogen based ecosystem model and implications for aquaculture, SARDI, Adelaide, Comments: FRDC Project 2009/046 SARDI Pub #F2013/000311-1 Report Series No 705. 97pp

van Ruth, P, Doubell, M 2013, Spatial and temporal variation in primary and secondary productivity and lower trophic ecosystem function in Spencer Gulf, South Australia, SARDI, Adelaide, Comments: FRDC Project 2009/046 SARDI Pub #F2013/000311-1 Report Series No 705. 97pp

Middleton, J, Doubell, M, James, C, Luick, J, van Ruth, P 2013, PIRSA Initiative II: carrying capacity of Spencer Gulf: hydrodynamic and biogeochemical measurement modelling and performance monitoring, SARDI, Adelaide, Comments: FRDC Project 2009/046 SARDI Pub #F2013/000311-1 Report Series No 705. 97pp

Leterme, S 2013, Quality assurance/quality control for SAIMOS biological data, 2008-2010, Comments: Internal SAIMOS report

Duncan, A, Gavrilov, AS, McCauley, R 2014, Results of analysis of Scott Reef IMOS underwater sound recorder data for the time of the disapearance of Malaysian Airlines flight MH370 on 8th March 2014

Feng, M 2014, La Nina forces unprecedented Leeuwin Current warming in 2011, Comments: Fisheries Research Report No.250 40pp

Caputi, N 2014, FRDC climate change project: example of an extreme event, Comments: Fisheries Research Report No.250, 40pp.

Rigby, P, Williams, DK, Steinberg, C 2014, Darwin National Reference Station, deployment dates: June 2013 - January 2014, Data and servicing report to Darwin Port Corporation, Comments: Australian Institute of Marine Science, 15 pp

Williams, DK, Patterson, R 2014, Assessment of physical conditions and dredge modelling of proposed tug berth at East Arm Wharf, Comments: AIMS report for Darwin Port Corporation

Patterson, R, Williams, DK 2014, East Arm Wharf marine supply base current velocity survey, ADCP survey results and hydrodynamic modelling, Comments: AIMS report for Darwin Port Corporation

Schaeffer, A, Roughan, M 2014, Marine Virtual Laboratory (MARVL) - high-resolution ROMS test: the East Australian Current at 30S in Solitary Island Marine Park

de Boer, P 2014, Mooring bungee RIB funding summary, Comments: Internal report to CSIRO

Hughes, M 2014, Bimonthly water quality and subtidal sedimentation - Dredging Report 7, Ichthys Project Nearshore Environmental Monitoring Program, Comments: L384-AW-REP-10196, Prepared for INPEX, January 2014

Waite, A, Beckley, L, Jeffs, A, Saunders, M, Sawstrom, C, O'Rorke, R, Raes, E, Thompson, P, Feng, M, Caputi, N, Sachlikidis, N, Chan, S, Wang, M, Sutton, A 2014, Biological oceanography of western rock lobster larvae

McCauley, R 2014, Pygmy blue whale presence in and around Scott Reef Kimberley Western Australia

Wijeratne, S, Pattiaratchi, C 2014, Experimental ROMS simulation using WebMARVL configuration - Perth Rottnest Shelf

Spagnol, S, Brinkman, R, Williams, DK 2014, Marine Virtual Laboratory (MARVL) an evaluation of a WebMARVL configured model grid to Darwin Harbour/Beagle Gulf

Cahill, M 2014, MARVL Report: SHOC simulation of the Southern Barrier Reef region

Duncan, A, Gavrilov, AS, McCauley, R 2014, Analysis of low frequency underwater acoustic signals possibly related to the loss of Malaysian Airlines flight MH370

Williams, DK, Patterson, R 2014, East Arm multi-user barge ramp sediment and dredge modelling

Patterson, R, Williams, DK 2014, Sediment transport and bed material testing to support the Darwin Harbour sediment transport model, Comments: Report for LAnd Development Corporation, Australian Institute of Marine Science, Darwin.

Caputi, N, Jackson, GD, Pearce, A 2014, The marine heat wave off Western Australia during the summer of 2010/11 - 2 years on, Comments: Fisheries Research Report 250, 36pp.

Caputi, N, Feng, M, de Lestang, S, Penn, J, Slawinski, D, Pearce, A, Weller, E, How, J 2014, Identifying factors affecting the low western rock lobster puerulus settlement in recent years, Comments: Fisheries Research Report 255, 155pp.

Rigby, P, Steinberg, C, Williams, DK 2014, Darwin National Reference Station and Beagle Gulf Mooring, deployment dates January 2014 to September 2014, Comments: Data and Servicing Report to Darwing Port Corporation

Rigby, P, Steinberg, C, Williams, DK 2015, Darwin National Reference Station and Beagle Gulf Mooring, deployment dates September 2014 to February 2015, Comments: Data and Servicing Report to Darwin Port Corporation, AIMS, 26 pp

Suthers, I 2015, Do coastal currents feed the harvest from purpose-built offshore artificial reefs?

McLeay, L, Doubell, M, Dixon, C, Andreacchio, L, James, C, Luick, J, Middleton, J 2015, Prawn and Crab harvest optimisation: a bio-physical management tool, Comments: Final Report to FRDC No. 2008/011, 80pp.

Doubell, M, James, C, Middleton, J 2015, Modelling of oceanographic variables for the development of additional finfish aquaculture in Spencer Gulf, Comments: Final Report - SARDI Publication No. F2014/000740-1

Redondo-Rodriguez, A, King, E, Doubell, M 2015, Validation of MODIS imagery in the Great Australian Bight, GAB Res. Project report, SARDI, Adelaide, Comments: CRC Project No. 2013/746

Gillanders, B, Goldsworthy, S, Prowse, TAA, Doubell, M, Middleton, J, Rogers, P, Tanner, JE, Luick, J, van Ruth, P, Bradshaw, CJA, Ward, T 2015, Spencer Gulf research initiative: development of an ecosystem model for fisheries and aquaculture, Comments: Final Report for FRDC, Project No. 2011/205 116pp

Loo, M, Doubell, M 2015, Tuna and Finfish Aquaculture Environmental Program 2015/16 to 2018/19

Williams, DK 2015, Model runs for the simulation of ship navigation, marine supply base channel, East Arm, Darwin Harbour, Comments: Darwin Port Corporation

Williams, DK, Windsor, J 2015, Report on tidal currents in the proposed tug berth area, East Arm Wharf, Darwin Harbour, Comments: Darwin Port Corporation

Williams, DK, Windsor, J 2015, Report on tidal currents in the marine supply base channel, neap tides, Comments: Darwin Port Corporation

Williams, DK, Butler, E 2015, Darwin Harbour wet season suspended particle and nutrient fluxes, Comments: Metadata and Progress Report

Richardson, A, Eriksen, R, Rochester, W 2015, Plankton 2015: state of Australia's oceans, Comments: CSIRO Report; ISBN 978-1-4863-0565-0

Hayes, K, Dambacher, J, Hedge, P, et, al. 2015, Towards a blueprint for monitoring key ecological features in the Commonwealth Marine Area, Comments: NERP MArine Biodiversity Hub Report

Caputi, N, Feng, M, Pearce, A, et, al. 2015, Management implications of climate change effect on fisheries in Western Australia: part 1 environmental change and risk assessment, Comments: FRDC Project 2010/535, Fisheries Report 260, 180pp., DOI: 10.13140/RG.2.1.2240.7200

Brando, V, Schroeder, T, King, E, Dyce, P 2015, Reef rescue marine monitoring program: using remote sensing for GBR-wide water quality, Comments: Final report for 2012/13 activities, CSIRO report to the Great Barrier Reef Marine Park Authority, 213pp.

Doubell, M, Ward, T, Watson, PJ, James, C, Carrol, J, Redondo-Rodriguez, A 2015, Optimising the size and quality of sardines through real-time harvest monitoring, Comments: South Australian Research and Development Institute (Aquatic Sciences), Adelaide. Australian Seafood Cooperative research Centre, Project No. 2013/746, 47 pp

Bax, N, Hedge, P 2015, Marine Biodiversity Hub, National Environmental Research Program, final report 2011-2015., Hobart

Middleton, J, James, C, Doubell, M, Malthouse, P 2015, Oceanographic observations of currents and temperature in the Wallaroo aquaculture zone, Comments: Final Report prepared for Clean Seas Tuna Ltd. South Australian Research and Development Institute (Aquatic Sciences), Adelaide. SARDI Publication No. F2015/000364-1. SARDI Research Report Series No. 842. 14pp

Griffin, DA 2015, OceanCurrent model validation - Applied Research Program 3

Rigby, P, Steinberg, C, Williams, DK 2015, Data and servicing report: Darwin National Reference Station and Beagle Gulf Mooring, deployment dates: September 2014 to February 2015, Comments: Data and Servicing report to Darwin Port Corporation, AIMS, 26pp

Rigby, P, Steinberg, C, Williams, DK 2016, Data and servicing report: Darwin National Reference Station and Beagle Gulf Mooring, deployment dates: February 2015 to February 2016, Comments: Data and Servicing Report to Darwin Port, IMOS & AIMS, 24 pp.

Evans-Illidge, L, Tonin, H, Lawrey, E, Steinberg, C, Johns, K, Emslie, M, Brinkman, R 2016, Preliminary baseline knowledge to support a first-stage marine-environmental assessment of proposed in-sea desalination pipeline infrastructure at Great Palm Island (Bwgcolman), supplementary report - The Northern Site, Queensland, Comments: Report prepared for Palm Island Aboriginal Shire Council and the Queensland Department of Infrastructure, Local Government Planning. AIMS, Townsville, 58 pp.

Thompson, P, O'Brien, TD, Isensee, K, Lorenzoni, L, Beckley, L 2016, The Indian Ocean, in What are Marine Ecological Time Series telling us about the ocean? A status report., Paris, Comments: O'Brien, T.D., Isensee, K., Lorenzoni, L., Valdés, J.L. (eds). IOC-UNESCO, Paris. IOC Technical Series, No. 129

McCulloch, M, et, al. 2016, Perth Canyon ROV exploration and sampling, Comments: Schmidt Ocean Institute Cruise FK150301 Report

McCauley, R 2016, Sea noise summary, IMOS Kangaroo Island December 2014 to November 2015: whale; fish; seismic survey; vessel; and ambient noise, Perth, Comments: CMST University Report

Baldry, K 2016, Report on CSIRO vacation scholarship: carbonate system of Australian coastal waters from IMOS NRS and VOS measurements

Williams, DK, Steinberg, C, Spain, P 2016, ADCP-based monitoring system aids operations in Darwin Harbour, Marine Technology Reporter, Comments: Ocean Observation, September 2016

Smith, JA, Suthers, I, Lara-Lopez, A, Richardson, A, Swadling, K, Ward, T, van Ruth, P, Everett, JD 2016, An evaluation of ichthyoplankton monitoring at national reference stations. Final report to the Australian Fisheries Management Authority (AFMA), Comments: Project 2015/0819

2016, State of Climate 2016, Bureau of Meteorology and CSIRO, Comments: https://www.csiro.au/state-of-the-climate

McCauley, R 2016, IMOS water temperature long term trend, shelf break SSE of Forster / Tuncurry NSW, February 2010 to September 2015, Comments: Prepared for Wallace Lake Fishing Cooperative. CMST-2016-19, 8 pp., 5 Fig

Gavrilov, AS 2016, Statistics of ocean ambient noise in three potential areas of acoustic glider operation, Comments: Technical report for Defence Science and Technology Group, CMST Curtin University, CMST R2016-17, 10 pp, 7 Fig.

Thompson, P, O'Brien, TD, Lorenzoni, L, Richardson, A, Chavez, F 2016, The South Pacific Ocean, in What are Marine Ecological Time Series telling us about the ocean? A status report., Paris, Comments: O'Brien, T.D., Isensee, K., Lorenzoni, L., Valdés, J.L. (eds). IOC-UNESCO, Paris. IOC Technical Series, No. 129.

McCauley, R 2016, Great Australian Bight sea noise 2015: whale; fish; seismic survey; and ambient noise, Comments: Prepared for CSIRO & SARDI, CMST 2016-14, 38pp., 34 Fig.

Evans, K, Bax, N, Smith, D 2017, Australia State of the Environment 2016: Marine Environment, independent report to the Australian Government Minister for the Environment and Energy, Australian Government Department of the Environment and Energy

Report Count 77

#### Ocean radar

Poloczanska, ES, Hobday, A, Richardson, A 2012, Marine climate change in Australia, impacts and adaptation responses

Wijeratne, S, Pattiaratchi, C 2014, Experimental ROMS simulation using WebMARVL configuration - Perth Rottnest Shelf

Coughlan, I 2014, Marine Virtual Laboratory (MARVL) SWAN Wave Model - stage 2 test cases report, Comments: WRL Research Report 257

Schaeffer, A, Roughan, M 2014, Marine Virtual Laboratory (MARVL) - high-resolution ROMS test: the East Australian Current at 30S in Solitary Island Marine Park

Bax, N, Hedge, P 2015, Marine Biodiversity Hub, National Environmental Research Program, final report 2011-2015., Hobart

Griffin, DA 2015, OceanCurrent model validation - Applied Research Program 3

Report Count

## Animal tracking

Barnett, A, Tracey, S, Semmens, J, Lyle, J, Stevens, JD, Forbes, E 2008, Movement patterns, habitat use and species interactions of key shark and finfish species in coastal systems, Comments: AATAMS Receiver Pool Yearly Reports

Speed, CW, Meekan, MG, Field, IC, Huveneers, C, Harcourt, R, McCauley, R, Stevens, JD, McGregor, F, Bradshaw, CJA 2008, Monitoring reef shark movement patterns with the Ningaloo Reef ecosystem tracking array, Comments: In Waples, K and Hollander, E. 2008. Ningaloo Research Progress Report: Discovering Ningaloo – latest findings and their implications for management

Stieglitz, T 2008, The Yongala's Halo of Holes - Who is digging It?, Comments: AATAMS Receiver Pool Yearly Reports

Field, IC, Bradshaw, CJA, Meekan, MG 2008, Habitat use and migration patterns of silvertip and grey reef sharks at the Rowley Shoals, Western Australia, Comments: AATAMS Receiver Pool Yearly Reports

Bennett, M, Townsend, K, Weeks, S, Richardson, A, Couturier, L, Jaine, F 2009, Project Manta, Comments: AATAMS Receiver Pool Yearly Reports

Fox, R 2009, Movement patterns and habitat use of rabbitfishes (f. Siganidae) on the Great Barrier Reef as a link to ecosystem function, Comments: AATAMS Receiver Pool Half Yearly Reports

Barnett, A, Tracey, S, Semmens, J, Lyle, J, Stevens, JD, Forbes, E 2009, Movement patterns, habitat use and species interactions of key shark and finfish species in coastal systems, Comments: AATAMS Receiver Pool Half Yearly Reports

Dunstan, A 2009, Project: Coral Sea nautilus tracking, Comments: AATAMS Receiver Pool Yearly Reports

Bryars, S 2009, What size do marine protected area sanctuary zones need to be in order to protect the near-threatened Western Blue Groper and Harlequin Fish?, Comments: AATAMS Receiver Pool Yearly Reports

Speed, CW, Field, IC, Meekan, MG, Bradshaw, CJA 2009, Movement feeding and behaviour of reef sharks at Ningaloo Reef, Western Australia, Comments: AATAMS Receiver Pool Yearly Reports

Pillans, R, Babcock, R, Patterson, T, How, J, Hyndes, G 2009, WAMSI final report 3.2.2e: adequacy of zoning in the Ningaloo Marine Park, Western Australian Marine Science Institution, Perth

Stevens, JD, Last, P, White, W, McCauley, R, Meekan, MG 2009, WAMSI final report: diversity, abundance and habitat utilisation of sharks and rays, Western Australian Marine Science Institution, Perth

Vianna, G, Meekan, MG, Pannell, D, Marsh, S, Meeuwig, J 2010, Wanted dead or alive? The relative value of reef sharks as a fishery and an ecotourism asset in Palau, Comments: Technical report for PEW Charitable Trust

Middleton, J, James, C, Luick, J, Goldsworthy, S, Tsolos, A, Teixeria, CEP, Richardson, L 2011, Survey of sonar test sites, phase 1, literature review. Milestone 3: FINAL REPORT

Bruce, B, Bradford, RW 2011, Near-shore habitat use by juvenile white sharks in coastal waters off Port Stephens, Comments: Final report to HCRCMA

Bruce, B, Bradford, RW 2011, The effects of berley on the distribution and behaviour of white sharks at the Neptune Islands, SA, Comments: Final report to DENR SA

Fowler, A, Sterr, MA, Huveneers, C, Lloyd, M, Jackson, W 2012, Understanding the movement of Snapper (Pagrus auratus) and its contribution to the changing spatial structure of South Australia's Snapper Fishery. Progress report for the 2011-12 South Australian Research and Development Institute, SARDI, Adelaide, Comments: F2012/000366-1 SARDI Res Rep No. 650

Rintoul, S, Sparrow, M, Meredith, MP, Wadley, V, Speer, K, Hofmann, E, Summerhayes, CP, Urban, E, Bellerby, R, Ackley, S, Alverson, K, Ansorge, I, Aoki, S, Azzolini, R, Beal, L, Belbeoch, M, Bergamasco, A, Biuw, M, Boehme, L, Budillon, G, Campos, L,

Carlson, J, Cavanagh, R, Charpentier, E, Chul Shin, H, Coffin, M, Constable, A, Costa, D, Cronin, MF, De Baar, H, De Broyer, C, de Bruin, T, De Santis, L, Butler, E, Dexter, P, Drinkwater, M, England, MH, Fahrbach, E, Fanta, E, Fedak, M, Finney, K, Fischer, A, Frew, R, Garzoli, SL, Gernandt, H, Gladyshev, S, Gomis, D, Gordon, A, Gunn, J, Gutt, J, Haas, C, Hall, J, Heywood, K, Hill, K, Hindell, MA, Hood, M, Hoppema, M, Hosie, G, Howard, WR, Joiris, C, Kaleschke, L, Kang, S, Kennicutt, MC, Klepikov, A, Lembke-Jene, L, Lovenduski, N, Lytle, V, Mathieu, PP, Moltmann, T, Morrow, R, Muelbert, M, Murphy, E, Naganobu, M, Naveira Garabato, A, Nicol, S, O'Farrell, S, Ott, N, Piola, A, Piotrowicz, S, Proctor, R, Qiao, F, Rack, F, Ravindra, R, Ridgway, K, Rignot, E, Ryabinin, V, Sarukhanian, E, Sathyendranath, S, Schlosser, P, Schwarz, J, Smith, G, Smith, S, Southwell, C, Speich, S, Stambach, W, Stammer, D, Stanfield, K, Thiede, J, Thouvenot, E, Tilbrook, B, Wadhams, P, Wainer, I, Willmott Puig, V, Wijffels, S, Woodworth, P, Worby, A, Wright, SW 2012, The Southern Ocean Observing System: Initial science and implementation strategy, SCAR and SCOR, Cambridge University Press

Poloczanska, ES, Hobday, A, Richardson, A 2012, Marine climate change in Australia, impacts and adaptation responses

Huveneers, C, Rogers, P, Beckman, C, Semmens, J, Bruce, B, Seuront, L 2012, Effects of a cage-diving operation on the fine-scale movement of white sharks (Carcharodon carcharias). Final report to the Department of Environment, Water and Natural Resources Wildlife Conservation Fund and Nature Foundations of South Australia, SARDI, Adelaide, Comments: F2012/000417-1 SArdi Res REp No. 657

Huveneers, C, Rogers, P, Drew, M 2012, Residency and movements of whaler sharks (Carcharhinus spp) in Gulf St Vincent. Final Report to the Nature Foundation of South Australia, SARDI, Adelaide, Comments: F2012/000246-1 SARDI Res Rep Series No. 664

Rogers, P, Huveneers, C, Beckman, C 2014, Monitoring residency of white sharks, Carcharodon carcharias and the cagediving industry in the Neptune Islands Group Marine Park, SARDI, Adelaide, Comments: F2014/000801-1 SARDI Research Rerport Series No. 818. 69pp

Stehfest, K, Lyle, J, Semmens, J 2014, Relating catchability of flathead to their seasonal activity and movement, Comments: Fishwise Community Fund Final Report

Huveneers, C, Rogers, P, Drew, M 2014, Monitoring shark species of conservation concern within the Adelaide metropolitan and Gulf St Vincent regions, SARDI, Adelaide, Comments: Pub # F2013/000716-1 Res Rep Series No. 754

Suthers, I 2015, Do coastal currents feed the harvest from purpose-built offshore artificial reefs?

Bax, N, Hedge, P 2015, NERP Marine Biodiversity Hub final report 2011-2015, Comments: A report to the Antional Environmental Research Programme, Marine Biodiversity Hub. Published by CSIRO, 91pp. ISBN: 9781486305254

Bax, N, Hedge, P 2015, Marine Biodiversity Hub, National Environmental Research Program, final report 2011-2015., Hobart

McCauley, R, Bruce, B, Keay, I, Mountford, S, Pinnell, T 2016, Evaluation of passive acoustic telemetry approaches for monitoring and mitigating shark hazards off the coast of Western Australia, Perth, Comments: Fisheries Research Report No. 273, Department of Fisheries, Western Australia, 84pp.

Hindell, MA, Ropert-Coudert, Y, Bornemann, H, Jonsen, I, Trathan, P, Lea, MA, Wotherspoon, S, Huckstadt, L, Reisinger, R 2016, Report on the second SCAR retrospective analysis of Antarctic tracking data workshop

Bell, J, Lyle, J, Semmens, J, Awruch, CA, et, al. 2016, Movement, habitat utilisation and population status of the endangered maugean skate and implications for fishing and aquaculture operations in Macquarie Harbour

Fowler, A, Huveneers, C, Lloyd, M 2016, The influence of fish movement on regional fishery production and stock structure for South Australia's snapper (Chrysophrys auratus) fishery, SARDI, Comments: Final report to FRDC, Project No. 2012/020, 181 pp.

#### Australian Ocean Data Network

Mancini, S 2010, Data products and visualisation through the IMOS Ocean Portal

Kloser, R, Keith, G, Althaus, F 2010, Key Ecological Features of the East and South-East Marine Regions: Shelf Incising Canyons, Comments: Report to DEWHA copy hels CSIRO

Rintoul, S, Sparrow, M, Meredith, MP, Wadley, V, Speer, K, Hofmann, E, Summerhayes, CP, Urban, E, Bellerby, R, Ackley, S, Alverson, K, Ansorge, I, Aoki, S, Azzolini, R, Beal, L, Belbeoch, M, Bergamasco, A, Biuw, M, Boehme, L, Budillon, G, Campos, L, Carlson, J, Cavanagh, R, Charpentier, E, Chul Shin, H, Coffin, M, Constable, A, Costa, D, Cronin, MF, De Baar, H, De Broyer, C, de Bruin, T, De Santis, L, Butler, E, Dexter, P, Drinkwater, M, England, MH, Fahrbach, E, Fanta, E, Fedak, M, Finney, K, Fischer, A, Frew, R, Garzoli, SL, Gernandt, H, Gladyshev, S, Gomis, D, Gordon, A, Gunn, J, Gutt, J, Haas, C, Hall, J, Heywood, K, Hill, K, Hindell, MA, Hood, M, Hoppema, M, Hosie, G, Howard, WR, Joiris, C, Kaleschke, L, Kang, S, Kennicutt, MC, Klepikov, A, Lembke-Jene, L, Lovenduski, N, Lytle, V, Mathieu, PP, Moltmann, T, Morrow, R, Muelbert, M, Murphy, E, Naganobu, M, Naveira Garabato, A, Nicol, S, O'Farrell, S, Ott, N, Piola, A, Piotrowicz, S, Proctor, R, Qiao, F, Rack, F, Ravindra, R, Ridgway, K, Rignot, E, Ryabinin, V, Sarukhanian, E, Sathyendranath, S, Schlosser, P, Schwarz, J, Smith, G, Smith, S, Southwell, C, Speich, S, Stambach, W, Stammer, D, Stanfield, K, Thiede, J, Thouvenot, E, Tilbrook, B, Wadhams, P, Wainer, I, Willmott Puig, V, Wijffels, S, Woodworth, P, Worby, A, Wright, SW 2012, The Southern Ocean Observing System: Initial science and implementation strategy, SCAR and SCOR, Cambridge University Press

Spagnol, S, Brinkman, R, Williams, DK 2014, Marine Virtual Laboratory (MARVL) an evaluation of a WebMARVL configured model grid to Darwin Harbour/Beagle Gulf

Wijeratne, S, Pattiaratchi, C 2014, Experimental ROMS simulation using WebMARVL configuration - Perth Rottnest Shelf

Mancini, S, Hoenner, X, Galibert, G, Pasquer, B, Tattersall, K, Proctor, R 2015, Construction of a data atlas from a collated database of in-situ temperature and salinity observations from coastal and shelf waters around Australia between 1995 and 2015

Bax, N, Hedge, P 2015, Marine Biodiversity Hub, National Environmental Research Program, final report 2011-2015., Hobart

Hayes, K, Dambacher, J, Hedge, P, et, al. 2015, Towards a blueprint for monitoring key ecological features in the Commonwealth Marine Area, Comments: NERP MArine Biodiversity Hub Report

Redondo-Rodriguez, A, Middleton, J, Proctor, R 2015, Accessing IMOS satellite data and converting into CSV format, Comments: GABRP Research Report Number 5, Great Australian Bight Research Program, November 2015, 15pp.

Bax, N, Hedge, P 2015, NERP Marine Biodiversity Hub final report 2011-2015, Comments: A report to the Antional Environmental Research Programme, Marine Biodiversity Hub. Published by CSIRO, 91pp. ISBN: 9781486305254

Evans, K, Bax, N, Smith, D 2017, Australia State of the Environment 2016: Marine Environment, independent report to the Australian Government Minister for the Environment and Energy, Australian Government Department of the Environment and Energy

Report Count 11

# Satellite remote sensing

Ryan, T, Hooker, SB, McClain, CR, Mannino, A, Salgado Kent, C 2007, Metadata standards for ship of opportunity acoustic data to meet ocean observing system requirements - ICES WGFAST Topic Group, TG MetaSOOP, draft for comment

Van der Linden, LTM 2009, Field and remote sensing observations of transient upwelling along Ningaloo Reef, Comments: Data Report, School of Environmental Systems Engineering, UWA, 65 pp

Middleton, J, James, C, Luick, J, Goldsworthy, S, Tsolos, A, Teixeria, CEP, Richardson, L 2011, Survey of sonar test sites, phase 1, literature review. Milestone 3: FINAL REPORT

Ahmed, S, Antoine, D, Brando, V, et, al. 2011, MERIS optical measurement protocols, part A: in-situ water reflectance, technical report, CO-SCI-ARG-TN-008

Brassington, GB, Freeman, J, Huang, X, Pugh, TF, Oke, PR, Sandery, PA, Taylor, A, Andreu-Burillo, I, Schiller, A, Griffin, DA, Fiedler, R, Mansbridge, JV, Beggs, H, Spillman, CM 2012, Ocean model, analysis and prediction system: version 2, CAWCR - Centre for Australian Weather and Climate Research, Comments: Technical report No. 052

Poloczanska, ES, Hobday, A, Richardson, A 2012, Marine climate change in Australia, impacts and adaptation responses

Garde, L, Spillman, CM, Majewski, L, Griffin, C, Kruger, G, Beggs, H 2013, ReefTemp Next Generation, CAWCR Technical Report No. 63

King, E, Schroeder, T, Brando, V, Suber, K 2013, A pre-operational system for satellite monitoring of the Great Barrier Reef marine water quality, Comments: CSIRO Wealth from Oceans Flagship Report

Capelle, V, Chedin, M 2014, Final assessment of AIRS/IASI latitude extended data retrievals over land, technical report, monitoring atmospheric composition and climate - II

Casal, T, Donlon, CJ, Goryl, P, Femenias, P, et, al. 2014, Sentinel-3 scientific validation team implementation plan, technical report EOP-SM/2641/Cd-d, EUMETSAT

Schaeffer, A, Roughan, M 2014, Marine Virtual Laboratory (MARVL) - high-resolution ROMS test: the East Australian Current at 30S in Solitary Island Marine Park

Beggs, H 2014, Operational SST analysis improvements under BLUElink III

Beggs, H 2014, GHRSST satellite SST products in BLUElink - current and future, Comments: BLUElink Annual Science Report 2013-2014, p. 30-36

Miles, E, Griesser, A, Charles, A, Spillman, CM 2014, The Pacific-Australia climate change science and adaptation planning program's seasonal prediction websites, CAWCR - Centre for Australian Weather and Climate Research, Comments: Technical Report: N0 072 pp 26

Herzfeld, M, Andrewartha, J, Baird, ME, Brinkman, GW, et, al. 2014, eReefs WP3 marine modelling: phase II interim report

Grove, S, Finn, J 2014, Unusual strandings of greater argonaut Argonauta argo in Southeast Tasmania, autumn 2014, The Malacological Society of Australia (Newsletter), Comments: No. 151 July 2014

Bracher, A, Hardman-Mountford, NJ, Hirata, T, et, al. 2014, Phytoplankton composition from space: towards a validation strategy for satellite algorithms, Comments: NASA Tech Memo, NASA/TM-2015-217528

Feng, M 2014, La Nina forces unprecedented Leeuwin Current warming in 2011, Comments: Fisheries Research Report No.250 40pp

Rigby, P, Steinberg, C, Williams, DK 2015, Data and servicing report: Darwin National Reference Station and Beagle Gulf Mooring, deployment dates: September 2014 to February 2015, Comments: Data and Servicing report to Darwin Port Corporation, AIMS, 26pp

Redondo-Rodriguez, A, Middleton, J, Proctor, R 2015, Accessing IMOS satellite data and converting into CSV format, Comments: GABRP Research Report Number 5, Great Australian Bight Research Program, November 2015, 15pp.

Griffin, DA 2015, OceanCurrent model validation - Applied Research Program 3

Schroeder, T, Brando, V, Blondeau-Patissier, D, Clementson, L, Anstee, J, King, E 2015, Remote sensing methods to map and monitor the condition of coastal habitats and other surrogates for biodiversity, Part B: water quality mapping of the Van Diemen Gulf, Comments: Image processing and data analysis report

Beggs, H 2015, Twenty-three years of IMOS sea surface temperatures for coastal research, Hobart, Comments: Marine MAtters, Issue 21, 14

Brando, V, Schroeder, T, King, E, Dyce, P 2015, Reef rescue marine monitoring program: using remote sensing for GBR-wide water quality, Comments: Final report for 2012/13 activities, CSIRO report to the Great Barrier Reef Marine Park Authority, 213pp.

Trebaul, J-P 2015, Satellite altimetry CAL/VAL at the Australian Bass Strait site in the context of the new missions Jason-3 and Sentinel-3, Comments: Research Intern Report

Redondo-Rodriguez, A, King, E, Doubell, M 2015, Regional availability of MODIS imagery in the Great Australian Bight, Comments: GABRP Research Report Number 3, APril 2015 6pp

Doubell, M, Ward, T, Watson, PJ, James, C, Carrol, J, Redondo-Rodriguez, A 2015, Optimising the size and quality of sardines through real-time harvest monitoring, Comments: South Australian Research and Development Institute (Aquatic Sciences), Adelaide. Australian Seafood Cooperative research Centre, Project No. 2013/746, 47 pp

Courtney, AJ, Spillman, CM, Lemos, R, Thomas, J, Leigh, G, Campbell, AH 2015, Physical oceanographic influences on Queensland reef fish and scallops, Comments: FRDC Project #2013/020 Final Report 153

Redondo-Rodriguez, A, King, E, Doubell, M 2015, Validation of MODIS imagery in the Great Australian Bight, GAB Res. Project report, SARDI, Adelaide, Comments: CRC Project No. 2013/746

Hayes, K, Dambacher, J, Hedge, P, et, al. 2015, Towards a blueprint for monitoring key ecological features in the Commonwealth Marine Area, Comments: NERP MArine Biodiversity Hub Report

Bax, N, Hedge, P 2015, Marine Biodiversity Hub, National Environmental Research Program, final report 2011-2015., Hobart

Caputi, N, Feng, M, Pearce, A, et, al. 2016, Management implications of climate change effect on fisheries in Western Australia: part 2: case studies, Comments: FRDC Project 2010/535. Fisheries Research Report 261, Department of Fisheries, Western Australia, 156pp.

Gallen, C, Thompson, KR, Paxman, C, Devlin, M, Mueller, J 2016, Marine Monitoring Program: annual report for inshore pesticide monitoring 2014 to 2015, University of Queensland, National Research Centre for Environmental Toxicology, Brisbane

Rigby, P, Steinberg, C, Williams, DK 2016, Data and servicing report: Darwin National Reference Station and Beagle Gulf Mooring, deployment dates: February 2015 to February 2016, Comments: Data and Servicing Report to Darwin Port, IMOS & AIMS, 24 pp.

Blondeau-Patissier, D, Schroeder, T, Brando, V, King, E, Steven, A 2016, Assessing uncertainties of the CSIRO MODIS ocean colour products on the Great Barrier Reef paddock to reef water quality reporting metrics, Comments: Technical Report, CSIRO Oceans and Atmosphere

Zibordi, G, Derycke, P 2016, Description and access to AERONET-OC data

2016, State of Climate 2016, Bureau of Meteorology and CSIRO, Comments: https://www.csiro.au/state-of-the-climate

Evans, K, Bax, N, Smith, D 2017, Australia State of the Environment 2016: Marine Environment, independent report to the Australian Government Minister for the Environment and Energy, Australian Government Department of the Environment and Energy

Antoine, D, Schroeder, T, Slivkoff, M, et, al. 2017, The IMOS Radiometry Task Team, Final Report

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#### OceanCurrent

Middleton, J, James, C, Luick, J, Goldsworthy, S, Tsolos, A, Teixeria, CEP, Richardson, L 2011, Survey of sonar test sites, phase 1, literature review. Milestone 3: FINAL REPORT

Rogers, P, Ward, T, van Ruth, P, Williams, A, Bruce, B, Connell, SD, Currie, DR, Davies, C, Evans, K, Gillanders, B, Goldsworthy, S, Griffin, DA, Hardman-Mountford, NJ, Ivey, AR, Kloser, R, Middleton, J, Richardson, A, Ross, AE, Tanner, JE, Young, J 2013, Physical processes, biodiversity and ecology of the Great Australian Bight region: a literature review, CSIRO

Waite, A, Beckley, L, Jeffs, A, Saunders, M, Sawstrom, C, O'Rorke, R, Raes, E, Thompson, P, Feng, M, Caputi, N, Sachlikidis, N, Chan, S, Wang, M, Sutton, A 2014, Biological oceanography of western rock lobster larvae

Grove, S, Finn, J 2014, Unusual strandings of greater argonaut Argonauta argo in Southeast Tasmania, autumn 2014, The Malacological Society of Australia (Newsletter), Comments: No. 151 July 2014

Courtney, AJ, Spillman, CM, Lemos, R, Thomas, J, Leigh, G, Campbell, AH 2015, Physical oceanographic influences on Queensland reef fish and scallops, Comments: FRDC Project #2013/020 Final Report 153

Suthers, I 2015, Do coastal currents feed the harvest from purpose-built offshore artificial reefs?

Evans, K, Bax, N, Smith, D 2017, Australia State of the Environment 2016: Marine Environment, independent report to the Australian Government Minister for the Environment and Energy, Australian Government Department of the Environment and Energy

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