

# Animal tracking and monitoring



## Research Projects

Foraging ecology of emperor penguins in summer and potential overlap with fisheries, Australian Antarctic Division, Barbara Wienecke, Jerry Kooyman, Yvon Le Maho, Graham Roberston, 2000-2013, Partner Institution(s): Scripps, CNRS France

Estimating and maximising the survival of key species released by recreational fishers in NSW, Industry and Investment New South Wales, Matt Broadhurst, 2003-2012

Spatial management of reef fisheries and ecosystems: understanding the importance of movement, University of Tasmania, Colin Buxton, 2004-2010, Partner Institution(s): DPIPWE, NT Fisheries

"Fishtrack": effects of flows and barriers on the distribution, abundance, movements and migration of freshwater fishes in the Clarence River System, Industry and Investment New South Wales, Stuart Rowland, Gavin Butler, 2006-2011

Grey nurse shark South-East Australian Coastal Acoustic Monitoring System (SEACAMS), Industry and Investment New South Wales, Nick Otway, 2006-2008

Winter foraging success of Southern Ocean predators in relation to stochastic variation in sea-ice extent and winter water formation, University of Tasmania, Mark Hindell, Mike Fedak, Iain Field, Christophe Guinet, Rob Harcourt, Clive McMahon, John Van Den Hoff, 2006-2012, Partner Institution(s): University of St Andrews, Macquarie University, CNRS France, Charles Darwin University, Australian Antarctic Division, Funding: Australian Antarctic Division

Predator research survey and monitoring in support of CCAMLR's management of the krill fishery, Australian Antarctic Division, Colin Southwell, Louise Emmerson, 2006-2012, Funding: Australian Antarctic Division

Great white shark tagging project, Industry and Investment New South Wales, Nick Otway, 2006-2007

Dietary ecology and remote sensing as predictive tools for habitat utilisation of the manta ray, *Manta birostris*, Mike Bennett, Kathy Townsend, Scarla Weeks, 2007-2009, Partner Institution(s): Sea World, Funding: Seaworld Research and Rescue Foundation

Study of manta rays within the South East Queensland waters, University of Queensland, Kathy Townsend, 2007-2008, Partner Institution(s): South East Queensland Catchments, Funding: South East Queensland Catchments

Rebuilding ecosystem resilience: Assessment of management options to minimise formation of 'Barrens' habitat by the long-spined sea urchin (*Centrostephanus rodgersii*) in Tasmania, University of Tasmania, Craig Johnson, 2007-2010, Partner Institution(s): DPIPWE

Movements and biology of coastal sharks in NSW, Industry and Investment New South Wales, Amy Smoothey, Vic Peddemors, 2007-2012

Ecological management sub-project - assessing native fish behaviour in response to flow in a dryland river (Moonie R, southwest QLD), eWater CRC, Jon Marshall, Stephen Balcombe, 2007-2010, Partner Institution(s): DERM, Griffith University, Arthur Rylah Insatiate, Monash University

Project Manta – a multidisciplinary study of an iconic species, University of Queensland, Kathy Townsend, Mike Bennett, Anthony Richardson, Scarla Weeks, 2007-2012, Partner Institution(s): CSIRO, Earthwatch, Lady Elliot Island Resort, CRL, Sea World, Redland City Council, SEQ Catchments, Manta Lodge and Scuba Centre

Towards integrated multi-species management of Australia's SE reef fisheries: a Tasmanian example, University of Tasmania, Commonwealth Scientific Industrial Research Organisation, Stewart Frusher, 2007-2010, Partner Institution(s): DPIPWE

WAMSI Node 3 Ningaloo research program: diversity, abundance and habitat utilisation of sharks and rays., John Stevens, Peter Last, W White, Rob McCauley, Mark Meekan

WAMSI node 3 Ningaloo research program: adequacy of zoning in the Ningaloo marine park, R Pillans, Russ Babcock, James Patterson, Jason How, G Hyndes

Winter foraging locations of Southern Ocean predators - sub Antarctic islands, University of Tasmania, British Antarctic Survey, Mark Hindell, Mary-Anne Lea, Phil Trathan, 2007-2011, Partner Institution(s): AAD, Funding: Australian Antarctic Division

Habitat use and migration patterns of silvertip and grey reef sharks at the Rowley Shoals, Western Australia, Macquarie University, University of Adelaide, Iain Field, Mark Meekan, Corey Bradshaw, 2007-2009

Site Fidelity, localised movement patterns and migrations of manta rays along the Queensland coast, University of Queensland, Mike Bennett, Kathy Townsend, 2007-2009

Understanding the vulnerability of key inshore and estuarine fish species: new opportunities with accelerometer telemetry, University of Tasmania, Jayson Semmens, 2008-2010, Partner Institution(s): Vemco

Project Manta – Ecology and biology of an iconic marine animal, University of Queensland, Commonwealth Scientific Industrial Research Organisation, Kathy Townsend, 2008-2011, Partner Institution(s): Hannan Productions, Redland City Council, Kaufmann Productions, Earthwatch, LEI Eco-Resort, Manta Lodge and Scuba Centre, Consolidated Rutile Limited

Movement and migration of carp in the Murray-Darling basin, Fisheries Victoria, Paul Brown, 2008-2011, Partner Institution(s): Invasive Animals CRC, NSW I&I

Movements and ecological interactions of key fish species in estuaries and coastal waters of NSW, Industry and Investment New South Wales, Charles Gray, 2008-2013

Preliminary acoustic monitoring of sharks on the Ribbon Reefs, James Cook University, Michelle Heupel, 2008-2008, Partner Institution(s): Reef Channel, JCU

Habitat use and movement patterns of grey reef sharks in Palau, Australian Institute of Marine Science, Mark Meekan, Partner Institution(s): Micronesian Shark Foundation, Save Our Seas Foundation, University of Western Australia

Understanding movement patterns in key recreational species, University of Tasmania, Jeremy Lyle, 2008-2010, Partner Institution(s): Inland Fisheries Service

The aggregative behaviour of snapper (*Chrysophrys auratus*) and their interactions with white sharks (*Carcharodon carcharias*), South Australian Research and Development Institute, Anthony Fowler, Charlie Huveneers, Mike Steer, 2009-2010

Assessment of barotrauma and its mitigation measures on the behaviour and survival of offshore species in NSW, Industry and Investment New South Wales, John Stewart, 2009-2012, Partner Institution(s): University of Western Sydney

Assessing the adequacy and effectiveness of eastern blue groper protection within Bronte-Coogee Aquatic Reserve utilising habitat mapping and acoustic monitoring techniques, Department of Environment, Climate Change and Water, Macquarie University, T MacDonald, Charlie Huveneers, Rob Harcourt, 2009-2011, Partner Institution(s): Sydney Institute for Marine Science, Macquarie University, SARDI, Flinders University, Randwick Council, Waverly Council, Funding: Caring for Coasts

Spatial ecology of inshore predators in tropical marine systems and implications of marine protection zones, Colin Simpfendorfer, Michelle Heupel, David Welch, John Carlson, 2009-2011, Funding: ARC Linkage Project

Offshore artificial reefs research program, Industry and Investment New South Wales, Micheal Lowry, 2009-2013

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 (MTRSF)

The effects of berley on the distribution and behaviour of white sharks at the Neptune Islands, SA, Commonwealth Scientific Industrial Research Organisation, Bary Bruce, Russell Bradford, 2009-2011, Funding: Department of Environment and Natural Resources, SA, Calypso Star Charters

What size do marine protected area sanctuary zones need to be in order to protect the near-threatened Western Blue Groper and Harlequin Fish? , Department of Environment and Natural Resources, Simon Bryars, Paul Rogers, Charlie Huveneers, 2009-2010, Partner Institution(s): Flinders University, Funding: Department of Environment and Natural Resources, SA, South Australian Research and Development Institute

Assessing the effectiveness of shark nursery area closures for the protection and conservation of soastal shark species, University of Tasmania, Jayson Semmens, Stewart Frusher, Adam Barnett, 2010-2014, Funding: Winifred Violet Scott Charitable Trust

Longitudinal movement of *Tandanus tandanus* in the Pioneer R, QLD: the influence of flow and connectivity, Department of Environment and Resource Management, Jon Marshall, Stephen Balcombe, 2010-2011, Partner Institution(s): Griffith University

Sub-tropical Queensland great white and bull shark tagging program, Queensland Fisheries, Jonathon Werry, 2010-2015, Partner Institution(s): Griffith University

Understanding the residence time and movement patterns of whaler sharks (*Carcharhinus* spp.) along the Adelaide metropolitan beaches, South Australian Research and Development Institute, Flinders University, Charlie Huveneers, Paul Rogers, Simon Goldsworthy, 2010-2014, Partner Institution(s): DEWNR, Adelaide and Mt Lofty Range NRM Board

Acoustic telemetry in Northern Spencer Gulf, South Australia: understanding the spawning aggregative behaviour of snapper (*Chrysophrys auratus*) and their interactions with white sharks (*Carcharodon carcharias*), South Australian Research and Development Institute, Flinders University, Charlie Huvaneers, 2010-2011

Movement and home ranges of the Harlequin Fish, Department of Environment and Natural Resources, Simon Bryars, 2010-2011, Partner Institution(s): SARDI, Flinders University, University of Adelaide

Feeding and breeding: the role of hydrology in habitat use, fidelity and connectivity of iconic temperate fishes, University of New South Wales, Matt Taylor, Iain Suthers, 2010-2013, Partner Institution(s): NSW I&I, UTS, Invasive Animals CRC, Funding: ARC Linkage Project

Near-shore habitat use by juvenile white sharks in coastal waters off Port Stephens, Commonwealth Scientific Industrial Research Organisation, Bary Bruce, Russell Bradford, 2010-2011, Partner Institution(s): Hunter-Central rivers CMA, Port Stephens Great Lakes Marine Park, Funding: Tag for life

Movements and habitat use of Iuderic within Jervis Bay Marine Park, New South Wales Marine Parks Authority, Nathan Knott, Matt Taylor, 2010-2011, Partner Institution(s): UNSW, UWA, NSW DPI, Funding: New South Wales Marine Parks Authority

Profiling the biology and fishery of rock blackfish (*Girella elevata*) in the Sydney region, Department of Primary Industries, NSW, Charles Gray, Matt Taylor, 2010-2013, Partner Institution(s): UNSW

The impact of Fish Aggregating Devices (FADs) on the movement and behaviour of tropical tuna (*Thunnus obesus*, *Katsuwonus pelamis* and *Thunnus albacares*), University of Tasmania, Jayson Semmens, Stewart Frusher, Kilian Stehfest, 2010-2013, Funding: Holsworth Wildlife Research Endowment

Activity patterns of reef sharks assessed from accelerometer telemetry: contributing to understanding the potential impacts of tourist diving on shark, University of Tasmania, Jayson Semmens, 2010-2014, Funding: Winifred Violet Scott Charitable Trust

Presence and residency of inshore teleosts within a scientific research zone, Australian Institute of Marine Science, Michelle Heupel, Mike Cappo

Marine monitoring blueprint: meeting a monumental challenge, Paul Hedge, 2011-2015, Funding: National Environmental Research Program (NERP)

Snapper migratory dynamics and habitat use, Fisheries Victoria, Paul Hamer, 2011-2014, Funding: Victorian Recreational Fishing Licence Trust

Monitoring Threatened, Endangered and Protected shark species and species of conservation concern within the Adelaide metropolitan region, South Australian Research and Development Institute, Flinders University, Charlie Huvaneers, 2011-2014, Funding: Neiser Foundation, Adelaide and Mt Lofty Ranges NRM Board

Moreton Bay acoustic consortium, University of Queensland, Commonwealth Scientific Industrial Research Organisation, National Electronics and Computer Technology Centre, Commonwealth Scientific Industrial Research Organisation, Department of Environment and Heritage Protection, Helen Marsh, 2011-2014, Funding: Australian Marine Mammal Foundation

Understanding climate drivers and predicting the future for coastal Australian ecosystems, University of Tasmania, Peter Strutton, Jayson Semmens, Caleb Gardner, Gary Griffith, 2011-2013, Partner Institution(s): UWA, JCU, Funding: ANNIMS

Pelagic ecosystem linkages in a changing Southern Ocean, Australian Antarctic Division, University of Tasmania, Macquarie University, Steve Nicol, Nick Gales, Mark Hindell, Rob Harcourt, 2011-2014, Funding: ARC Super Science Fellowship

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)

Continued monitoring of chondrichthyan species in coastal areas of SE Australia: assessing the effectiveness of shark nursery area closures for the protection and conservation of coastal shark species, University of Tasmania, Jayson Semmens, Jeremy Lyle, Adam Barnett, Colin Buxton, Stewart Frusher, 2011-2013, Funding: Save Our Seas Foundation

Collating existing survey data for Commonwealth marine waters, Jeffrey Dambacher, 2011-2015, Funding: National Environmental Research Program (NERP)

White shark population and abundance trends, Bary Bruce, 2011-2015, Funding: National Environmental Research Program (NERP)

An integrated examination of the drivers of movements of large filter feeding organisms of high ecotourism value: a case study, University of Queensland, Commonwealth Scientific Industrial Research Organisation, Mike Bennett, Kathy Townsend, Anthony Richardson, Scarla Weeks, 2011-2013, Partner Institution(s): Earthwatch, LEI Eco-Resort, Manta Lodge and Scuba Centre, Consolidated Rutile Limited, CSIRO, Funding: ARC Linkage Project

Using animal-borne cameras to quantify prey field, habitat characteristics and foraging success in a marine top predator, Deakin University, John Arnould, Mark Hindell, Jayson Semmens, 2011-2013, Partner Institution(s): University of Tasmania, Funding: ARC

Acoustic telemetry in Northern Gulf St. Vincent, South Australia: contributions to understanding the movement behaviour of snapper (*Chrysophrys auratus*) and whaler and white sharks (*Carcharhinus* sp. and *Carcharodon carcharias*), South Australian Research and Development Institute, Anthony Fowler, Charlie Huveneers, 2011-2012, Partner Institution(s): Flinders University, Funding: South Australian Research and Development Institute

Grey nurse shark research and community engagement program, Reef Check Australia, Carley Bansemer, Mike Bennett, Partner Institution(s): Moreton Bay Regional Office of DERM, Uni of Q and Fauna & Flora International Australia (FFI)

Drivers of juvenile shark biodiversity and abundance in inshore ecosystems of the Great Barrier Reef, James Cook University, Australian Institute of Marine Science, Michelle Heupel, Colin Simpfendorfer, Andrew Tobin, 2011-2014, Funding: National Environmental Research Program (NERP)

Maximising the benefits of mobile predators to GBR ecosystems: the importance of movement, habitat and environment, Australian Institute of Marine Science, James Cook University, Michelle Heupel, Colin Simpfendorfer, 2011-2014, Funding: National Environmental Research Program (NERP)

Changing ocean temperatures and movements of marine predators: the performance of marine protected areas in a warming ocean, James Cook University, Michelle Heupel, 2011-2015, Funding: ARC Future Fellowship

Assessing the efficacy of small marine protected areas for the conservation of eastern blue groper and wobbegong sharks, Macquarie University, Rob Harcourt, 2011-2012, Partner Institution(s): DECCW, I & I, Funding: Seaworld Research and Rescue Foundation

Acoustic tracking of top-order predators on offshore coral atolls of the NW Shelf, Australian Institute of Marine Science, Macquarie University, University of Western Australia, Mark Meekan, Rob Harcourt, 2011-2016

Jigging for Science - Defining the spawning needs of calamari, Fisheries Victoria, Corey Green, 2012-2015, Funding: Victorian Recreational Fishing Licence Trust

The influence of fish movement on regional fishery production and stock structure for snapper (*Pagrus auratus*) in south eastern Australia, South Australian Research and Development Institute, Anthony Fowler, Charlie Huvaneers, Mike Steer, 2012-2014, Funding: Fisheries Research and Development Corporation

Towards and integrated study of the Gladstone marine system, Commonwealth Scientific Industrial Research Organisation, Russ Babcock, R Pillans, 2012-2014, Partner Institution(s): CSIRO, APLNG, Funding: GISERA

Assessing threats to marine biodiversity of the Ningaloo world heritage area, Mathew Vanderklift, Russ Babcock, 2012-2013, Funding: Caring For Our Country

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

Movement of Port Jackson Sharks, Macquarie University, Christopher Brown, Nathan Knott, 2012-2020, Partner Institution(s): Taronga Conservancy Society, Fisheries NSW, Funding: ARC Linkage Project, Taronga Zoo, Seaworld Research and Rescue Foundation, Woolworths

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

The potential of using data-logging acoustic receivers to study the movements and residency patterns of dugongs in port environments: a comparison with satellite tracking, James Cook University, Helen Marsh, Partner Institution(s): CSIRO, Funding: Australian Marine Mammal Centre

Autonomous platforms and biotagging data: a new approach for understanding variability and change across the Antarctic Ocean/sea-ice climate system, University of Tasmania, Guy Williams, 2013-2017, Funding: ARC Future Fellowship

Monitoring the effects of the South Australian white shark cage-diving industry, South Australian Research and Development Institute, Flinders University, Woods Hole Oceanographic Institute, Charlie Huvaneers, Paul Rogers, Simon Goldsworthy, 2013-2016, Funding: Department of Environment and Natural Resources, SA

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

Social interactions and migration patterns of Port Jackson sharks, Macquarie University, Culum Brown, Tristan Guttridge, Joanna Wiszniewski, Marlin Gregor, Nathan Knott, 2014-2017, Funding: ARC Linkage Project



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

Applications of tracking technologies to understand patterns of movement, residency and habitat use of pelagic sharks in Spencer Gulf: resolving overlaps with community activities and marine industries, South Australian Research and Development Institute, Paul Rogers, 2015-2017, Funding: Fisheries Research and Development Corporation

Shark movements linked to oceanography, Rob Harcourt, Vic Peddemors, Moninya Roughan, Kate Lee, 2015-2017, Funding: NSW Research Attraction and Acceleration Program

Sensing Macquarie Harbour, University of Tasmania, Commonwealth Scientific Industrial Research Organisation, Jayson Semmens, Adam Main, John McCulloch, 2015-2016, Partner Institution(s): Tasmanian Salmonoid Growers Association, Funding: Sense-T Stage 2

Monitoring the effects of the South Australian white shark cage-diving industry, South Australian Research and Development Institute, Charlie Huveneers, 2016-2019, Funding: Department of Environment and Natural Resources, SA

Acoustic monitoring of large predators in South Australian Marine Parks, Flinders University, Charlie Huveneers, 2017-2019, Funding: Department of Environment and Natural Resources, SA, Victor Harbor Council, Oceanic Victor

Identifying Galapagos shark movement patterns, interactions with fishing vessels and residency in Lord Howe Island Marine Park, University of Western Australia, Jonathan Mitchell, Vic Peddemors, S Gudge, Timothy Langlois, D McLean, 2017-2020, Partner Institution(s): NSW DPI, UWA, IMOS ATF, NSW Marine Parks, Funding: NSW Recreational Fisheries Trust

Assessment of any impacts of scuba divers on critically endangered Grey Nurse sharks, Queensland Parks and Wildlife Service, Great Barrier Reef and Marine PARks, Carley Bansemer, 2017-2018, Partner Institution(s): QLD Government, UQ, CSIRO, Funding: Burnett Mary Regional Group from Landcare Australia, Sea Life Trust, The Edge Pledge

Regional Coastal Ocean model application for POMS outbreaks, Department of Primary Industries SA, Fisheries Research & Development Corporation, Bureau of Meteorology, South Australian Research and Development Institute, Shane Roberts

Multi-site foraging habitat use by Weddell seals under different sea-ice conditions, National Institute for Polar Research, Karine Heerah, 2018-2019, Partner Institution(s): Macquarie University Australia, UTas Australia, Paris Museum of Natural History, CNRS France, Funding: Japan Society for the Promotion of Science

The role of eastern Antarctic polynyas in global ocean circulation, University of Tasmania, Mark Hindell, Rob Harcourt, Clive McMahon, Steve Rintoul, Esmee Van Wijk, Sophie Bestley, Fabian Roquet, 2018-2021, Partner Institution(s): Macquarie University, CSIRO, SIMS, Stockholm University, Hokkaido University, Funding: ARC Discovery Project

Mathematical models for Antarctic animal migrations in a changing climate , University of Tasmania, Sophie Bestley, 2018-2021, Funding: ARC Discovery Project

Develop/enhance the Marine Virtual Laboratory (MARVL) to provide the information infrastructure in support of the national ocean modelling system, University of Tasmania, Roger Proctor, 2018-2018, Partner Institution(s): BOM (Oceans), BOM (water), NCI, SARDI, TPAC, UWA, Funding: Australian National Data Service (ANDS), National eResearch Collaboration Tools and Resources (NeCTAR), Research Data Cloud (RDS)

Building services for Australian marine data discovery, University of Tasmania, Roger Proctor, 2018-2018, Partner Institution(s): AAD, AIMS, CSIRO (O&A linkage + OBIS), CSIRO (ALA linkage + OBIS), Geoscience Australia, GreyBits Engineering, SIMS, TERN, Funding: Australian National Data Service (ANDS), National eResearch Collaboration Tools and Resources (NeCTAR), Research Data Cloud (RDS)

Quantifying the use of Indigenous Marine Protected Areas by threatened bycatch species adjacent to highly productive fishing grounds, Australian Institute of Marine Science, Australian Institute of Marine Science, Charles Darwin University, Vinay Udyawer, Hamish Campbell, Michelle Heupel

Building a southern Australian acoustic telemetry network to monitor the movements and residency of commercially important and threatened species, South Australian Research and Development Institute, Flinders University, Paul van Ruth, Charlie Huveneers, Paul Rogers, Stephern Mayfield, Tim Ward

Assessment of national-scale tracking of commercially important fish species, Sydney Institute for Marine Science, Michelle Heupel, Funding: Fisheries Research and Development Corporation

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## Postgraduate Research Projects

Doctor of Philosophy (PhD), The ecology of the zebra shark *Stegostoma fasciatum*; with emphasis on a seasonal aggregation in South-East Queensland, Australia, University of Queensland, University of Tasmania; Chris Dudgeon, 2004-2009, Supervisor(s): Janet Lanyon, Jenny Ovenden, Jayson Semmens

Doctor of Philosophy (PhD), The role of higher trophic level predators on inshore ecosystems and their interactions with fisheries: A case study examining sevengill sharks (*Notorynchus cepedianus*), University of Tasmania, Commonwealth Scientific Industrial Research Organisation; Adam Barnett, 2006-2011, Supervisor(s): Jayson Semmens, John Stevens, Stewart Frusher

Doctor of Philosophy (PhD), The trophic ecology and habitat requirements of the manta ray (*Manta birostris*) in lagoonal systems of Ningaloo Reef, Western Australia, Murdoch University; Frazer McGregor, 2006-2010, Supervisor(s): Mike Van Keulen, Anya Waite, Mark Meekan; Funding: Murdoch University, Australian Institute of Marine Science

Doctor of Philosophy (PhD), Movement, feeding and behaviour of reef sharks at Ningaloo Reef, Western Australia, Charles Darwin University, Australian Institute of Marine Science; Conrad Speed, 2007-2011, Supervisor(s): Corey Bradshaw, Mark Meekan, Iain Field, Clive McMahon; Partner Institution(s): AATAMS, University of Adelaide, Macquarie University, AIMS, CSIRO, DEC, WA Fisheries, Eonfusion

Honours degree, Zooplankton community, remote sensing and seasonal migration of manta rays, *Manta birostris*, at North Stradbroke Island, University of Queensland, Commonwealth Scientific Industrial Research Organisation; Lydie Couturier, 2007-2008, Supervisor(s): Mike Bennett, Kathy Townsend, Scarla Weeks



Doctor of Philosophy (PhD), Movement and migration of the giant Australian cuttlefish, *Sepia apama*, University of Adelaide, University of Tasmania; Nicholas Payne, 2007-2011, Supervisor(s): Bronwyn Gillanders, Jayson Semmens

Doctor of Philosophy (PhD), Demography and migration patterns of manta rays (*Manta birostris*) at Ningaloo Reef, Charles Darwin University, Australian Institute of Marine Science; Florencia Cerutti-Pereyra, 2007-2011, Supervisor(s): Corey Bradshaw, Mark Meekan, Chris Austin; Partner Institution(s): AATAMS, University of Adelaide, AIMS, CSIRO, DEC, WA Fisheries, Eonfusion

Masters degree, Movements and habitat use of freshwater sawfish (*Pristis microdon*) and northern river shark (*Glyphis garricki*) in Western Australia, Murdoch University; Jeff Whitty, 2007-2010, Supervisor(s): David Morgan

Doctor of Philosophy (PhD), Using ecology and behaviour to optimise release strategies for mulloway *Argyrosomus japonicus* (Sciaenidae), University of New South Wales; Alexander Pursche, 2007-2011, Supervisor(s): Matt Taylor, Iain Suthers

Doctor of Philosophy (PhD), Observed grouping behaviour in the mourning cuttlefish *Sepia plangon*: evidence of social interactions?, Macquarie University, University of Tasmania, Museum Victoria; Candice McBride, 2008-2010, Supervisor(s): Jane Williamson, Jayson Semmens, Mark Norman

Doctor of Philosophy (PhD), The biology, ecology and habitat use of the blacktip reef shark (*Carcharhinus melanopterus*) and implications for management, James Cook University; Andrew Chin, 2009-2013, Supervisor(s): Colin Simpfendorfer, Andrew Tobin, Michelle Heupel, Mark Hamman; Funding: ARC, Great Barrier Reef Marine Park Authority, Queensland Seafood Industry Association

Doctor of Philosophy (PhD), Movements of planktivorous marine megafauna and ocean dynamics: A case study of east Australian manta rays, University of Queensland, Commonwealth Scientific Industrial Research Organisation; Fabrice Jaïne, 2009-2013, Supervisor(s): Scarla Weeks, Anthony Richardson, Kathy Townsend, Mike Bennett

Doctor of Philosophy (PhD), Conservation biology and ecology of the population of manta ray, *Manta alfredi*, in Eastern Australia, University of Queensland, Commonwealth Scientific Industrial Research Organisation; Lydie Couturier, 2009-2012, Supervisor(s): Mike Bennett, Kathy Townsend, Scarla Weeks, Anthony Richardson

Doctor of Philosophy (PhD), Spatial ecology of mobile predators in a tropical environment and its implications for Marine Protected Areas, James Cook University; Danielle Knip, 2009-2012, Supervisor(s): Michelle Heupel, Colin Simpfendorfer, Andrew Tobin, James Maloney; Funding: ARC, Great Barrier Reef Marine Park Authority, Queensland Seafood Industry Association

Masters degree, Assessing the efficacy of small marine protected areas for the conservation of wobbegong sharks and the eastern blue grouper, Macquarie University; Kate Lee, 2009-2011, Supervisor(s): Rob Harcourt, Charlie Huveneers, Vic Peddemors; Partner Institution(s): SARDI, I & I

Doctor of Philosophy (PhD), Efficacy of marine protected areas at providing refuge to batoid species from commercial fishing pressure within the Great Barrier Reef World Heritage Area, James Cook University; Jimmy White, 2009-2012, Supervisor(s): Colin Simpfendorfer; Partner Institution(s): Michelle Heupel (JCU), David Welch (QDEEDI/JCU), John Carlson (NOAA); Funding: ARC, Great Barrier Reef Marine Park Authority, Queensland Seafood Industry Association

Doctor of Philosophy (PhD), The impact of Fish Aggregating Devices (FADs) on the movement of two tropical tuna species (*Katsuwonus pelamis* and *Thunnus albacares*), University of Tasmania, Commonwealth Scientific Industrial Research Organisation; Kilian Stehfest, 2009-2013, Supervisor(s): Jayson Semmens, Mark Hindell, Toby Patterson, Laurent Dagorn

Doctor of Philosophy (PhD), Population structure, spatial ecology and socio-economic value of reef sharks in Palau, Micronesia, University of Western Australia, Australian Institute of Marine Science; Gabriel Vianna, 2010-2013, Supervisor(s): Mark Meekan, Jessica Meeuwig, Gary Kendrick

Degree - Other, Investigations into the behaviour of acoustically monitored Manta alfredi at Lady Elliot Island, University of Queensland; Peggy Newman, 2010-2010, Supervisor(s): Mike Bennett, Kathy Townsend, Anthony Richardson, Scarla Weeks

Honours degree, Seasonal variability in zooplankton nutritional quality in relation to manta ray (*Manta alfredi*) occurrence at North Stradbroke Island, SeaWorld; Nathalie Verlinden, 2010-2010, Supervisor(s): Kathy Townsend, Anthony Richardson, Mike Bennett

Doctor of Philosophy (PhD), Foraging ecology of the threatened Gould's Petrel, *Pterodroma leucoptera*, Macquarie University; Yuna Kim, 2010-2014, Supervisor(s): Rob Harcourt, Alana Grech, David Priddel; Funding: NSW OEH (Office of Environment & Heritage)

Doctor of Philosophy (PhD), Examining the role of area closures for the protection and conservation of an overexploited coastal shark species, University of Tasmania, Institute of Marine and Antarctic Studies; Jaime McAllister, 2010-2014, Supervisor(s): Jeremy Lyle, Jayson Semmens, Colin Buxton; Funding: University of Tasmania, IMAS

Honours degree, Investigating the foraging flights and chick growth in short-tailed shearwaters, University of Tasmania; Jaimie Cleeland, 2010-2011, Supervisor(s): Mark Hindell, Mary-Anne Lea

Doctor of Philosophy (PhD), Plasticity of mating systems in the giant Australian cuttlefish, *Sepia apama*, Macquarie University; Alex Schnell, 2010-2014, Supervisor(s): Rob Harcourt, Roger Hanlon

Doctor of Philosophy (PhD), Ontogeny, phenology and ecology: drivers of temporal and spatial migratory patterns in temperate and tropical reef fish, University of Technology Sydney; Gwenael Cadiou, 2010-2014, Supervisor(s): David Booth; Partner Institution(s): NSW, I&I NSW, DECCW (Jervis Bay Marine Park); Funding: South Australian Research and Development Institute

Doctor of Philosophy (PhD), Recruitment and trophic processes of east coast blackfish: A changing role in a changing climate?, University of New South Wales; Jerom Stocks, 2010-2015, Supervisor(s): Matt Taylor, Iain Suthers, Charles Gray; Partner Institution(s): NSW DPI, NSW RSFT; Funding: Department of Primary Industries, NSW

Doctor of Philosophy (PhD), Effects of biophysical variables on distributions and movements of estuarine dependent predators, University of New South Wales; Dylan van der Meulen, 2010-2016, Supervisor(s): Matt Taylor, Philip Sutton, Charles Gray; Partner Institution(s): NSW DPI, UTS, NSW RFST; Funding: Department of Primary Industries, NSW

Doctor of Philosophy (PhD), Site fidelity, natal homing and metapopulation structure in large estuarine predators, University of New South Wales; Ruan Gannon, 2010-2014, Supervisor(s): Matt Taylor, Iain Suthers, Charles Gray; Partner Institution(s): NSW DPI, NSW RSFT, UTS; Funding: Department of Primary Industries, NSW

Doctor of Philosophy (PhD), Processes and patterns of colonisation of artificial reefs by fish, Deakin University; Kade Mills, 2010-2016, Supervisor(s): Paul Hamer, Daniel Ierodiaconou, Gerry Quinn; Funding: Victorian Recreational Fishing Licence Trust

Doctor of Philosophy (PhD), Movement of red throat emperor in relation to environmental change and marine protected areas, James Cook University, Australian Institute of Marine Science; Leanne Currey, 2011-2014, Supervisor(s): Michelle Heupel, Colin Simpfendorfer, Ashley Williams, Steve Sutton; Funding: ARC, Australian Institute of Marine Science, James Cook University

Doctor of Philosophy (PhD), Oceanographic drivers of movement in top-level coastal predators, *Coryphaena hippurus* and *Seriola lalandi*, University of New South Wales; Stephanie Brodie, 2011-2015, Supervisor(s): Matt Taylor, Iain Suthers, Charles Gray, Jason Everett, Alastair Hobday; Partner Institution(s): NSW DPI, UNSW; Funding: ARC Linkage Project, Department of Primary Industries, NSW, CSIRO

Doctor of Philosophy (PhD), Estuarine use and ecological impacts of two stingray families; dasyatids and urolophids (stingrays and stingarees), University of New South Wales; Tegan Marzullo, 2011-2014, Supervisor(s): Iain Suthers, Matt Taylor; Partner Institution(s): NSW DPI; Funding: Department of Primary Industries, NSW

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), Residency and movement patterns of blacktip reef sharks on an inshore island and effects of environmental variability, James Cook University, Australian Institute of Marine Science; Audrey Schlaff, 2011-2018, Supervisor(s): Michelle Heupel, Colin Simpfendorfer; Funding: Australian Institute of Marine Science, James Cook University

Doctor of Philosophy (PhD), Habitat and dietary selectivity of nearshore shark populations, James Cook University, Australian Institute of Marine Science; Samantha Munroe, 2011-2014, Supervisor(s): Michelle Heupel, Colin Simpfendorfer, Andrew Tobin; Funding: Australian Institute of Marine Science, James Cook University

Doctor of Philosophy (PhD), Developing conservation management strategies for vulnerable deep water sharks off Southeast Australia, Commonwealth Scientific Industrial Research Organisation, University of Tasmania; Ross Daley, 2011-2017, Supervisor(s): Jayson Semmens, Alastair Hobday; Funding: CSIRO, University of Tasmania

Doctor of Philosophy (PhD), Novel application of acoustic telemetry as a conservation tool for large predatory fish, Macquarie University; Kate Lee, 2011-2014, Supervisor(s): Rob Harcourt, Charlie Huveneers, Vic Peddemors; Partner Institution(s): DPI Fisheries, NSW MPA; Funding: Caring For Our Country

Honours degree, Spatial ecology of two stingray species in a reef flat ecosystem, Australian Institute of Marine Science; Lauren Davy, Supervisor(s): Colin Simpfendorfer, Michelle Heupel; Funding: Australian Institute of Marine Science, James Cook University

Doctor of Philosophy (PhD), Spatial ecology of sea snakes (Hydrophiinae) in coastal waters off Northern Queensland, James Cook University, Australian Institute of Marine Science; Vinay Udyawer, 2012-2014, Supervisor(s): Michelle Heupel, Colin Simpfendorfer; Funding: Australian Institute of Marine Science, James Cook University

Honours degree, Southern Ocean habitat selection by short-tailed shearwaters, Institute of Marine and Antarctic Studies; Delphi Ward, Supervisor(s): Mark Hindell, Mary-Anne Lea

Doctor of Philosophy (PhD), The potential of using data-logging acoustic receivers to study the movements and residency patterns of dugongs in port environments: a comparison with satellite tracking, Australian Institute of Marine Science, James Cook University; Daniel Zeh, 2012-2018, Supervisor(s): Helen Marsh, Mark Hamman, Michelle Heupel; Funding: Australian Institute of Marine Science, James Cook University

Doctor of Philosophy (PhD), Investigation of habitat selection and resource use by coral trout (*Plectropomus* spp.) in reef systems using telemetry and dietary indicators, Australian Institute of Marine Science, James Cook University; Jordan Matley, 2012-2015, Supervisor(s): Colin Simpfendorfer, Michelle Heupel, Andrew Tobin; Funding: Australian Institute of Marine Science, James Cook University

Doctor of Philosophy (PhD), Abundance, distribution and conservation value of sharks in the Galapagos Marine Reserve, Commonwealth Scientific Industrial Research Organisation, University of Tasmania; Cesar Penaherrera-Palma, 2012-2016, Supervisor(s): Jayson Semmens, Stewart Frusher, Alastair Hobday, Alex Hearn

Honours degree, Exogenous factors affecting activity rhythms in an estuarine teleost, University of New South Wales; Luke McPhan, 2012-2012, Supervisor(s): Nicholas Payne; Funding: Department of Primary Industries, NSW

Doctor of Philosophy (PhD), The connectivity and reef fidelity of recreationally important fish around an Offshore Artificial Reef (OAR), Department of Primary Industries, NSW, University of New South Wales; Krystle Keller, 2012-2015, Supervisor(s): Iain Suthers, Micheal Lowry; Funding: ARC Linkage Project, Department of Primary Industries, NSW

Doctor of Philosophy (PhD), Ontogeny of foraging in Australian fur seals, Macquarie University; Marcus Salton, 2012-2018, Supervisor(s): Rob Harcourt, Iain Jonsen, David Slip, Roger Kirkwood; Partner Institution(s): Taronga Zoo, NSW Marine Parks; Funding: ARC Linkage Project, Philip Island Nature Parks (PINP)

Doctor of Philosophy (PhD), An energetic model of Australian and New Zealand fur seals and applications to identifying Areas of Ecological Significance (AES), Macquarie University; Monique Lads, 2012-2016, Supervisor(s): Rob Harcourt, Iain Jonsen, David Slip; Partner Institution(s): Taronga Zoo, NSW Marine Parks, Dolphin Marine Magic; Funding: ARC Linkage Project, Taronga Zoo

Honours degree, Multi-year impacts of ecotourism on whale shark (*Rhincodon typus*) visitation at Ningaloo Reef, Western Australia, University of Western Australia; Robert Sanzogni, 2012-2012, Supervisor(s): Mark Meekan, Jessica Meeuwig; Funding: Australian Institute of Marine Science, Apache Energy Ltd, Western Australia Department of Parks and Wildlife

Doctor of Philosophy (PhD), Movement patterns and habitat use of the exploited swimming crab *Scylla serrata*, Griffith University, Murdoch University, Leibniz Center for Tropical Marine Ecology; Hilke Alberts-Hubatsch, Supervisor(s): Jan-Olaf Meynecke

Doctor of Philosophy (PhD), Improving understanding of spatial ecology through network analysis of acoustic monitoring data, Australian Institute of Marine Science; Elodie Ledee, 2012-2015, Supervisor(s): Colin Simpfendorfer, Michelle Heupel, Andrew Tobin; Funding: Australian Institute of Marine Science, James Cook University

Doctor of Philosophy (PhD), Movements, habitat use and trophic ecology of sharks in coral reef ecosystems, James Cook University; Mario Espinoza, 2012-2015, Supervisor(s): Michelle Heupel, Colin Simpfendorfer, Andrew Tobin; Funding: Australian Institute of Marine Science, James Cook University

Masters degree, Foraging seabirds in the Bateman's Bay Marine Park: is zoning effective?, Macquarie University; Dustin O'Hara, 2013-2015, Supervisor(s): Rob Harcourt, Iain Jonsen, David Slip; Partner Institution(s): Taronga Zoo, NSW Marine Parks; Funding: ARC Linkage Project, Taronga Zoo

Doctor of Philosophy (PhD), Characterising the ecological role of nursery areas for the protection of two coastal shark species at Ningaloo Reef, Western Australia, University of Western Australia; Beverly Oh, 2013-2015, Supervisor(s): Mark Meekan, Jessica Meeuwig, Michelle Thums

Honours degree, The diet of whale sharks (*Rhincodon typus*) at Ningaloo Reef: An analysis using stable isotopes, University of Western Australia; Samantha Twiname, 2013-2013, Supervisor(s): Mark Meekan, Anya Waite; Funding: Australian Institute of Marine Science, Apache Energy Ltd, Western Australia Department of Parks and Wildlife

Honours degree, Limited ecological connectivity of whale shark aggregations across the Indian Ocean, University of Western Australia; Samantha Andrzejczek, 2013-2013, Supervisor(s): Mark Meekan, Jessica Meeuwig; Funding: Australian Institute of Marine Science, Apache Energy Ltd, Western Australia Department of Parks and Wildlife

Doctor of Philosophy (PhD), Foraging ecology of male and female elephant seals in the sea-ice zone: role of the physiography, hydrological factors, and sea-ice condition, University of Tasmania; Sarah Labrousse, 2013-2016, Supervisor(s): Mark Hindell, Christophe Guinet, Jean-Benoit Charrassin

Doctor of Philosophy (PhD), Stock structure and critical habitats for a key apex predator: the sevengill shark, University of Tasmania, James Cook University, Deakin University; Alicia Schmidt-Roach, 2013-2017, Supervisor(s): Jayson Semmens, Adam Barnett, Craig Sherman, Paul Hamer

Doctor of Philosophy (PhD), Biology of the White Spotted Dogfish (*Squalus acanthias*) in South-East Australia, University of Tasmania; David Iturria, 2013-2017, Supervisor(s): Jeremy Lyle, Justin Bell, Jayson Semmens

Masters degree, Temporal variations of sanctuary zone efficiency for a coastal shark species, Flinders University, South Australian Research and Development Institute; Lauriane Escalle, 2013-2015, Supervisor(s): Charlie Huveneers; Funding: South Australian Research and Development Institute

Doctor of Philosophy (PhD), Social interactions and migration patterns of Port Jackson sharks, Macquarie University; Nathan Bass, 2013-2017, Supervisor(s): Joanna Wiszniewski; Partner Institution(s): Taronga Zoo, NSW Marine Parks; Funding: ARC Linkage Project, Taronga Zoo

Masters degree, Larval advection patterns in the Queensland scallop fishery, University of Queensland; Jesse Thomas, Supervisor(s): R Lemos; Partner Institution(s): DAFF Qld; Funding: Fisheries Research and Development Corporation

Doctor of Philosophy (PhD), Inference of foraging success in a top Southern Ocean predator, University of Tasmania; Fernando Gonzalez, 2015-2018, Supervisor(s): Mark Hindell, Sophie Bestley, Clive McMahon, Simon Wotherspoon

Doctor of Philosophy (PhD), Uncoupling oceanographic and life-history drivers to alternate foraging strategies in long-nosed fur seals, University of Tasmania, South Australian Research and Development Institute; Dahlia Foo, 2015-2018, Supervisor(s): Mark Hindell, Simon Goldsworthy, Jayson Semmens, Clive McMahon

Honours degree, Bio-physical characterisation of east Antarctic polynyas as key Southern Elephant seal (*Mirounga leonina*) foraging habitat, University of Tasmania; Veda Malpress, 2015-2016, Supervisor(s): Stuart Corney, Sophie Bestley, Mark Hindell, Dirk Welsford; Partner Institution(s): UTAS, ACE-CRC, AAD

Doctor of Philosophy (PhD), Influence of increasing ocean temperature on the behavior and movement patterns of coral trout, James Cook University; Molly Scott, 2015-2018, Supervisor(s): Morgan Pratchett, Michelle Heupel, Andrew Tobin

Doctor of Philosophy (PhD), Tropical fisheries and sustainability, reef sharks, and ecosystem connectivity, James Cook University; Stacy Bierwagen, 2015-2018, Supervisor(s): Michelle Heupel, Colin Simpfendorfer, Andrew Chin

Honours degree, Comparison of two- and three- dimensional foraging metrics in southern elephant seal modelling, University of Tasmania; P Pascoe, 2015-2015, Supervisor(s): Mark Hindell, Sophie Bestley, Clive McMahon

Masters degree, Environmental drivers of residency patterns in three batoid species; *Dasyatis brevicaudata*, *Myliobatis tenuicaudatus* and *Spiniraja whitleyi*, University of Tasmania; Kali Hubbert, 2015-2016, Supervisor(s): Jayson Semmens, Kilian Stehfest

Doctor of Philosophy (PhD), Comparative diving physiology and ecology across Southern Ocean marine predators, University of Tasmania; Giulia Roncon, 2015-2019, Supervisor(s): Mark Hindell, Sophie Bestley, Clive McMahon

Masters degree, Behaviour of a unique temperate elasmobranch assemblage, University of Tasmania; Evan Leonard, 2016-2017, Supervisor(s): Jayson Semmens, Kilian Stehfest

Doctor of Philosophy (PhD), Elasmobranch site fidelity to soft sediment marine reserves of Jervis Bay, NSW, University of Wollongong; Kye Adams, 2016-2019, Supervisor(s): Nathan Knott, Matt Taylor

Doctor of Philosophy (PhD), Observations of Ocean - Ice Shelf Interaction at the Totten Glacier, University of Tasmania, Commonwealth Scientific Industrial Research Organisation, Antarctic Climate and Ecosystems Cooperative Research Centre; Alessandro Silvano, 2017-2020, Supervisor(s): Steve Rintoul, Beatriz Pena-Molino, Guy Williams, W Hobbs

Masters degree, Do Weddell seals have drift dives?, Macquarie University; C Yong, 2017-2017, Supervisor(s): Rob Harcourt, Iain Jonsen, Clive McMahon, Mark Hindell; Partner Institution(s): AAD, IMAS; Funding: Macquarie University

Masters degree, Characterisation of the western Great Australian Bight upwelling, Flinders University; Nathan Teder, Supervisor(s): Florence Kaempf

Doctor of Philosophy (PhD), Seascape effects on temperate zone fishes, University of Wollongong; Daniel Swadling, Supervisor(s): Andy Davis, Nathan Knott

Doctor of Philosophy (PhD), Behaviour, ecology and biology of stingrays, evaluation of human-wildlife interaction in the marine realm, Macquarie University; Joni Pini-Fitzsimmons, Supervisor(s): Culum Brown

Doctor of Philosophy (PhD), Identifying spawning behaviour and movement patterns of yellowtail kingfish (*Seriola lalandi*) in southern Australia, Flinders University; Thomas Clarke, Supervisor(s): Charlie Huvneers

## Postgraduate Research Projects 77

### Book

Mapstone, B 2017, , Science and Solutions for Australia, Oceans, CSIRO, Clayton South

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### Book Chapters

Bruce, B, Bradford, RW 2012, Spatial dynamics and habitat preferences of juvenile white sharks in eastern Australia, in M Domeier (eds.), *Global Perspectives on the Biology and Life History of the Great White Shark*, CRC Press, Boca Raton

Bruce, B, Bradford, RW 2012, Habitat use and spatial dynamics of juvenile white sharks, *Carcharodon carcharias*, in eastern Australia, in M Domeier (eds.), *Global Perspectives on the Biology and the Life History of the White Shark*, CRC Press, Boca Raton, pp.225-253

Bradford, RW, Bruce, B, Hobday, A 2012, Identifying juvenile white shark behaviour from electronic tag data, in M Domeier (eds.), *Global Perspectives on the Biology and the Life History of the White Shark*, CRC Press, Boca Raton, pp.225-270

Rodda, K, Huvneers, C, Baker, J 2014, Chondrichthyans of 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.227-241

Momigliano, P, Harcourt, R 2014, The science-law disconnect, in EJ Techera, N Klein (eds.), *Sharks: Conservation, Governance and Management*, pp.89-106

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

Willis, Z 2015, National Ocean Observing Systems in a Global Context, in Y Liu, H Kerkerling, R Weisberg (eds.), *Coastal Ocean Observing Systems*, Elsevier, pp.11-25



Heupel, M, Ledee, E, Udyawer, V, Harcourt, R 2018, Acoustic telemetry: an essential sensor in ocean observing systems, in E Delory, J Pearlman (eds.), Challenges and Innovations in Ocean In Situ Sensors, Elsevier

Heupel, M, Kessel, ST, Matley, J, Simpfendorfer, C 2018, Chapter 8: Acoustic Telemetry, in J Carrier, M Heithaus, C Simpfendorfer (eds.), Shark Research: Emerging Technologies and Applications for the Field and Laboratory, CRC Press

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## Community White Papers / Technical Papers

Taylor, M; 2013, A review of acoustic telemetry research within fisheries NSW: background issues and development of a strategic approach

Bax, N, et, al.; 2014, Discovery, Prediction and Monitoring, Comments: National Marine Science Plan Biodiversity Conservation and Ecosystem Health, Canberra, Australia

Kendrick, G, et, al.; 2014, Benthic Ecosystems, Comments: National Marine Science Plan Biodiversity Conservation and Ecosystem Health, Canberra, Australia

Hoenner, X, Harcourt, R; 2015, Metadata template for animal archival and satellite tags

Harcourt, R, McMahon, C; 2016, Environmental authorisation report, territories environment and treaties section, Australian Antarctic Division

Dudgeon, C; 2017, From stripes to spots and other transformations in a most unusual shark

Heupel, M, Ledee, E, Campbell, H, Hoenner, X, Jaine, F, Udyawer, V, Simpfendorfer, C, Taylor, M, Harcourt, R; 2018, Application of acoustic telemetry and network analysis to explore stock structure, Comments: Research Providers Network

**Community White Papers/Technical Papers 7**

## Conference Proceedings

O'Dor, R, Dagorn, L, Holland, K, Jonsen, I, Payne, J, Sauer, W, Semmens, J, Stokesbury, MJW, Smith, P, Whoriskey, F 2010, The Ocean Tracking Network, Proceedings of OceanObs'09: Sustained Ocean Observations and Information for Society (Vol 2), Venice, Italy, September 2009, ESA Publication WPP-306, Venice, Presenter: R O'Dor

Heupel, M, Webber, D 2013, Trends in acoustic tracking: where are the fish going and how will we follow them? , Proceedings of Advances in Fish Tagging and Marking Technology, Auckland, Presenter: Michelle Heupel

Laffan, SW, Taylor, M 2013, FishTracker: a GIS toolbox for kernel density estimation of animal home ranges that accounts for transit times and hard boundaries, Proceedings of MODSIM2013, Adelaide, Presenter: Shawn Laffan

**Conference Proceedings 3**

Jonsen, I, McMahon, C, Patterson, T, Auger-Methe, M, Harcourt, R, Hindell, MA, Tamura, T, Williams, G 2018, Movement behaviour responses to environment: fast inference of individual variation with a mixed effects model, bioRxiv, doi:10.1101/314690

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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

Barnett, A, Stevens, JD, Frusher, SD, Semmens, J 2010, Seasonal occurrence and population structure of the broadnose sevengill shark (*Notorynchus cepedianus*) in coastal habitats of south east Tasmania, Journal of Fish Biology, vol. 77, no. 7, pp. 1688-1701, doi:10.1111/j.1095-8649.2010.02810

Fujioka, K, Hobday, A, Kawabe, R, Miyashita, K, Honda, K, Itoh, T, Takao, Y 2010, Interannual variation in summer habitat utilization by juvenile southern blue fin tuna (*Thunnus maccoyii*) in southern Western Australia, Fisheries Oceanography, vol. 19, no. 3, pp. 183-195, doi:10.1111/j.1365-2419.2010.00536.x

Fujioka, K, Kawabe, R, Hobday, A, Takao, Y, Miyashita, K, Sakai, O, Itoh, T 2010, Spatial and temporal variation in the distribution of juvenile southern blue fin tuna *Thunnus maccoyii*: implication for precise estimation of recruitment abundance indices, Fisheries Science, vol. 76, no. 3, pp. 403-410, doi:10.1007/s12562-010-0228-4

Williams, G, Hindell, MA, Houssais, MN, Tamura, T, Field, IC 2010, Upper ocean stratification and sea ice growth rates during the summer-fall transition, as revealed by Elephant seal foraging in the Adélie Depression, East Antarctica, Ocean Science, vol. 7, pp. 1913-1951, doi:10.5194/osd-7-1913-2010

Speed, CW, Field, IC, Meekan, MG, Bradshaw, CJA 2010, Complexities of coastal shark movements and their implications for management, Marine Ecology Progress Series, vol. 408, pp. 275-293, doi:10.3354/meps08581

Barnett, A, Abrantes, K, Stevens, JD, Bruce, B, Semmens, J 2010, Fine-scale movements of the broadnose sevengill shark, and its main prey, the gummy shark, PLoS One, vol. 5, no. 12, doi:10.1371/journal.pone.0015464

Semmens, J, Buxton, C, Forbes, E, Phelan, MJ 2010, Spatial and temporal use of spawning aggregation sites by the tropical sciaenid *Protonibea diacanthus*, Marine Ecology Progress Series, vol. 403, pp. 193-203, doi:10.3354/meps08469

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Honda, K, Hobday, A, Kawabe, R, Tojo, N, Fujioka, K, Takao, Y, Miyashita, K 2010, Age-dependent distribution of juvenile southern blue fin tuna (*Thunnus maccoyii*) on the continental shelf off southwest Australia determined by acoustic monitoring, Fisheries Oceanography, vol. 19, no. 2, pp. 151-158, doi:10.1111/j.1365-2419.2010.00534.x

Barnett, A, Abrantes, K, Stevens, JD, Yick, JL, Frusher, SD, Semmens, J 2010, Inferring predator-prey relationships and foraging ecology of a marine apex predator with a wide temperate distribution, Marine Ecology Progress Series, vol. 416, pp. 189-200, doi:10.3354/meps08778

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- Stehfest, K 2013, Novel methods for quantifying movement behaviour of free-ranging fish from telemetry data, Doctor of Philosophy (PhD), University of Tasmania, Hobart
- Twiname, S 2013, The diet of whale sharks (*Rhincodon typus*) at Ningaloo Reef: an analysis using stable isotopes, Honours degree, University of Western Australia, Perth
- Chin, A 2013, The biology and ecology of the blacktip reef shark *Carcharhinus melanopterus* (Quoy & Gaimard, 1824) and implications for management, Doctor of Philosophy (PhD), James Cook University, Townsville
- Vianna, G 2014, Population structure, spatial ecology and socio-economic value of reef sharks in Palau, Micronesia, University of Western Australia, Doctor of Philosophy (PhD), University of Western Australia, Perth
- White, J 2014, The ecology of shark-like batoids: implications for management in the great barrier reef region, Doctor of Philosophy (PhD), James Cook University, Townsville
- Schnell, A 2014, Signalling, mating and conflict resolution in the giant Australian cuttlefish, *Sepia apama*, Doctor of Philosophy (PhD), Macquarie University, Sydney
- Lee, K 2014, Novel application of acoustic telemetry as a conservation tool for large predatory fish, Doctor of Philosophy (PhD), Macquarie University, Sydney
- Marzullo, T 2014, Estuarine use and ecological impacts of two stingray families; dasyatids and urolophids (stingrays and stingarees), Doctor of Philosophy (PhD), University of New South Wales, Sydney
- Gannon, R 2014, Site fidelity, natal homing and metapopulation structure in large estuarine predators, Doctor of Philosophy (PhD), University of New South Wales, Sydney
- Kim, Y 2014, Breeding and foraging ecology of the threatened Gould's Petrel, *Pterodroma leucoptera*, Doctor of Philosophy (PhD), Macquarie University, Sydney
- Ledee, E 2015, Improving understanding of spatial ecology through network analysis of acoustic monitoring data, Doctor of Philosophy (PhD), Australian Institute of Marine Science, Townsville
- Espinoza, M 2015, Movements, habitat use and connectivity of reef-associated sharks: implications for management and conservation, Doctor of Philosophy (PhD), James Cook University, Townsville
- Stocks, J 2015, Ecology of the eastern rock blackfish *Girella elevata* across a latitudinal gradient, Doctor of Philosophy (PhD), University of New South Wales, Sydney
- Keller, K 2015, Fish residency and fish harvest from an offshore artificial reef, Doctor of Philosophy (PhD), Department of Primary Industries, NSW, Sydney
- Alberts-Hubatsch, H 2015, Movement patterns and habitat use of the exploited swimming crab *Scylla serrata* (Forsk., 1775), Doctor of Philosophy (PhD), Griffith University, Brisbane
- Currey, L 2015, Movement of an exploited reef teleost across spatial and temporal scales, Doctor of Philosophy (PhD), James Cook University, Townsville
- Munroe, S 2015, Habitat and dietary selectivity of nearshore shark populations, Doctor of Philosophy (PhD), James Cook University, Townsville

Udyawer, V 2015, Spatial ecology of true sea snakes (Hydrophiinae) in coastal waters of North Queensland, Doctor of Philosophy (PhD), James Cook University, Townsville

Labrousse, S 2016, Foraging ecology of male and female elephant seals in the sea-ice zone: role of the physiography, hydrological factors, and sea-ice condition, Doctor of Philosophy (PhD), University of Tasmania, Hobart

Oh, B 2016, Characterising the ecological role of nursery areas for the protection of two coastal shark species at Ningaloo , Doctor of Philosophy (PhD), University of Western Australia, Perth

Penaherrera-Palma, C 2016, Abundance, distribution and conservation value of sharks in the Galapagos Marine Reserve, Doctor of Philosophy (PhD), Commonwealth Scientific Industrial Research Organisation, Hobart

Hubbert, K 2016, Environmental drivers of residency patterns in three batoid species; *Dasyatis brevicaudata*, *Myliobatis tenuicaudatus* and *Spiniraja whitleyi*, Masters degree, University of Tasmania, Hobart

Cadiou, G 2016, Movements and activity patterns of luderick (*Girella tricuspidata*): drivers and spatial scales, Doctor of Philosophy (PhD), University of Technology Sydney, Sydney

Brodie, S 2016, The ecology and distribution of two pelagic fish: yellowtail kingfish *Seriola lalandi* and dolphinfish *Coryphaena hippurus*, Doctor of Philosophy (PhD), University of New South Wales, Sydney

van der Meulen, D 2016, Environmentally mediated spawning migrations of an estuarine dependent sillaginid, Doctor of Philosophy (PhD), University of New South Wales, Sydney

McAllister, J 2016, Examining the role of area closures for the protection and conservation of an overexploited coastal shark species, Doctor of Philosophy (PhD), University of Tasmania, Hobart

Matley, J 2016, Investigation of coral trout (*Plectropomus* spp.) movement patterns and resource use: a multidisciplinary approach using acoustic telemetry and dietary indicators, Doctor of Philosophy (PhD), Australian Institute of Marine Science, Townsville

Lads, M 2017, Modelling energetics of fur seals and sea lions, Doctor of Philosophy (PhD), Macquarie University, Sydney

Malpress, V 2017, Bio-physical characterisation of east Antarctic polynyas as key southern elephant seal (*Mirounga leonina*) foraging habitat, Honours degree, University of Tasmania, Hobart

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## Data Products

World Ocean Database, (1993 - 2029) Database. [http://www.nodc.noaa.gov/OC5/WOD09/pr\\_wod09.html](http://www.nodc.noaa.gov/OC5/WOD09/pr_wod09.html)

Marine Mammals Exploring the Oceans Pole to Pole (MEOP), (2003 - 2035) Database. <http://www.meop.net>

Removeundefined IMOS - Animal Tracking Facility - Acoustic Tracking - Quality Controlled Detections (2007 -2017), (2006 - 2016) Database. <https://portal.aodn.org.au/search?uuiid=0ede6b3d-8635-472f-b91c-56a758b4e091>

**Data Products 3**

## Public Seminars

Harcourt, R; Australian Acoustic Tagging and Monitoring System; SIMS Open Day, 04/03/2007 - 04/03/2007, Sydney Institute for Marine Science, Sydney, Presenter(s): Rob Harcourt

Huveneers, C; Australian Acoustic Tracking and Monitoring System (AATAMS); Vemco Presentation, 06/10/2007 - 07/10/2007, Vemco, Halifax, Presenter(s): Charlie Huveneers

Huveneers, C; Australian Acoustic Tracking and Monitoring System (AATAMS); Department of Primary Industries Victoria Presentation, 19/10/2007 - 19/10/2007, Department of Primary Industries Victoria, Melbourne, Presenter(s): Charlie Huveneers



Harcourt, R, Huveneers, C; Australian Acoustic Tagging and Monitoring System (AATAMS); SIMS Open Day, 02/03/2008 - 02/03/2008, Sydney Institute for Marine Science, Sydney

Huveneers, C; Shark biology and ecology: overview of research experience; Flinders University Seminar, 06/05/2008 - 06/05/2008, Flinders University, Adelaide, Presenter(s): Charlie Huveneers

Huveneers, C; Shark biology and ecology: overview of research experience; SARDI Public Seminar, 07/05/2008 - 07/05/2008, South Australian Research and Development Institute, Adelaide, Presenter(s): Charlie Huveneers

Meekan, MG; Tagging and tracking the world's largest fish; Siemens Science Seminars, Charles Darwin University, 06/06/2008 - 06/06/2008, Charles Darwin University, Darwin, Presenter(s): Mark Meekan

Harcourt, R, Huveneers, C; The Australian Acoustic Tagging and Monitoring System (AATAMS); AIMS Seminar, 23/06/2008 - 23/06/2008, Australian Institute of Marine Science, Darwin

Huveneers, C, Harcourt, R; The Australian Acoustic Tagging and Monitoring System (AATAMS); James Cook University Departmental Seminar, 26/06/2008 - 26/06/2008, James Cook University, Townsville

Lee, K; Shark Research at SIMS; SIMS Open Day, 15/03/2009 - 15/03/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Kate Lee

Lee, K, Harcourt, R, Huveneers, C; Effectiveness of Marine Protected Areas - Conservation of Wobbegongs; Graduate School of the Environment Seminar Series, 28/05/2009 - 28/05/2009, Macquarie University, Sydney

Lee, K; The efficacy of small marine protected areas for the conservation of eastern blue groper; Graduate School of the Environment Seminar Series, 28/05/2009 - 28/05/2009, Macquarie University, Sydney, Presenter(s): Kate Lee

Townsend, K; Project manta - ecology and biology of an iconic marine species; Women in Diving, 06/06/2009 - 06/06/2009, Brisbane, Presenter(s): Kathy Townsend

Huveneers, C; Deadly encounter, how safe are we from sharks in Sydney Waters?; SIMS Presentation, 10/06/2009 - 10/06/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Charlie Huveneers

Huveneers, C, Lee, K, Peddemors, V, Webber, D, Vallee, R, Harcourt, R, MacDonald, T; Lazy Sharks? The wobbegong shark tracking project in Sydney; SIMS Presentation, 10/06/2009 - 10/06/2009, Sydney Institute for Marine Science, Sydney

Bruce, B; De-mistifying great white sharks; Great Lakes Marine Discovery Series 2009, 17/06/2009 - 17/06/2009, Forster, Presenter(s): Bary Bruce

Bruce, B; Movement of white sharks around Australian waters; Port Stephens's Discovery Series Seminar, 18/06/2009 - 18/06/2009, Port Stephens, Presenter(s): Bary Bruce

Hindell, MA; Foraging habitat of predators and areas of ecological significance in the Southern Ocean; IMAS Seminar Series, 23/06/2009 - 23/06/2009, University of Tasmania, Hobart, Presenter(s): Mark Hindell

Meekan, MG; Tracking whale sharks; University of Western Australia Extension Lecture Series, 25/06/2009 - 25/06/2009, University of Western Australia, Perth, Presenter(s): Mark Meekan

Huveneers, C; Deadly encounter, how safe are we from sharks in Sydney Waters? ; Sydney Aquarium Presentation, 20/09/2009 - 20/09/2009, Sydney Aquarium, Sydney, Presenter(s): Charlie Huveneers

Huveneers, C; Shark ecology in South Australia; Community Connections Solutions Australia (CCSA) Fundraising Presentation, 18/12/2009 - 18/12/2010, Flinders University, Adelaide, Presenter(s): Charlie Huveneers

Lee, K; Wobbegong research at Cabbage Tree Bay; Manly Environment Awareness Day, 23/01/2010 - 23/01/2010, Sydney, Presenter(s): Kate Lee

Stieglitz, T; Physics at the land-ocean interface: stories of mangroves, submarine groundwater & shipwrecks - processes driving connectivity; Laboratoire des sciences de l'environnement marin, Institut Universitaire Européen de la Mer, 09/02/2010 - 09/02/2010, Université de Bretagne Occidentale, Brest, Presenter(s): T Stieglitz

Bruce, B; White shark movements off the NSW coast; Jervis Bay Marine Park Marine Lecture Series, 18/03/2010 - 18/03/2010, Jervis Bay, Presenter(s): Bary Bruce

Speed, CW; Movement, feeding and behaviour of reef sharks at Ningaloo Reef; University of Western Australia Oceans Institute Postgraduate Student Showcase, 16/04/2010 - 16/04/2010, University of Western Australia, Perth, Presenter(s): Conrad Speed

Goldsworthy, S; Using animal sensors to understand and monitor our marine environment; Institute of Marine Engineering, Science & Technology Presentation, 28/04/2010 - 28/04/2010, Adelaide, Presenter(s): Simon Goldsworthy

Bruce, B; De-mistifying great white sharks; Great Lakes Marine Discovery Series 2010 , 03/05/2010 - 03/05/2010, Forster, Presenter(s): Bary Bruce

Bruce, B; De-mistifying great white sharks; Hunter-Central Rivers Catchment Management Authority (HCRCMA) Marine Discovery Series 2010, 05/05/2010 - 05/05/2010, Port Stephens, Presenter(s): Bary Bruce

Speed, CW; The trophic ecology of reef sharks using stable isotopes and telemetry; Independent talk for Ecology & Evolutionary Biology, University of Adelaide, 18/05/2010 - 18/05/2010, University of Adelaide, Adelaide, Presenter(s): Conrad Speed

Huveneers, C; Shark research in South Australia; University of the Third Age Club Presentation, 01/08/2010 - 01/08/2010, Flinders University, Adelaide, Presenter(s): Charlie Huveneers

Lee, K; 'Blue groper, wobbegongs and small marine protected areas; Department Environment, Climate Change and Water Seminar, 18/08/2010 - 18/08/2010, Department of Environment, Climate Change and Water, Sydney, Presenter(s): Kate Lee

Field, IC, Harcourt, R, Hindell, MA; Seals as indicators of biological changes in response to oceanographic variability in the Southern Ocean; SIMS Presentation, 15/09/2010 - 15/09/2010, Sydney Institute for Marine Science, Sydney, Presenter(s): Iain Field

Braccini, M; Shark research in Western Australia with an international perspective; Western Australian Land Information System (WALIS) Marine Group Forum - Turning Data Into Knowledge: Marine Data Management in Western Australia, 16/09/2010 - 16/09/2010, Perth, Presenter(s): J. Matias Braccini

Lee, K; Whats happened to blue? The use of MPAs by wobbegongs and blue groper; Waverley Council Presentation, 14/10/2010 - 14/10/2010, Sydney, Presenter(s): Kate Lee

Lee, K; Blue groper and small MPAs; Advisory Council for Recreational Fishing Presentation, 07/12/2010 - 07/12/2010, Industry and Investment New South Wales, Sydney, Presenter(s): Kate Lee

Lee, K; The use of VR2W positioning system to position for a cryptic species; Industry and Investment New South Wales Presentation, 09/12/2010 - 09/12/2010, Industry and Investment New South Wales, Sydney, Presenter(s): Kate Lee

van der Meulen, D, Walsh, CT, Gray, C, Taylor, M; Investigating fine-scale spawning habitat and reproductive dynamics of estuarine-dependent fishes; NSW Department of Primary Industries (NSW DPI) Seminar Series, 26/05/2011 - 26/05/2011, Department of Primary Industries, NSW, Sydney, Presenter(s): Dylan van der Meulen

Bruce, B; Great white sharks and marine areas in the Hunter-Central Rivers region; Hunter-Central Rivers Catchment Management Authority (HCRCMA) Marine Discovery Series 2011, 27/05/2011 - 27/05/2011, Aberdeen, Presenter(s): Bary Bruce

Meekan, MG; Understanding whale sharks at Ningaloo Reef WA; Ningaloo Whale Shark Festival, 28/05/2011 - 28/05/2011, Exmouth, Presenter(s): Mark Meekan

Lee, K, Huveneers, C, Peddemors, V, Harcourt, R; Where is bluey now? Results of blue groper monitoring programme in Bronte-Coogee Aquatic Reserve; Waverley Council Presentation, 03/08/2011 - 03/08/2011, Sydney

Townsend, K; Project Manta – Ecology and biology of an iconic marine species; Open Gala - Earthwatch Institute, 10/08/2011 - 10/08/2011, Melbourne, Presenter(s): Kathy Townsend

Lee, K, Huveneers, C, Peddemors, V, Harcourt, R; The wonder of the fourth dimension. Four dimensional modelling of high movement; Macquarie University Internal Seminar, 23/11/2011 - 23/11/2011, Macquarie University, Sydney

Currey, L; The Great Barrier Reef: A great place to study!; Milchester State School Public Seminar, 07/03/2012 - 07/03/2012, Charters Towers, Presenter(s): Leanne Currey

Udyawer, V; The movement of blacktip sharks within a nursery habitat and the effects of extreme weather; DEEDI Public Seminar, 07/03/2012 - 07/03/2012, Brisbane, Presenter(s): Vinay Udyawer

Currey, L, Heupel, M, Clark, TD, Simpfendorfer, C, Williams, A, Sutton, S; Max from the catch? Blood lactate loads of redthroat emperor associated with angling stress and exhaustive exercise; AIMS Seminar, 26/04/2012 - 26/04/2012, Australian Institute of Marine Science, Darwin, Presenter(s): Leanne Currey

Espinoza, M, Heupel, M, Simpfendorfer, C, Tobin, A; The role of sharks in coral reef ecosystems: movements and trophic ecology of top predators along the Great Barrier Reef; AIMS@JCU Seminar Day, 26/06/2012 - 26/06/2012, Townsville, Presenter(s): Mario Espinoza

Munroe, S, Heupel, M, Simpfendorfer, C; Habitat selectivity of nearshore sharks; AIMS@JCU Seminar Day, 26/06/2012 - 26/06/2012, Townsville, Presenter(s): Samantha Munroe

Udyawer, V, Knip, D, Chin, A, Heupel, M, Simpfendorfer, C; Effects of large-scale storm disturbances on movement and habitat use of coastal sharks within Cleveland Bay; AIMS@JCU Seminar Day, 26/06/2012 - 26/06/2012, Townsville, Presenter(s): Vinay Udyawer

Heupel, M; Acoustic Tracking; Heron Island Research Station Public Seminar Series 2012, 06/09/2012 - 06/09/2012, Heron Island, Presenter(s): Michelle Heupel

Semmens, J; Where, when, how and why: Using acoustic telemetry to understand marine animal movement, behaviour and physiology; The Laboratory, Citadel Hill Public Seminar, 08/03/2013 - 08/03/2013, Plymouth, Presenter(s): Jayson Semmens

Heupel, M; Acoustic Tracking; Heron Island Research Station Public Seminar Series 2013, 10/03/2013 - 10/03/2013, Heron Island, Presenter(s): Michelle Heupel

Heupel, M; Advances in acoustic tracking; School of Marine and Tropical Biology Seminar, 01/04/2013 - 01/04/2013, James Cook University, Townsville, Presenter(s): Michelle Heupel

Cadiou, G; Drivers of temporal and spatial movements patterns in luderick *Girella tricuspidata* in NSW, Australia; Royal Zoological Society of NSW Seminar, 30/04/2013 - 30/04/2013, University of New South Wales, Sydney, Presenter(s): Gwenael Cadiou

Currey, L; Movement of redthroat emperor (a tasty reef fish) in time and space; Townsville Central Rotary Club Public Seminar, 12/05/2013 - 12/05/2013, Townsville, Presenter(s): Leanne Currey

Huveneers, C; Shark ecology and biology@Flinders University; Flinders University Public Seminar, 18/06/2013 - 18/06/2013, Flinders University, Adelaide, Presenter(s): Charlie Huveneers

Heupel, M; Understanding fish behaviour using acoustic methods; Hichinbrook Fishing Club Public Seminar, 09/07/2013 - 09/07/2013, Townsville, Presenter(s): Michelle Heupel

Huveneers, C; The truth about sharks: more than meet the eyes; Junior Field Naturalist of South Australia, 01/05/2014 - 01/05/2014, Adelaide, Presenter(s): Charlie Huveneers

The truth about sharks: more than meet the eyes; Rodney Fox Shark Expeditions Science Talk, 10/05/2014 - 10/05/2014, Neptune Islands, Presenter(s): Charlie Huveneers

Harcourt, R; Conservation of wildlife: optimising effective and ethical practice; University of Technology (UTS) Public Seminar, 22/05/2014 - 22/05/2014, University of Technology Sydney, Sydney, Presenter(s): Rob Harcourt

Harcourt, R; Harbour shark alarm: acoustic network monitoring our migrating marine life; The Daily Telegraph, 17/07/2014 - 17/07/2014, Sydney, Presenter(s): Rob Harcourt

Harcourt, R; How will the oceans be different if large fish and mammals build up again?; Genes to Geosciences Outlook, 29/07/2014 - 30/07/2014, Macquarie University, Sydney, Presenter(s): Rob Harcourt

Espinoza, M, Heupel, M, Tobin, A, Simpfendorfer, C; Movements and residency patterns of grey reef sharks in semi-continuous reef habitats; AIMS@JCU Seminar Day, 08/08/2014 - 08/08/2014, Townsville, Presenter(s): Mario Espinoza

Espinoza, M, Heupel, M, Tobin, A, Simpfendorfer, C; Partial migration of marine predators: is habitat the key?; AIMS@JCU Seminar Day, 08/08/2014 - 08/08/2014, Townsville, Presenter(s): Mario Espinoza

Steinberg, C, Bainbridge, S, Heupel, M, Meekan, MG, Benthuyssen, 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

Peddemors, V, Smoothey, A, Bruce, B; Shark movements and attack mitigation strategies; NSW Fisheries - Monthly Presentations, Ballina, Presenter(s): Vic Peddemors

Peddemors, V, Smoothey, A, Bruce, B; Shark movements and attack mitigation strategies, November 2015; NSW Fisheries - Monthly Presentations, Ballina, Presenter(s): Vic Peddemors

McMahon, C; Seals as Oceanographers - AAS 4329; Davis Station Presentation, 25/11/2015 - 25/11/2015, Davis Station, Presenter(s): Clive McMahon

Peddemors, V, Smoothey, A, Butcher, P, Bruce, B; Shark movements and attack mitigation strategies, December 2015; NSW Fisheries - Monthly Presentations, Ballina, Presenter(s): Vic Peddemors

Harcourt, R; Are animals the new oceanographers?; SIMS Lunchtime Seminar Series and Topics in Australian Marine Science Seminar Program, 05/05/2016 - 05/05/2016, Sydney Institute for Marine Science, Sydney, Presenter(s): Rob Harcourt

Steckenreuter, A; Tracking Marine Species around Australia - Great Barrier Reef to Southern Ocean and Ningaloo Reef to Sydney Harbour; Invited Seminar at Stockholm University, 12/05/2016 - 12/05/2016, Stockholm, Presenter(s): Andre Steckenreuter

Steckenreuter, A; Tracking Marine Species around Australia - Great Barrier Reef to Southern Ocean and Ningaloo Reef to Sydney Harbour; Seminar at Workers Education Association, 22/06/2016 - 22/06/2016, Sydney, Presenter(s): Andre Steckenreuter

Harcourt, R; Are animals the new oceanographers?; Public Lecture, Sydney Institute of Marine Science, 30/03/2017 - 30/03/2017, Sydney, Presenter(s): Rob Harcourt

Harcourt, R, McMahon, C; Exploring the deep- animals as the new Oceanographers; Public Seminar - Royal Sydney Yacht Squadron, 22/11/2017 - 22/11/2017, Sydney, Presenter(s): Rob Harcourt

Harcourt, R; Ocean observing, animal tracking and keeping our oceans healthy; Public Seminar - National Sailing Championships, 15/12/2017 - 15/12/2017, Sydney, Presenter(s): Rob Harcourt

Hoenner, X, Harcourt, R; Marine trackers show how warming waters affect Australian sea life and beyond (<http://www.abc.net.au/news/2018-01-31/marine-trackers-to-show-how-climate-change-affects-sea-animal/9375360>); ABC News - website, 31/01/2018 - 31/01/2018, Hobart

Harcourt, R; Animals as ocean sensors: entering the era of integrated marine observing; Seminar at WSUV College of Arts and Sciences, 26/03/2018 - 26/03/2018, Vancouver, Presenter(s): Rob Harcourt

Harcourt, R; Are Animals the new Oceanographers? insights from down under; Seminar at Simon Fraser University, 12/04/2018 - 12/04/2018, Vancouver, Presenter(s): Rob Harcourt

Harcourt, R; Marine Animals as ocean sensors: their role in Australia's Integrated Marine Observing System; Seminar at The University of British Columbia, 18/04/2018 - 18/04/2018, Vancouver, Presenter(s): Rob Harcourt

Harcourt, R; Bionic seals doing their bit for science in Antarctica as transmitting headsets help our understanding of changes in the Southern Ocean ; 4BL Radio, Sydney, Presenter(s): Rob Harcourt

Harcourt, R; Bionic seals doing their bit for science in Antarctica as transmitting headsets help our understanding of changes in the Southern Ocean ; The Daily Telegraph, Sydney, Presenter(s): Rob Harcourt

Harcourt, R; Ocean knowledge sealed up; The Advertiser, Sydney, Presenter(s): Rob Harcourt

Harcourt, R; Seals as scientists; Mornings with Tim Holt, ABC South East NSW, Sydney, Presenter(s): Rob Harcourt

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## Conferences, Symposia or Workshops

### Conference Oral Presentation

Stieglitz, T; The Yongala's Halo of Holes – Who's digging it? Acoustic Tracking of Stingrays at the wreck of the Yongala; Australian Marine Science Association Conference, 09/07/2007 - 13/07/2007, University of Melbourne, Melbourne, Presenter(s): T Stieglitz

Suthers, I, Harcourt, R, Huveneers, C; NSW-IMOS and oceanographic effects on organisms, and AATAMS (Australian Acoustic Tagging & Monitoring System); Australian Marine Science Association Conference, 09/07/2007 - 13/07/2007, University of Melbourne, Melbourne

McGregor, F, Van Keulen, M, Meekan, MG, Waite, A; Foraging ecology and population dynamics of the manta ray *Manta birostris* in lagoonal waters of Ningaloo Reef WA; Joint Meeting of Ichthyologists and Herpetologists, 23/07/2008 - 28/07/2008, Montreal, Presenter(s): Frazer McGregor

Meekan, MG; Tracking the world's largest fish; Coast to Coast Conference, 18/08/2008 - 22/08/2008, Darwin, Presenter(s): Mark Meekan

Speed, CW, Meekan, MG, Field, IC, Huveneers, C, Stevens, JD, McGregor, F, Berger, Y, Bradshaw, CJA; Reef shark movement patterns at Ningaloo Reef, WA; Coast to Coast Conference, 18/08/2008 - 22/08/2008, Darwin, Presenter(s): Conrad Speed

White, W, McCauley, R, Chidlow, J, McGregor, F, Pillans, R, Bradshaw, CJA; Reef shark movement patterns at Ningaloo Reef, Western Australia; Oceania Chondrichthyan Society Conference, 22/09/2008 - 24/09/2008, Sydney

Speed, CW, Meekan, MG, Field, IC, Bradshaw, CJA; Reef shark movement patterns at Ningaloo Reef, Western Australia; Greenhouse 2009: Climate Change and Resources, 23/03/2009 - 26/03/2009, Perth, Presenter(s): Conrad Speed

Huveneers, C, Lee, K, Peddemors, V, Webber, D, Vallee, R, Harcourt, R, MacDonald, T; Fine-scale position of wobbegongs within an aquatic reserve – novel use for VR2W acoustic receiver; 8th Indo-Pacific Fish Conference, 31/05/2009 - 05/06/2009, Fremantle

Meekan, MG; Patterns of habitat utilisation by reef sharks at offshore atolls; 8th Indo-Pacific Fish Conference, 31/05/2009 - 05/06/2009, Fremantle, Presenter(s): Mark Meekan

Speed, CW, Meekan, MG, Stevens, JD, Huveneers, C, Pillans, R, McCauley, R, McGregor, F, Bradshaw, CJA; Movement patterns of reef sharks at Ningaloo Reef; 8th Indo-Pacific Fish Conference, 31/05/2009 - 05/06/2009, Fremantle

Bryars, S, Paul, R, Huveneers, C, Smith, I, Payne, N, MacDonald, T; What size do no-take marine reserves need to be for total protection of adult western blue groper? ; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Huveneers, C, Bruce, B, Hobday, A, Speed, CW, Meekan, MG, Harcourt, R; The Australian Acoustic Tagging and Monitoring System (AATAMS): applications for high trophic level predators; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Meekan, MG, Field, IC, Stevens, JD; Contrasting patterns in habitat use and migration of grey reef (*Carcharhinus amblyrhynchos*), hammerhead (*Sphyrna mokarran*) and tiger (*Galeocerdo cuvier*) sharks in Western Australia ; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide, Presenter(s): Mark Meekan

Heupel, M, Simpfendorfer, C, Fitzpatrick, R; Preliminary analysis of grey reef shark movements on the great Barrier Reef; 25th Annual American Elasmobranch Society Meeting, 22/07/2009 - 27/07/2009, Portland

Heupel, M, Simpfendorfer, C, Fitzpatrick, R; Preliminary analysis of grey reef shark movements on the great Barrier Reef; 13th European Elasmobranch Association Meeting, 19/11/2009 - 22/11/2009, Majorca

Barnett, A; Movement of broadnose sevengill sharks *Notorynchus cepedianus* in coastal areas of southeast Tasmania; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Adam Barnett

Cerutti-Pereyra, F; Movements and site fidelity of rays at Ningaloo Reef, Western Australia; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Florencia Cerutti-Pereyra

Chin, A, Simpfendorfer, C, Heupel, M, Tobin, A; More than a reef shark? The movement and habitat use patterns of *Carcharhinus melanopterus* in inshore, non-reef environments; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Couturier, L, Jaine, F, Townsend, K, Weeks, S, Richardson, A, Bennett, M; Local site fidelity and regional movements of the manta ray, 2010. *Manta alfredi*, along the eastcoast of Australia; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Knip, D, Heupel, M, Simpfendorfer, C, Tobin, A, Maloney, J; Seasonal patterns in movement and distribution of juvenile pigeye sharks (*Carcharhinus amboinensis*) in Cleveland Bay, north Queensland; Sharks International, 06/06/2010 - 11/06/2010, Cairns



Lee, K, Huvneers, C, Peddemors, V, Smith, F, Harcourt, R; VPS, a novel use of VR2W's for long-term precise movement assessment: trials and tribulations in determining wobbegong shark habitat use; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Lee, K; VPS, a novel use of VR2s for long-term precise movement assessment: trials and tribulations in determining wobbegong shark habitat use; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Kate Lee

Meekan, MG; Running on empty – how the world's largest fish sustains a planktivorous life style; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Mark Meekan

Meekan, MG; Whale sharks as animal-borne imaging platforms; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Mark Meekan

Smoothey, A, Peddemors, V, Gray, C, Kennelly, SJ; Patterns of distribution and movement of adult bull sharks in Sydney Harbour; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Speed, CW, Meekan, MG, Field, IC, McMahon, C, Stevens, JD, Huvneers, C, McGregor, F, Berger, Y, Bradshaw, CJA; Reef shark aggregation monitoring with acoustic telemetry at Ningaloo; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Speed, CW; Reef shark aggregations at Ningaloo Reef; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Conrad Speed

Bestley, S, Rintoul, S, Charrassin, J-B; Seals reveal ocean-ice interaction in East Antarctica; International Polar Year Science Conference, 08/06/2010 - 12/06/2010, Oslo

Fedak, M; The MEOP Project: Marine Mammals Exploring the Oceans Pole to Pole; International Polar Year Science Conference, 08/06/2010 - 12/06/2010, Oslo, Presenter(s): Mike Fedak

Field, IC, Harcourt, R, Sumner, MD, Hindell, MA; Insights from MEOP: Four dimensional foraging habitat of southern elephant seals from Macquarie Island; International Polar Year Science Conference, 08/06/2010 - 12/06/2010, Oslo, Presenter(s): Iain Field

Payne, N, Semmens, J, Gillanders, B, Seymour, RS, Webber, D, Snelling, EP; Accelerometry reveals patterns in field metabolic rate of giant Australian cuttlefish *Sepia apama* during breeding; Society of Experimental Biology Conference, 30/06/2010 - 03/07/2010, Prague, Presenter(s): Jayson Semmens

Semmens, J, Webber, D, Frappell, PB, Hagg, J, Lyle, J, Buxton, C; Movement patterns, swimming speed and metabolic rate of a vulnerable temperate rocky-reef fish, *Cheilodactylus spectabilis* during the spawning season; Society of Experimental Biology Conference, 30/06/2010 - 03/07/2010, Prague, Presenter(s): Jayson Semmens

Heupel, M, Simpfendorfer, C, Knip, D, Chin, A, White, J; Spatial ecology of nearshore elasmobranchs; 26th Annual American Elasmobranch Society Meeting, 07/07/2010 - 12/07/2010, Providence

Knip, D, Heupel, M, Simpfendorfer, C, Moloney, J; Site fidelity and habitat use of spot-tail sharks (*Carcharhinus sorrah*) in a tropical nearshore environment; 26th Annual American Elasmobranch Society Meeting, 07/07/2010 - 12/07/2010, Providence

Hindell, MA; 3 dimensional foraging habitats of top predators, and areas of ecological significance, on the Kerguelen Plateau; SCAR Open Science Conference, 03/08/2010 - 06/08/2010, Buenos Aires, Presenter(s): Mark Hindell

Donnolly, A, Townsend, K; Project Manta: a case study of how engaging "citizen scientists"; 85th Annual Australian Coral Reef Society (ACRS) Conference, 10/09/2010 - 12/09/2010, Coffs Harbour, Presenter(s): A Donnolly

Jaine, F, Weeks, S, Townsend, K, Richardson, A, Bennett, M; Seasonal aggregations and environmental preferences of the manta ray *Manta alfredi* at Lady Elliot Island, southern GBR; 85th Annual Australian Coral Reef Society (ACRS) Conference, 10/09/2010 - 12/09/2010, Coffs Harbour, Presenter(s): Fabrice Jaine



Semmens, J, Webber, D, Forbes, E, Lyle, J, Buxton, C; New technology developments for understanding spatial and temporal activity patterns of fish in nature; 63rd Canadian Conference for Fisheries Research, 07/01/2011 - 09/01/2011, Winnipeg, Presenter(s): Jayson Semmens

Babcock, R, Patterson, T, Bravington, M, Pillans, R; Including habitats in estimates of utilization distributions of reef fish; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Russ Babcock

Lowther, A; Avoiding the crowds: combining fine-scale biologging with stable isotope biogeochemistry to assess the temporal stability of alternate foraging behaviours in adult female Australian sea lions; Biologging IV Workshop - The use of Visual Media with Data in Biologging, 16/03/2011 - 16/03/2011, Hobart, Presenter(s): Andrew Lowther

Harcourt, R; Monitoring apex predators in the Southern Ocean; 7th Journees Scientifiques du CNFRA, 19/05/2011 - 20/05/2011, Paris, Presenter(s): Rob Harcourt

Gray, C, Taylor, M, Walsh, CT, Reinfelds, I, Smoothey, A, van der Meulen, D, Peddemors, V, Payne, N, Gannon, R, Butler, G, Suthers, I; Acoustic telemetry: Connectivity and fidelity of southeast Australian estuarine and coastal fishes and sharks; 1st International conference on Fish Telemetry, 12/06/2011 - 18/06/2011, Sapporo, Presenter(s): Charles Gray

Payne, N, Gillanders, B, Semmens, J, Taylor, M; Accelerometry - An alternative to examining the frequency of acoustic detections; 1st International conference on Fish Telemetry, 12/06/2011 - 18/06/2011, Sapporo, Presenter(s): Nicholas Payne

Semmens, J; Beyond presence/absence: Estimating field metabolic rates and swimming speeds with acoustic arrays; Ocean Tracking Network (OTN) Conference, 12/06/2011 - 18/06/2011, Halifax, Presenter(s): Jayson Semmens

Semmens, J, Payne, N, Webber, D, Bruce, B, Kock, A, Huveneers, C; Accelerometry estimates field metabolic rate in white sharks (*Carcharodon carcharias*) at pinniped colonies in South Australia; 1st International conference on Fish Telemetry, 12/06/2011 - 18/06/2011, Sapporo, Presenter(s): Jayson Semmens

van der Meulen, D, Walsh, CT, Gray, C, Taylor, M; Investigating fine-scale spawning habitat and reproductive dynamics of estuarine-dependent fishes; 1st International conference on Fish Telemetry, 12/06/2011 - 18/06/2011, Sapporo, Presenter(s): Dylan van der Meulen

Field, IC, Harcourt, R, Hindell, MA, Bestley, S, Lea, MA, Goldsworthy, S, Page, B, Williams, G, Boomer, A; The Australian Animal Tagging and Monitoring System (AATAMS): moving towards an integrated approach for ocean observing; 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): Iain Field

Babcock, R, Patterson, T, Bravington, M, Pillans, R; Including habitats in estimates of utilization distributions for reef fish; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

Cerutti-Pereyra, F, Meekan, MG, Austin, C, Stevens, JD, Bradshaw, CJA; Nurseries and movement patterns of juvenile stingrays at Ningaloo Reef WA; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Mark Meekan

Harcourt, R, et, al.; The Australian Animal Tagging and Monitoring System (AATAMS); Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Rob Harcourt

Heupel, M, Knip, D, Chin, A, White, J, Udyawer, V, Mapleston, A, Simpfendorfer, C; Response of inshore predators to extreme weather events: Implications of a changing climate; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle

McGregor, F, Meekan, MG; Manta ray (*Manta alfredi*) visitation to Ningaloo Reef, WA - the importance of residence!; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Frazer McGregor

Speed, CW, Meekan, MG, Field, IC, McMahon, C, Abrantes, K, Bradshaw, CJA; The trophic ecology of four co-occurring species of reef sharks determined through stable isotope analysis and telemetry; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Conrad Speed

Speed, CW; The trophic ecology of reef sharks using stable isotopes and telemetry; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Conrad Speed

Vianna, G, Meekan, MG, Pannell, D, Marsh, S, Meeuwig, J; Socio-economic and community benefits from shark diving tourism in Palau: a sustainable use of reef shark populations; Australian Marine Science Association Conference, 03/07/2011 - 07/07/2011, Fremantle, Presenter(s): Gabriel Vianna

Heupel, M, Simpfendorfer, C, Knip, D, Chin, A, White, J; Spatial ecology of nearshore elasmobranchs; Australian Society for Fish Biology, 22/07/2011 - 24/07/2011, Townsville

White, J, Heupel, M, Simpfendorfer, C, Tobin, A; Residency and activity patterns of shark-like batoids in Cleveland Bay, Queensland; Australian Society for Fish Biology, 22/07/2011 - 24/07/2011, Townsville

Lowther, A; Buying local: fine-scale population structure of adult female Australian sea lions influenced by fine-scale foraging habitat fidelity; 19th Biennial Society of Marine Mammalogy Conference, 27/11/2011 - 03/12/2011, Tampa, Presenter(s): Andrew Lowther

Babcock, R, Patterson, T, Pillans, R; Including habitats in estimates of utilization distributions for acoustically tagged reef fish; Ocean Sciences Meeting, 20/02/2012 - 24/02/2012, Salt Lake City

Hindell, MA, et, al.; Three dimensional habitat structure in southern elephant seals; International Polar Year Conference (IPY), 22/04/2012 - 27/04/2012, Montreal, Presenter(s): Mark Hindell

Raymond, B, Patterson, T, Andrews-Goff, V, Lea, MA, Hindell, MA; Integration and synthesis of Antarctic predator tracking data; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Ben Raymond

Chin, A; Where do reef sharks go when they're not on reefs; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns, Presenter(s): Andrew Chin

Heupel, M; Coral reefs: apex predator paradise or mesopredator nirvana?; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns, Presenter(s): Michelle Heupel

Simpfendorfer, C; The role of non-resident sharks in shaping coral reef communities; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns, Presenter(s): Colin Simpfendorfer

Speed, CW; Marine parks for reef sharks: shark movements at Ningaloo Reef; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns, Presenter(s): Conrad Speed

Hindell, MA, et, al.; Three dimensional habitat structure in southern elephant seals; 32nd SCAR Open Science Conference, 13/07/2012 - 25/07/2012, Portland, Presenter(s): Mark Hindell

Braccini, M, McCauley, R, Moran, M; On movement of Western Australian sharks; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): J. Matias Braccini

Bradford, RW, Bruce, B; Tracking broad-scale movements of a top-order predator using coastal sensor arrays and satellite telemetry; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Russell Bradford

Bruce, B, Bradford, RW; The effects of shark cage diving on the localised and broad-scale movements of white sharks in Australian waters; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide

Bryars, S, Rogers, P, Miller, D; Protecting the Harlequin Fish (*Othos dentex*) within South Australia's new system of marine protected areas: Acoustic tracking to determine site fidelity and movement patterns; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Simon Bryars

Couturier, L, Marshall, AD, Jaine, F, Kashiwagi, T, Pierce, SJ, Townsend, K, Weeks, S, Bennett, M; Status of knowledge on the Mobulidae and conservation issues; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Lydie Couturier

Lee, K, Huvneers, C, Harcourt, R; Is small adequate? Assessing the movement of eastern blue groper to determine the adequacy of protection in a small marine reserve; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide

Mills, K; House of home? How snapper (*Chrysophrys auratus*) utilise artificial and natural reefs in Port Phillip Bay; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Kade Mills

Simpfendorfer, C, Heupel, M; Beyond the "shiny new hammer": data analysis tools to make the most of acoustic monitoring studies; ASFB and OCS - Australian Society for Fish Biology and Oceania Chondrichthyan Society, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Colin Simpfendorfer

Huvneers, 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 Huvneers

Harcourt, R; Biologging approaches and answers; AATAMS Biologging Workshop, 27/12/2012 - 29/12/2012, Sydney Institute for Marine Science, Sydney, Presenter(s): Rob Harcourt

Cadiou, G, Booth, D, Gray, C, Taylor, M; Drivers of temporal and spatial movements patterns in luderick *Girella tricuspidata* in NSW, Australia; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Gwenael Cadiou

Espinoza, M, Heupel, M, Simpfendorfer, C; Predicting MPA utilization for reef-associated sharks: an individual-based simulation approach; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Mario Espinoza

Heupel, M, Simpfendorfer, C; Importance of environmental and biological drivers in the presence and space use of a reef-associated shark; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Michelle Heupel

Marzullo, T; Accelerometry estimates in a free-living benthic elasmobranch, the Common Stingaree (*Trygonoptera testacea*); 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Tegan Marzullo

Marzullo, T, Payne, N, Suthers, I, Knott, N, Taylor, M; Driving factors behind stingaree activity; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Tegan Marzullo

Payne, N, Taylor, M, Watanabe, Y, Semmens, J; From physiology to physics: the strength of biotelemetry is its flexibility; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Nicholas Payne

Simpfendorfer, C, Espinoza, M, Heupel, M, Tobin, A; The role of non-resident sharks in shaping coral reef communities; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Colin Simpfendorfer

Taylor, M, McPhan, L, Gray, C, van der Meulen, D, Payne, N; Interactive drivers of activity in a free-ranging estuarine predator; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Matt Taylor

Vianna, G, Meekan, MG, Meeuwig, J, Speed, CW; Vertical movement and site fidelity of grey reef sharks (*Carcharhinus amblyrhynchos*) at aggregation sites on a coral reef; 9th Indo-Pacific Fish Conference, 24/06/2013 - 28/06/2013, Okinawa, Presenter(s): Gabriel Vianna

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

Yates, P, Heupel, M, Tobin, A, Simpfendorfer, C; Diversity in shark assemblages and nursery areas along a tropical coastline; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): P Yates

Zeh, D, Marsh, S, Hamman, M, Heupel, M; Using data-logging acoustic receivers to study dugong movements in coastal environments: a comparison with satellite tracking; Australian Marine Science Association Conference, 07/07/2013 - 11/07/2013, Gold Coast, Presenter(s): Daniel Zeh

Brodie, S, Payne, N, Everett, JD, Taylor, M, Suthers, I; Using tri-axial accelerometers to study the energetics, behaviour and biomechanics of yellowtail kingfish, *Seriola lalandi*; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Stephanie Brodie

Currey, L, Heupel, M, Simpfendorfer, C; Stay or stray: examination of reef-based movement of redthroat emperor; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Leanne Currey

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

Semmens, J; Examining Chondrichthyan activity patterns within an estuary; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Jayson Semmens

Simpfendorfer, C, Heim, A, Heupel, M; Measures of activity space in acoustic monitoring studies; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Colin Simpfendorfer

Stocks, J, Gray, C, Taylor, M; Movements, home range and habitat associations of a temperate shallow reef species, *Girella elevata*; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Jerom Stocks

Heupel, M, Simpfendorfer, C; Long-term movement patterns of grey reef sharks in the Southern Great Barrier Reef; Oceania Chondichthyan Society Conference, 19/09/2013 - 20/09/2013, Brisbane, Presenter(s): Michelle Heupel

Bowden, D; Using acoustic telemetry to identify unknown unknowns ; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Deb Bowden

Heupel, M; Importance of multiple data streams in examination of marine predator movement patterns; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Michelle Heupel

Zeh, D, Hanna, M, Heupel, M, Limpus, C, Babcock, R, Pillans, R, Marsh, H; Using data-logging acoustic receivers to study dugong movements in coastal environments: a comparison with satellite tracking; 20th Biennial Conference on the Biology of Marine Mammals, 06/12/2013 - 13/12/2013, Dunedin, Presenter(s): Daniel Zeh

De Faria, F, Simpfendorfer, C, Heupel, M; Movement and residency of tiger sharks *Galeocerdo cuvier* in the Great Barrier Reef, Australia; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Fernanda De Faria

Espinoza, M, Heupel, M, Tobin, A, Simpfendorfer, C; Contrasting movements and patterns of habitat use in reef-associated sharks: implications for management and conservation; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Mario Espinoza

Francis, M, Duffy, C, Lyon, W; White shark (*Carcharodon carcharias*) spatial and temporal use of an aggregation site in southern New Zealand; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Malcolm Francis

Heupel, M, Simpfendorfer, C; Long-term movement patterns of grey reef sharks in the Southern Great Barrier Reef; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Michelle Heupel

Keller, K; Reef residency and behaviour of two Australian elasmobranchs; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Krystle Keller

Meekan, MG, Fuiman, L, Davis, R, Berger, Y, Thums, M; Why do whale sharks get so big? Ecological drivers of the evolution of body size in the world's largest fish; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Mark Meekan

Munroe, S, Moloney, J, Heupel, M; Coastal habitat use of an abundant mesopredator revealed through telemetry and stable isotope analysis; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Samantha Munroe

Oh, B, Meeuwig, J, Thums, M, Meekan, MG; Quantifying the distribution of elasmobranchs across tropical Australian waters; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Beverly Oh

Brodie, S, Hobday, A, Smith, JA, Everett, JD, Taylor, M, Gray, C, Suthers, I; The oceanographic habitats of two migratory pelagic fish: dolphinfish (mahi mahi) and yellowtail kingfish ; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Stephanie Brodie

Currey, L, Heupel, M, Simpfendorfer, C; A mobile predator? Variable space and depth use patterns of an exploited coral reef fish; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Leanne Currey

Keller, K; Reef residency and behaviour of two endemic elasmobranchs; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Krystle Keller

Ledee, E, Tobin, A, Heupel, M, Simpfendorfer, C; Movement pattern and habitat use of giant trevally *Caranx ignobilis* in offshore reef habitats; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Elodie Ledee

Marzullo, T; Divergent thermal performance in wild, co-habiting stingrays; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Tegan Marzullo

Matley, J, Simpfendorfer, C, Heupel, M; Depth and space use of coral trout (*Plectropomus leopardus*) using passive acoustic tracking; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Jordan Matley

Taylor, M, van der Meulen, D, Walsh, CT, Reinfelds, I, Ives, M, Gray, C; Shock, stress or signal? Implications of freshwater flows for a top-level estuarine predator; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Matt Taylor

Cadiou, G, Booth, D, Taylor, M, Payne, N; Multi-scale movement patterns and field metabolic rates in luderick *Girella tricuspidata* using acoustic accelerometers; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Gwenael Cadiou

Meekan, MG; Why do whale sharks get so big? Ecological drivers of the evolution of body size in the world's largest fish; Australian Marine Science Association Conference, 07/07/2014 - 11/07/2014, Canberra, Presenter(s): Mark Meekan

Francis, M, Duffy, C, Lyon, W; White shark (*Carcharodon carcharias*) aggregations at Stewart Island - spatial and temporal habitat use; New Zealand Marine Sciences Society Conference, 11/08/2014 - 14/08/2014, Nelson, Presenter(s): Malcolm Francis

McMahon, C; Biologging acrobatics: balancing the need for research and animal welfare in a vibrant research environment; 5th International Bio-Logging Science Symposium, 22/09/2014 - 26/09/2014, Strasbourg, Presenter(s): Clive McMahon

Bailleul, F, Goldsworthy, S, van Ruth, P, Harcourt, R, McMahon, C; Assessing the smallest by one of the biggest: Australian sea lions as investigators of primary production in the Great Australian Bight; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Fred Bailleul

McMahon, C; IMOS: Seals are changing the way we monitor the Southern Ocean; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Clive McMahon

Reinke, J, Meynecke, J, Lemkert, C; Coastal fronts and upwelling areas utilised by migrating humpback whales, *Megaptera novaeangliae*; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Joshua Reinke

Sequeira, A, Rodriguez, J, et, al.; Comparative analysis of movement patterns of marine vertebrates; Australian Marine Science Association Conference, 05/07/2015 - 09/07/2015, Geelong, Presenter(s): Ana Sequeira



Hoenner, X, Steckenreuter, A, Simpfendorfer, C, Peddemors, V, Burgess, J, Tattersall, K, Harcourt, R; Australia's national database for acoustic monitoring of marine species; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Xavier Hoenner

Matley, J, Simpfendorfer, C, Tobin, A, Heupel, M; Niche partitioning of sympatric reef fish using passive acoustic telemetry; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Jordan Matley

Simpfendorfer, C, Huveneers, C, Steckenreuter, A, Tattersall, K, Hoenner, X, Harcourt, R, Heupel, M; Ghosts in the data: false detections in acoustic telemetry monitoring; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Colin Simpfendorfer

Taylor, M, Becker, A, Payne, N, Lowry, M; Feels like home: Movement and homing behaviour of mature fish translocated from a power-station canal; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Matt Taylor

van der Meulen, D, Payne, N, Gray, C, Walsh, CT, Reinfelds, I, Suthers, I, Taylor, M; Temperature-mediated spawning migrations of an estuarine-dependent sillaginid; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Dylan van der Meulen

Reinke, J, Meynecke, J, Lemkert, C; Coastal fronts and upwelling areas utilised by migrating humpback whales, *Megaptera novaeangliae*; Australian Meteorological & Oceanographic Society (AMOS) Conference, 15/07/2015 - 17/07/2015, Brisbane, Presenter(s): Joshua Reinke

Adams, K, Fetterplace, L, Taylor, M, Davis, A, Knott, N; Fiddler on the Reef- Movement and Abundance of the Eastern Fiddler Ray; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Kye Adams

Cadiou, G, Booth, D, Taylor, M; Drivers of temporal and spatial movements patterns in *Girella tricuspidata*; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Gwenael Cadiou

Fetterplace, L, Adams, K, Taylor, M, Davis, A, Knott, N; Are soft sediment fishes always highly mobile? An assessment of the movement patterns of the bluespotted flathead; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Lachlan Fetterplace

Fowler, A, Lloyd, M, Huveneers, C; Acoustic telemetry informs about movement behaviour of snapper in Northern Gulf St. Vincent - thoughts for spatial management ; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Anthony Fowler

Gannon, R, Suthers, I, Gray, C, Payne, N, Taylor, M; Effect of environmental variables on the movements of dusky flathead; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Ruan Gannon

Hoenner, X, Proctor, R, Mancini, S, Tattersall, K, Burgess, J, Steckenreuter, A, Simpfendorfer, C, Peddemors, V, Harcourt, R; The Australian national database for acoustic monitoring of marine species; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Xavier Hoenner

Knott, N, Ferguson, A, Fetterplace, L, Marzullo, T, Bass, N, Brown, CJ, Suthers, I, Harvey, ES, Davis, A, Taylor, M; Movement of fishes among reefs and over soft sediments within a temperate embayment: the necessity and implication of movement data for spatial management; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Nathan Knott

Marzullo, T, Taylor, M, Payne, N, Suthers, I; Shedding light on the spatial ecology of the estuary stingray, *Dasyatis fluviorum*; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Tegan Marzullo

Steckenreuter, A, Peddemors, V, Simpfendorfer, C, Hoenner, X, Tattersall, K, Babcock, R, Huveneers, C, Heupel, M, Meekan, MG, Harcourt, R; Optimising the integrity of a national network of acoustic telemetry research infrastructure in Australia ; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Andre Steckenreuter



van der Meulen, D, Payne, N, Gray, C, Walsh, CT, Reinfelds, I, Suthers, I, Taylor, M; Temperature-mediated spawning migrations of an estuarine-dependent sillaginid; Australian Society for Fish Biology Conference, 11/10/2015 - 14/10/2015, Sydney, Presenter(s): Dylan van der Meulen

Zhang, X, Eguiluz, V; Human Mobility; Enrichment in the Fall - Marine Megafauna Movement: exploring new technologies for a better understanding of animal movement across the ocean, 16/10/2015 - 24/10/2015, King Abdul University of Science and Technology, Jeddah, Presenter(s): Xueban Zhang

Knott, N, Ferguson, A, Fetterplace, L, Marzullo, T, Bass, N, Brown, CJ, Suthers, I, Harvey, ES, Davis, A, Taylor, M; Movement of fishes among reefs and over soft sediments within a temperate embayment: the necessity and implication of movement data for spatial management; Ecological Society of Australia Conference, 29/11/2015 - 03/12/2015, Adelaide, Presenter(s): Nathan Knott

Bailleul, F, Goldsworthy, S, Mackay, A, Rogers, P, Page, B, Baylis, A, Mckenzie, J, Jonsen, I, Hindell, MA; The places to be in the Great Australian Bight: areas of ecological significance for multiple iconic species; 21st Biennial Conference on the Biology of Marine Mammals, 13/12/2015 - 18/12/2015, San Fransisco, Presenter(s): Fred Bailleul

Harcourt, R, McMahon, C, Jonsen, I, Goldsworthy, S, Hindell, MA, Thums, M; IMOS: How seals are changing the way we monitor the Southern Ocean; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Rob Harcourt

Harcourt, R, Mustafid, H; The 3rd international animal telemetry data standardization meeting; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Rob Harcourt

Jonsen, I; Hierarchical state-space models improve estimation of behavioural states from animal movement data; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Iain Jonsen

Labrousse, S; Under the sea ice: exploration of the relationships between sea ice patterns and foraging movements of a marine predator in East Antarctica; Ocean Sciences Meeting, 21/02/2016 - 26/02/2016, New Orleans, Presenter(s): Sarah Labrousse

Harcourt, R; IMOS Animal Tracking in Australia: what has been achieved and what of the future; Ocean Tracking Network Conference, 31/05/2016 - 03/06/2016, Halifax, Presenter(s): Rob Harcourt

Espinoza, M; Resource partitioning and trophic relationships of large predatory fishes in a coral reef ecosystem; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Mario Espinoza

Heupel, M; Drivers in reef shark movement: what's most important? ; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Michelle Heupel

Matley, J; Using complimentary sampling methods to address similar questions: resource and habitat use of sympatric coral trout; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Jordan Matley

Schlaff, A; The effects of environmental factors on blacktip reef sharks, *Carcharhinus melanopterus*, on an inshore reef; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Audrey Schlaff

Scott, M; Effects of temperature on in situ behaviour and activity of coral trout, *Plectropomus leopardus* on the Great Barrier Reef, Australia; 13th International Coral Reef Symposium (ICRS), 19/06/2016 - 24/06/2016, Hawaii, Presenter(s): Molly Scott

Heupel, M; Drivers of reef shark movement: what's most important?; American Elasmobranch Society Conference, 06/07/2016 - 10/07/2016, New Orleans, Presenter(s): Michelle Heupel

Heupel, M; A moving target: marine protected area conservation of reef sharks; 4th International Marine Conservation Congress, 30/07/2016 - 03/08/2016, St. John's, Presenter(s): Michelle Heupel

McMahon, C, Harcourt, R; IMOS: Southern Ocean Observations in real time for the global research community; Australian Society for Fish Biology (ASFB) and Oceania Chondrichthyan Society (OCS) 2016, 04/09/2016 - 07/09/2016, Hobart, Presenter(s): Clive McMahon

Roquet, F, Boehme, L, Bester, M, Brasseur, S, Charrassin, J-B, Costa, D, Fedak, M, Guinet, C, Hall, A, Harcourt, R, Hindell, MA, Kovacs, K, Lydersen, C, McMahon, C, Picard, B, Reverdin, G, Vincent, C; When diving animals help us to observe the oceans: the MEOP data portal; International Conference on Marine Data and Information Systems (IMDIS), 11/10/2016 - 13/10/2016, Gdansk, Presenter(s): Fabian Roquet

Adams, K; The soft sediment impediment: can marine reserves protect elasmobranch species in sandy habitats? ; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Kye Adams

Armstrong, A; Cleaning station visitation and habitat use of Manta alfredi on the east coast of Australia; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Amelia Armstrong

Babcock, R; Long distance seasonal spawning migrations of Lethrinus nebulosus at Ningaloo Reef; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Russ Babcock

Bierwagen, S; Niche partitioning and space use of reef predators in the Central Great Barrier Reef; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Stacy Bierwagen

Braccini, M; Acoustic monitoring reveals the broad-scale movements of commercially important sharks; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): J. Matias Braccini

Dudgeon, C; Applications of telemetry to studying fish populations: common and not-so-common approaches; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Chris Dudgeon

Harcourt, R, Jaine, F, McDowall, P, Van Den Broek, J; IMOS Animal Tracking Facility: 10 years on and going strong; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Rob Harcourt

Hoenner, X; Australia's continental scale acoustic tracking database and its automated quality control process; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Xavier Hoenner

Knott, N; Are open coastal sediment fishes always highly mobile? An assessment of the movement patterns of the bluespotted flathead; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Nathan Knott

Patterson, T, et, al.; Estimating juvenile white shark mortality from a continental scale array; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Toby Patterson

Pillans, R; Residency, habitat use and repeated long distance movements of adult sicklefin lemon sharks at Ningaloo Reef Australia; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): R Pillans

Scott, M; The effects of temperature on activity and habitat use of coral trout, Plectropomus leopardus, on the Great Barrier Reef; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Molly Scott

Semmens, J; Response of Atlantic salmon, Salmo salar, to temperature and dissolved oxygen extremes established using animal-borne environmental stressors; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Jayson Semmens

Taylor, M; Acoustic telemetry, fish movements, and contamination in Sydney Harbour; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Matt Taylor

Walsh, P; Implementing a governance model for sharing global animal tracking data; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Peter Walsh

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

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

Harcourt, R; IMOS Animal Tracking, 10 years of age and going strong; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Rob Harcourt

Heupel, M; Exploring national-scale fish movements through the IMOS Animal Tracking Facility; Australian Marine Science Association Conference, 02/07/2017 - 06/07/2017, Darwin, Presenter(s): Michelle Heupel

Heerah, K, Hindell, MA, Andrews-Goff, V, Field, IC, McMahon, C, Charrassin, J-B; Contrasting behaviour between two populations of an ice-obligate predator in East-Antarctica; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): Karine Heerah

Huckstadt, L, Holser, RR, Tift, MS, Charrassin, J-B, Fedak, M, Guinet, C, Hindell, MA, McMahon, C, Costa, D; Estimating pregnancy rates from diving behavior: A comparison across the range of Southern elephant seals; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): Luis Huckstadt

Jonsen, I, Bestley, S, Harcourt, R, Hindell, MA, McMahon, C, Mills Flemming, J, Wotherspoon, S; Fast inference of behaviour underlying animal movement and habitat use; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): Iain Jonsen

Labrousse, S, Tamura, T, Fraser, AD, Bestley, S, Sallee, J-B, Sumner, MD, Williams, G, Roquet, F, Guinet, C, Harcourt, R, McMahon, C, Bailleul, F, Hindell, MA, Charrassin, J-B; Coastal polynyas: A top predator winter oasis in East Antarctica; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): Sarah Labrousse

McMahon, C, Harcourt, R, Hindell, MA; Elephant seal mothers expend more on their offspring when conditions are favourable and less when they are poor; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): Clive McMahon

O'Toole, M, Cotte, C, Hindell, MA, Guinet, C, Weimerskirch, H, d'Ovidio, F; Physical features of multi-species habitat in the face of climate change; XII SCAR Biology Symposium, 10/07/2017 - 14/07/2017, Leuven, Presenter(s): M O'Toole

Bruce, B; Broad-scale movements of white sharks in eastern Australia from acoustic and satellite telemetry; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Bary Bruce

Kadar, J; Accelerometry reveals diel activity patterns in Port Jackson sharks, *Heterodontus portusjacksoni*; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Julianna Kadar

Keller, K; Multispecies presence and connectivity around a designed artificial reef off coastal Sydney; Australian Society for Fish Biology (ASFB) Conference, 22/07/2017 - 24/07/2017, Albany, Presenter(s): Krystle Keller

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

Bestley, S, Jonsen, I, Langrock, R, Michelot, T, Photopoulou, T, Thygesen, U, Patterson, T; Animal movement and prediction: modelling animal behaviour in a changing climate ; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): Sophie Bestley

Boehme, L, Block, BA, Charrassin, J-B, Costa, D, Guinet, C, Harcourt, R, Hindell, MA, Huckstadt, L, McMahon, C, Woodward, B, Fedak, M; Ocean observations using tagged animals; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): Lars Boehme

Harcourt, R, McMahon, C, Jonsen, I, Hindell, MA, Goldsworthy, S, Bailleul, F, Roquet, F, Williams, G, Labrousse, S, Bestley, S, Guinet, C; Australia's Integrated Marine Observing System Animal Tracking Facility seals as oceanographer's program comes of age ; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): Rob Harcourt

Hindell, MA, Ropert-Coudert, Y, Jonsen, I, Raymond, B, Reisinger, R, Bornemann, H, Charrassin, J-B, et, al.; The SCAR Retrospective Analysis of Antarctic Tracking Data ; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): Mark Hindell

Jonsen, I, Bestley, S, Harcourt, R, Hindell, MA, McMahon, C, Mills Flemming, J, Wotherspoon, S; Fast inference of behaviour underlying animal movement and habitat use; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): Iain Jonsen

McMahon, C, Bestley, S, Guinet, C, Harcourt, R, Jonsen, I, Trebilco, R, Roquet, F, Hindell, MA; A decade of tracking seals reveals meso-pelagic prey will be harder to find in a warming Southern Ocean; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): Clive McMahon

Pauthenet, E, Roquet, F, Madec, G, Guinet, C, Hindell, MA, McMahon, C, Harcourt, R; Instrumented seals help refining the frontal mapping of the Southern Indian Ocean ; The 6th International Bio-Logging Science Symposium, 25/09/2017 - 29/09/2017, Lake Constance, Presenter(s): E Pauthenet

Jonsen, I, Bestley, S, Hindell, MA, McMahon, C, Mills Flemming, J, Wotherspoon, S; Fast inference of behaviour underlying animal movement and habitat use. A Marine Mammal Odyssey, Eh!; Society for Marine Mammalogy Conference, 23/10/2017 - 27/10/2017, Halifax, Presenter(s): Iain Jonsen

Labrousse, S, Jenouvrier, S, Barbraud, C, Williams, G, et, al.; Coastal polynyas: Winter oases for top predators in East Antarctica; Ocean Sciences Meeting, 11/02/2018 - 16/02/2018, Portland, Presenter(s): Sarah Labrousse

Babcock, R; Toward building a stronger acoustic telemetry network in SE QLD; Southeast Queensland Aquatic Telemetry Workshop, 19/02/2018 - 20/02/2018, North Stradbroke Island, Presenter(s): Russ Babcock

Pauthenet, E, Roquet, F, Guinet, C, Hindell, MA, McMahon, C, Harcourt, R; Instrumented seals help refining the Polar Front mapping in the Southern Indian Ocean; European Geosciences Union (EGU) General Assembly 2018, 08/04/2018 - 13/04/2018, Vienna, Presenter(s): E Pauthenet

Hodgson-Johnston, I, Moltmann, T, Lara-Lopez, A; Australia's Integrated Marine Observing System – perspectives on ecosystem assessment; Marine Ecosystem Assessment for the Southern Ocean (MEASO2018), 09/04/2018 - 13/04/2018, Hobart, Presenter(s): Indi Hodgson-Johnston

van Ruth, P, Patten, N, Doubell, M, Redondo-Rodriguez, A, Middleton, J; Seasonal and event-scale variations in the influence of upwelling on enrichment and primary productivity in the eastern Great Australian Bight; National Mooring Network; Australian Marine Sciences Association Conference, 01/07/2018 - 05/07/2018, Adelaide, Presenter(s): Paul van Ruth

Lowther, A; The conservation dilemma: Integrating ecological and molecular data to determine appropriate management units for the Australian sea lion *Neophoca cinerea*; Royal Society of South Australia, University of Adelaide, Adelaide, Presenter(s): Andrew Lowther

Matley, J, Simpfendorfer, C, Tobin, M, Fisk, AT, Heupel, M; Niche partitioning of sympatric coral trout determined by stable isotopes and acoustic telemetry; College of Marine and Environmental Sciences Conference, James Cook University, Townsville, Presenter(s): Jordan Matley

## Conference Poster

Harcourt, R, Suthers, I, Huvaneers, C, Semmens, J; Australian Acoustic Tracking and Monitoring System (AATAMS); 7th Conference on Fish Telemetry, 17/06/2007 - 21/06/2007, Silkeborg

Harcourt, R, Suthers, I, Huvaneers, C, Semmens, J; Australian Acoustic Tracking and Monitoring System (AATAMS); Ocean Tracking Network Workshop for South Africa, 16/07/2007 - 17/07/2007, Cape Town

Townsend, K, Couturier, L, Bennett, M, Weeks, S; Oceanic conditions, chlorophyll-a and zooplankton: exploring the reasons for seasonal migrations of manta rays in Southern Queensland Waters; Oceania Chondrichthyan Society Conference, 22/09/2008 - 24/09/2008, Sydney, Presenter(s): Kathy Townsend

Boomer, A, Huvaneers, C, Semmens, J, Harcourt, R; The Australian Acoustic Tagging and Monitoring System (AATAMS): creating a network of acoustic receivers for the community. ; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Bruce, B, Bradford, RW; The potential for aerial surveys of juvenile white sharks in eastern Australia; International White Shark Symposium, 07/02/2010 - 10/02/2010, Honolulu

White, J, Heupel, M, Simpfendorfer, C, Tobin, A; Assessing the susceptibility of *Glaucostegus typus*, *Rhynchobatus australiae* and *Anoxypristis cuspidata* to commercial fishing activity; Sharks International, 06/06/2010 - 11/06/2010, Cairns

Brodie, S, Taylor, M, Smith, JA, Gray, C, Suthers, I, Payne, N; Estimating the consumption rate of a marine predator using field-derived activity measurements ; Society of Experimental Biology Conference , 30/06/2010 - 03/07/2010, Prague, Presenter(s): Stephanie Brodie

Boomer, A, Huveneers, C, Goldsworthy, S, Hindell, MA, Semmens, J, Tattersall, K, Field, IC, Harcourt, R; Australian Animal Tagging and Monitoring System (AATAMS): higher predators providing sustained observations of the marine environment; Australian Marine Science Association Conference, 05/07/2010 - 08/07/2010, Woolongong

Cleeland, J, Hindell, MA, Lea, MA; The 'honeymoon' flights of the shot-tailed shearwater (*Puffinus tenuirostris*); Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Jaimie Cleeland

Couturier, L, Bennett, M, Townsend, K, Richardson, A, Weeks, S; Residency, site fidelity and habitat use of the manta ray, *Manta alfredi*, at Lady Elliot Island, Australia: Application of mixed effects models on acoustic telemetry data; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Lydie Couturier

Jaine, F, Couturier, L, Bennett, M, Townsend, K, Richardson, A, Weeks, S; Going with the flow: Horizontal movements of the plankton-feeding manta ray *Manta alfredi* and links to dynamics and productivity of the East Australian Current; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Fabrice Jaine

Jaine, F, Weeks, S, Townsend, K, Richardson, A, Bennett, M; Movements of the plankton-feeding manta ray *Manta alfredi* and dynamics of the East Australian current ; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Fabrice Jaine

Udyawer, V, Knip, D, White, J, Heupel, M, Simpfendorfer, C; Evacuation of a coastal bay: movement patterns of elasmobranch in response to Tropical Cyclones Anthony and Yasi; Australian Society for Fish Biology, 22/07/2011 - 24/07/2011, Townsville

White, J, Heupel, M, Simpfendorfer, C, Tobin, A; Assessing the susceptibility of *Glaucostegus typus*, *Rhynchobatus australiae* and *Anoxypristis cuspidata* to commercial fishing activity; Australian Society for Fish Biology, 22/07/2011 - 24/07/2011, Townsville

Lee, K, Harcourt, R; Does small work? Assessing the movement of eastern blue groper in relation to a small marine reserve; Faculty of Science Conference, 14/09/2011 - 14/09/2011, Macquarie University, Sydney, Presenter(s): Kate Lee

Ledee, E, Simpfendorfer, C, Heupel, M, Tobin, A; The utility of network analysis in studying aquatic animal movements: an example from two nearshore shark species; 33rd International Ethological Conference, 04/08/2013 - 08/08/2013, Newcastlehead, Presenter(s): Elodie Ledee

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

Braccini, M, McCauley, R; Going spatial: movement information and population dynamics of commercially-fished Western Australian sharks; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): J. Matias Braccini

Currey, L, Heupel, M, Simpfendorfer, C, Williams, A; Environmental drivers for movement of an exploited coral reef fish; Australian Society for Fish Biology & ASL Joint Congress, 30/06/2014 - 04/07/2014, Darwin, Presenter(s): Leanne Currey

Currey, L, Heupel, M, Simpfendorfer, C, Williams, A; Environmental drivers for movement of an exploited coral reef fish; AIMS@JCU Seminar Day, 08/08/2014 - 08/08/2014, Townsville, Presenter(s): Leanne Currey



Currey, L, Heupel, M, Simpfendorfer, C, Williams, A; A mobile predator? Variable space and depth use patterns of an exploited coral reef fish; 5th International Bio-Logging Science Symposium, 22/09/2014 - 26/09/2014, Strasbourg, Presenter(s): Leanne Currey

Currey, L, Heupel, M, Simpfendorfer, C, Williams, A; Environmental drivers of depth use by an exploited reef fish; 5th International Bio-Logging Science Symposium, 22/09/2014 - 26/09/2014, Strasbourg, Presenter(s): Leanne Currey

Currey, L, Heupel, M, Simpfendorfer, C, Williams, A; Environmental drivers for movement of an exploited coral reef fish; North Queensland Festival of Life Sciences, 04/11/2014 - 04/11/2014, James Cook University, Townsville, Presenter(s): Leanne Currey

Hoenner, X; A billion oceanographic measurements taking advantage of IMOS data; 3rd International Conference on Fish Telemetry (ICFT) / 5th Annual OTN Canada Symposium , 13/07/2015 - 17/07/2015, Halifax, Presenter(s): Xavier Hoenner

Hoenner, X; A billion oceanographic measurements taking advantage of IMOS data; eResearch Australasia, 19/10/2015 - 23/10/2015, Brisbane, Presenter(s): Peter Blain, Sebastien Mancini

Jaine, F, McDowall, P, Van Den Broek, J, Harcourt, R; IMOS Animal Tracking Facility: 10 years of acoustic telemetry work around Australia; 4th International Conference on Fish Telemetry, 19/06/2017 - 23/06/2017, Cairns, Presenter(s): Fabrice Jaine

Silvano, A, Rintoul, S, Williams, G, Pena-Molino, B; Cross-shelf exchange near the Totten Glacier; Ocean Sciences Meeting, 11/02/2018 - 16/02/2018, Portland, Presenter(s): Alessandro Silvano

### **Course Presentation**

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

Brodie, S; Fish and chips: electronic approaches to understanding the ecology and behaviour of aquatic animals; Topics in Australian Marine Science (TAMS) Workshop, 06/03/2014 - 30/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Stephanie Brodie

### **Key Note Speaker**

Bruce, B; Research on white sharks in Australian waters; Sharks International, 06/06/2010 - 11/06/2010, Cairns, Presenter(s): Bary Bruce

Semmens, J; Where, when, how and why: Using acoustic telemetry to understand marine animal movement, behaviour and physiology; Australian Society for Fish Biology and Oceana Chondrichthyan Society Joint Meeting, 15/07/2012 - 18/07/2012, Adelaide, Presenter(s): Jayson Semmens

Harcourt, R; Dealing with the data: novel approaches from Down-Under; Ocean Tracking Network (OTN) Conference, 03/06/2013 - 05/06/2013, Halifax, Presenter(s): Rob Harcourt

Harcourt, R; OTN and the Australian Animal Tagging and Monitoring System; Ocean Tracking Network (OTN) Conference, 03/06/2013 - 05/06/2013, Halifax, Presenter(s): Rob Harcourt

Harcourt, R; Are animals the new oceanographers; Sea Life Trust Student Award Night, 27/10/2015 - 27/10/2015, Sydney Aquarium, Sydney, Presenter(s): Rob Harcourt

Harcourt, R; IMOS Animal Tracking Network – the whole is greater than the sum of its parts; Marine Megafauna Analytical Program Industry Forum, 14/02/2018 - 14/02/2018, Perth, Presenter(s): Rob Harcourt

### **Meeting Presentation**



Harcourt, R, Huveneers, C; Australian Acoustic Tagging and Monitoring System (AATAMS); NSW-IMOS Node Meeting, 04/06/2007 - 04/06/2007, Sydney Institute for Marine Science, Sydney

Huveneers, C, Harcourt, R, Suthers, I, Semmens, J; The Australian Acoustic Tagging and Monitoring System (AATAMS) – Applications for the investigation of shark movements and residence time; Oceania Chondrichthyan Society Conference, 22/09/2008 - 24/09/2008, Sydney

Harcourt, R; Australian Acoustic Tagging and Monitoring System: AATAMS current status and future plans; NSW-IMOS Node Meeting, 30/04/2009 - 30/04/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Rob Harcourt

Harcourt, R; Australian Acoustic Tagging and Monitoring System: AATAMS progress in IMOS1 & prospects for IMOS 2; ESCII Meeting, 18/06/2009 - 18/06/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Rob Harcourt

Heupel, M, Simpfendorfer, C, Knip, D, Chin, A, White, J; Spatial ecology of nearshore elasmobranchs; Joint Meeting of Ichthyologists and Herpetologists, 07/07/2010 - 12/07/2010, Providence

Knip, D, Heupel, M, Simpfendorfer, C, Maloney, J, Tobin, A; Site fidelity and habitat use of the spot-tail shark (*Carcharhinus sorrah*) in a tropical nearshore environment; Joint Meeting of Ichthyologists and Herpetologists, 07/07/2010 - 12/07/2010, Providence

Harcourt, R; The Australian Animal Tracking and monitoring System: an integral component of the Ocean Tracking Network; Canadian High Commission, 02/08/2012 - 02/08/2012, Canberra, Presenter(s): Rob Harcourt

Heupel, M, Mapleston, A, Simpfendorfer, C; Going over the wall: fate of stocked barramundi; 92nd Meeting of the American Society of Ichthyologists and Herpetologists, Vancouver, Presenter(s): Michelle Heupel

Meekan, MG; Tracking marine megafauna off the northern coast of Western Australia; WAIMOS Annual Science Meeting, 05/11/2012 - 05/11/2012, University of Western Australia, Perth, Presenter(s): Mark Meekan

Harcourt, R; The Australian Animal Tracking and Monitoring System: lessons for OTN?; International Scientific Advisory Committee Meeting, 19/11/2012 - 21/11/2012, Halifax, Presenter(s): Rob Harcourt

Babcock, R; Habitat use of Spangled Emperor in the Ningaloo Marine Park and its implication for zoning and management of the Ningaloo Reef World Heritage Area; Ningaloo Reef World Heritage Committee Meeting, 16/06/2014 - 16/06/2014, Coral Bay, Presenter(s): Russ Babcock

Harcourt, R; White Sharks, Australian Animal Tracking and global links through the Ocean Tracking Network; Shark Mitigation Strategies and Alternatives Briefing, 16/07/2014 - 16/07/2014, Canberra, Presenter(s): Rob Harcourt

Hindell, MA, McMahon, C, Bester, M, Boehme, L, Costa, D, Fedak, M, Guinet, C, Herraiz-Borreguero, L, Harcourt, R, Huckstadt, L, Kovacs, K, Lydersen, C, McIntyre, T, Muelbert, M, Patterson, T, Roquet, F, Williams, G, Charrassin, J-B; Circumpolar habitat use in the southern elephant seal: implications for foraging success and population trajectories; SCAR Open Science Meeting, 23/08/2014 - 27/08/2014, Auckland, Presenter(s): Mark Hindell

McMahon, C, Harcourt, R, Hindell, MA; The Southern Ocean animal-borne sensor program of the Integrated Marine Observing System (AATAMS\*); SCAR Open Science Meeting, 23/08/2014 - 27/08/2014, Auckland, Presenter(s): Clive McMahon

Sequeira, A, Rodriguez, J, et, al.; Comparative analysis of movement patterns of marine vertebrates; Enrichment in the Fall - Marine Megafauna Movement: exploring new technologies for a better understanding of animal movement across the ocean, 16/10/2015 - 24/10/2015, King Abdul University of Science and Technology, Jeddah, Presenter(s): Ana Sequeira

Thums, M, Fernandez-Gracia, J, Sequeira, A, Eguiluz, V, Duarte, CM, Meekan, MG; How big data and complex systems approaches can advance new technologies for a better understanding of animal movement across the ocean; Enrichment in the Fall - Marine Megafauna Movement: exploring new technologies for a better understanding of animal movement across the ocean, 16/10/2015 - 24/10/2015, King Abdul University of Science and Technology, Jeddah, Presenter(s): Michelle Thums

Harcourt, R, McMahon, C, Hoenner, X; Metadata standardization working group; 21st Biennial Conference on the Biology of Marine Mammals, 13/12/2015 - 18/12/2015, San Fransisco, Presenter(s): Rob Harcourt

Lee, K; Preliminary modelling of shark (attacks, netting) and oceanography; NSW IMOS Community Meeting and RAAP Project Update, 08/05/2017 - 08/05/2017, Sydney Institute for Marine Science, Sydney, Presenter(s): Kate Lee

Lara-Lopez, A, Moltmann, T; Strategic Integration of biology into the Observing Systems: Recommendations for implementation; Ocean Observations Research Coordination Network (OceanObs RCN), 11/02/2018 - 11/02/2018, Portland, Presenter(s): Ana Lara-Lopez

Espinoza, M, Heupel, M, Tobin, A, Simpfendorfer, C; Contrasting movements and habitat connectivity in reef-associated sharks: implications for management; National Environmental Research Program Meeting, Cairns, Presenter(s): Mario Espinoza

Heupel, M, Simpfendorfer, C; Telemetry in the tropics; AATAMS Biannual Meeting, Sydney

### **Plenary Address**

Goldsworthy, S, Page, B, Baylis, A, Bool, N, Caines, N, Daly, K, Einoder, L, Hamer, D, Huveneers, C, Lowther, A, McLeay, L, Peters, K, Roberts, P, Rogers, P, Wiebkin, A, Bulman, C, Ward, T; Marine connectivity of high trophic level predators in the eastern Great Australian Bight: linking spatial and temporal use to regional oceanographic features; Australian Marine Science Association Conference, 05/07/2009 - 09/07/2009, Adelaide

Meekan, MG; Running on empty – how the world’s largest fish sustains a planktivorous life style; 85th Annual Australian Coral Reef Society (ACRS) Conference, 10/09/2010 - 12/09/2010, Coffs Harbour, Presenter(s): Mark Meekan

Heupel, M; Trials and triumphs of tracking in coastal systems; International Conference on Fish Telemetry, 15/07/2013 - 19/07/2013, Grahamstown, Presenter(s): Michelle Heupel

Babcock, R; Moreton Bay acoustic tracking array ; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Russ Babcock

Fetterplace, L, Taylor, M, Davis, A, Knott, N; The conservation of soft sediment fishes: the vast unknown; Ecological Society of Australia Conference, 29/11/2015 - 03/12/2015, Adelaide, Presenter(s): Lachlan Fetterplace

### **Symposium Presentation**

Heupel, M; Trends in fish tracking: where are the fish going and how will we follow them?; Advances in Fish Tagging and Marking Technology, 24/02/2008 - 28/02/2008, Auckland, Presenter(s): Michelle Heupel

Speed, CW, Meekan, MG, Field, IC, Bradshaw, CJA; The Ningaloo Reef Ecosystem Tracking Array and reef shark movement patterns; Annual Ningaloo Research Symposium, 28/05/2008 - 29/05/2008, Perth

Speed, CW, Meekan, MG, Field, IC, Huveneers, C, Harcourt, R, McCauley, R, Stevens, JD, Bradshaw, CJA; Monitoring reef shark movement patterns with the Ningaloo Reef ecosystem tracking array; Annual Ningaloo Research Symposium, 28/05/2008 - 29/05/2008, Perth

Huveneers, C, Harcourt, R; The Australian Acoustic Tagging and Monitoring System (AATAMS) - A national network for the investigation of migratory marine species; Biologging Science Symposium III, 01/09/2008 - 05/09/2008, Pacific Grove

Bradford, RW, Hobday, A, Bruce, B; Identifying juvenile white shark behaviour from electronic tag data; International White Shark Symposium, 07/02/2010 - 10/02/2010, Honolulu, Presenter(s): Russell Bradford

Bruce, B; Research and conservation efforts on white sharks in Australian waters - current status and future directions; International White Shark Symposium, 07/02/2010 - 10/02/2010, Honolulu, Presenter(s): Bary Bruce

Meekan, MG; Movement patterns of whale sharks at Ningaloo Reef; WAMSI Show and Tell Symposium, 09/02/2010 - 09/02/2010, Fremantle, Presenter(s): Mark Meekan

Speed, CW; Movement, feeding and behaviour of reef sharks at Ningaloo Reef; WAMSI Show and Tell Symposium, 09/02/2010 - 09/02/2010, Fremantle, Presenter(s): Conrad Speed

Hindell, MA; Foraging habitats of top predators, and areas of ecological significance, on the Kerguelen Plateau; International Science Symposium on the Kerguelen Plateau, 14/04/2010 - 16/04/2010, Concarneau, Presenter(s): Mark Hindell

McGregor, KF; Frazer habitat utilisation and human conflict: a manta ray case study at Ningaloo Reef, Western Australia; Manta Ray Symposium, 01/06/2010 - 07/06/2010, Papeete, Presenter(s): Kenneth McGregor

Hindell, MA; From physics to predators: how Antarctic birds and mammals are influenced by the Southern Ocean; Phillip Law Commemorative Antarctic Science Symposium - Going South, 15/09/2010 - 15/09/2010, Melbourne, Presenter(s): Mark Hindell

Bradford, RW, Bruce, B, Boomer, A, Harcourt, R; The utility of broad-scale coastal sensor arrays in tracking continental scale movements of a top-order predator: Australia's tracking of white sharks; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Russell Bradford

Harcourt, R, Field, IC, Hindell, MA, Lea, MA, Goldsworthy, S, Page, B, Boomer, A; The Australian Animal Tagging and Monitoring System (AATAMS): time for us to grow up and share the data; Biologging Science Symposium IV, 14/03/2011 - 18/03/2011, Commonwealth Scientific Industrial Research Organisation, Hobart, Presenter(s): Rob Harcourt

Meekan, MG; The use of visual media with data in bio-logging; an example in whale sharks; Biologging IV Workshop - The use of Visual Media with Data in Biologging, 16/03/2011 - 16/03/2011, Hobart, Presenter(s): Mark Meekan

Babcock, R, Francis, M; Regional acoustic tagging (Ocean Tracking network). Movements across the Tasman Sea: Australia New Zealand collaboration increasing the intelligence of both countries; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Russ Babcock

Field, IC, Mattlin, R; Biologging through the Australian Animal Tracking and Monitoring System: Monitoring predators to identify key oceanographic features and areas of ecological significance for assessing biological responses to environmental change; The New Zealand-Australia Symposium in Ocean Observing and Data Management, 05/12/2011 - 06/12/2011, Hobart, Presenter(s): Iain Field

Hindell, MA; From physics to predators: how Antarctic birds and mammals are influenced by the Southern Ocean; Centennial Antarctic Symposium, 29/06/2012 - 29/06/2012, Shanghai Ocean University, Shanghai, Presenter(s): Mark Hindell

Hindell, MA, Fedak, M, Bailleul, F, Bester, M, Biuw, M, Boehme, L, Charrassin, J-B, Costa, D, Field, IC, Guinet, C, Huckstadt, L, Muelbert, M, Lydersen, C, McIntyre, T, Ploetz, J, Roquet, F, Williams, G, Kovacs, K; Three dimensional habitat structure in southern elephant seals; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Mark Hindell

Lowther, A, Harcourt, R, Page, B, Goldsworthy, S; "The Knowledge": male Australian sea lions and Hackney Cab Drivers share common attributes when it comes to knowing where to go; AMSA-NZMSS (Australian Marine Sciences Association and New Zealand Marine Science Society) Conference, 01/07/2012 - 07/07/2012, Hobart, Presenter(s): Andrew Lowther

Cadiou, G, Chateau, O, Taylor, M, Booth, D, Wantiez, L; Small scale movements and habitat preferences of *Lutjanus fulviflamma*; 12th International Coral Reef Symposium (ICRS), 09/07/2012 - 13/07/2012, Cairns, Presenter(s): Gwenael Cadiou

Bestley, S, Cox, MJ, Jonsen, I, Gales, N, Nicol, S, Hindell, MA, Harcourt, R; Quantifying links between bio-physical processes, krill and predators; 11th SCAR Biology Symposium, 15/07/2013 - 19/07/2013, Barcelona, Presenter(s): Sophie Bestley

Bowden, D; Locating the missing gestation aggregation site for critically endangered GNS, *Carcharias taurus*; Grey Nurse Shark Symposium, 21/09/2013 - 21/09/2013, Brisbane, Presenter(s): Deb Bowden

Harcourt, R; OTN and AATAMS: 5 years on and going strong; Ocean Tracking Network (OTN) Symposium, 02/06/2014 - 05/06/2014, Ottawa, Presenter(s): Rob Harcourt

Marzullo, T; Divergent thermal performance in wild, co-habiting stingrays; Sharks international, 02/06/2014 - 06/06/2014, Durban, Presenter(s): Tegan Marzullo

Steckenreuter, A, Simpfendorfer, C, Peddemors, V, Hoenner, X, Burgess, J, Tattersall, K, Harcourt, R, Van Den Broek, J, McDowall, P; Australia's national database for acoustic monitoring of marine species - a collaborative approach; Blue Planet Symposium, 27/05/2015 - 29/05/2015, Cairns, Presenter(s): Andre Steckenreuter

Hindell, MA, Sumner, MD, Bestley, S, Wotherspoon, S, Harcourt, R, Lea, MA, Alderman, R, McMahon, C; Decadal changes in the habitats of southern elephant seals influence population trajectories; CLIOTOP 3rd Symposium, 14/09/2015 - 18/09/2015, San Sebastian, Presenter(s): Mark Hindell

Harcourt, R; Data citation: the good, the bad and the ugly; Referencing data in publications: principles, policy and practice, 28/10/2015 - 28/10/2015, Canberra, Presenter(s): Rob Harcourt

Fowler, A, Lloyd, M, Huveneers, C; Acoustic telemetry informs about movement behaviour of snapper in Northern Gulf St. Vincent - thoughts for spatial management ; AMSA South Australian Branch 10th Symposium, 30/10/2015 - 30/10/2015, Flinders University, Adelaide, Presenter(s): Anthony Fowler

Dwyer, R; Using telemetry to formulate conservation plans for migratory species: optimising closure scenarios to reduce bycatch of a critically endangered shark; Society for Conservation Biology Symposium, 04/07/2016 - 10/07/2016, Brisbane, Presenter(s): Ross Dwyer

Harcourt, R; Data sharing and aquatic telemetry: a challenge to maximizing effective conservation outcomes; Society for Conservation Biology Symposium, 04/07/2016 - 10/07/2016, Brisbane, Presenter(s): Rob Harcourt

Steckenreuter, A; A cultural change in sharing acoustic telemetry data and advantages for the meta-analysis of a national database; Society for Conservation Biology Symposium, 04/07/2016 - 10/07/2016, Brisbane, Presenter(s): Andre Steckenreuter

Hindell, MA, Bestley, S, Guinet, C, Harasawa, S, Jonsen, I, Trebilco, R, Roquet, F, McMahon, C; A decade of tracking seals reveals meso-pelagic prey will be harder to find in a warming Southern Ocean; Second Symposium on Kerguelen Plateau Marine Ecosystems and Fisheries, 13/11/2017 - 15/11/2017, Hobart, Presenter(s): Mark Hindell

Espinoza, M, Heupel, M, Tobin, A, Simpfendorfer, C; Contrasting movements and habitat connectivity in reef-associated sharks: implications for management; Marine Science Symposium, San Jose, Presenter(s): Mario Espinoza

## **Workshop Presentation**

Huveneers, C; Australian Acoustic Tracking and Monitoring System (AATAMS); Ocean Tracking Network Data Management Committee Workshop, 06/10/2007 - 07/10/2007, Halifax, Presenter(s): Charlie Huveneers

Harcourt, R, Huveneers, C; The formation of the Australian Acoustic Tagging and Monitoring System (AATAMS): background and aims; Vemco and AATAMS Acoustic Telemetry Workshop, 21/11/2007 - 23/11/2007, Sydney Institute for Marine Science, Sydney

Huveneers, C, Harcourt, R; Australian Acoustic Tagging and Monitoring System (AATAMS) in practice - Deployments, projects and data management; Vemco and AATAMS Acoustic Telemetry Workshop, 21/11/2007 - 23/11/2007, Sydney Institute for Marine Science, Sydney

Harcourt, R; The Australian Integrated Marine Observing System, IMOS: potential for integration with blue whale studies; Blue Whale Workshop, 12/07/2009 - 16/07/2009, Flinders University, Adelaide, Presenter(s): Rob Harcourt

Abecasis, D; Multispecies spatial dynamics under different protection levels: An evaluation of the effects and optimal design of the Luiz Saldanha Marine Park (Portugal); AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): David Abecasis

Bruce, B; Using acoustic telemetry to track the movements of white sharks; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Bary Bruce

Crook, D; Diadromous migrations of short finned eels and tupong in Victorian coastal streams; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): D Crook

Duffy, C, Francis, M, Montgomery, J; Proposed acoustic array at Stewart Island; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Field, IC, Meekan, MG, Bradshaw, CJA; Habitat use and residency patterns of grey reef sharks (*Carcharhinus amblyrhynchos*) at the Rowley Shoals, Western Australia; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Harcourt, R; Australian Acoustic Tagging and Monitoring System: What is AATAMS current status and where to the future? ; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Rob Harcourt

Heupel, M, Simpfendorfer, C; Telemetry in the tropics; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Hutchinson, N, Rhodes, K; Home range estimates for squaretail coral grouper, *Plectropomus areolatus* (Rüppell 1830); AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Huveneers, C, Harcourt, R, Boomer, A, Hobday, A, Pederson, H, Semmens, J, Stieglitz, T, Vallee, R, Webber, D, Heupel, M, Simpfendorfer, C, Peddemors, V; The influence of environmental parameters (meteorological and oceanographic) on the performance of acoustic receivers; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Knip, D, Heupel, M, Simpfendorfer, C, Tobin, M, Maloney, J; Home range and movement patterns of juvenile pigeye sharks (*Carcharhinus amboinensis*) in Cleveland Bay, north Queensland; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Lee, K, Huveneers, C, Peddemors, V, MacDonald, T, Harcourt, R; Assessing the efficiency of small marine protected areas for the conservation of eastern blue groper and wobbegong sharks; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Otway, N, Ellis, MT, Loudon, BM, Gilligan, JJ; Using acoustic telemetry to obtain experimental, observer-independent assessments of the effects of scuba diving on grey nurse sharks; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Peddemors, V, Robbins, W, Smoothey, A, Lee, K, Gray, C; Sydney's Sharks - I&I NSW Shark Research Programs; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Pederson, H, Leith, A, Gillespie, W, Tracey, S, Forbes, E, Semmens, J, Field, IC; Identifying patterns and relationships in acoustic telemetry data through 4D data fusion and visualization; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Pillans, R, Babcock, R; Using acoustic tracking data for testing Marine Park zoning adequacy in the Ningaloo Marine Park; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Reinfelds, I, Walsh, CT; Magnitude, frequency and duration of environmental flows to stimulate catadromous fish migrations: Australian bass (*Macquaria novemaculeata*); AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney



Simpfendorfer, C; The joys of interpreting VR2 data; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): Colin Simpfendorfer

Smoothey, A, Peddemors, V, Robbins, W, Gray, C; Patterns of movement of bull sharks in Port Jackson, NSW; AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Stokesbury, MJW; Update on the Ocean Tracking Network (OTN); AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney, Presenter(s): M Stokesbury

Williams, A, Daley, R; Listening in the deep sea: an array of VR2s that tracks movements of demersal sharks on the upper continental slope (200-700 m depths); AATAMS Data Workshop, 02/11/2009 - 04/11/2009, Sydney Institute for Marine Science, Sydney

Williams, G; New insights into polynya dynamics from seal-mounted CTDs; SASSI Workshop, International Polar Year Science Conference, 07/06/2010 - 07/06/2010, Oslo, Presenter(s): Guy Williams

Field, IC, Harcourt, R, Hindell, MA; Biologging and the Australian Acoustic Tracking and Monitoring System (AATAMS); Ocean Tracking Network (OTN) Data Management Committee Workshop, 06/11/2010 - 07/11/2010, Halifax, Presenter(s): Iain Field

Meekan, MG; Tracking mega-fauna in the north-west of Australia; WAIMOS Science & Data Uptake Workshop, 25/02/2011 - 25/02/2011, University of Western Australia, Perth, Presenter(s): Mark Meekan

Meekan, MG; Tracking megafauna at Ningaloo Reef; AATAMS Biennial Workshop, 08/07/2011 - 08/07/2011, Fremantle, Presenter(s): Mark Meekan

Speed, CW; Ecology of reef sharks at Ningaloo; AATAMS Biennial Workshop, 08/07/2011 - 08/07/2011, Fremantle, Presenter(s): Conrad Speed

Brodie, S; The energetics and behaviour of yellowtail kingfish, *Seriola lalandi*; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Stephanie Brodie

Dwyer, D; Assisting in the management, analysis and visualisation of acoustic telemetry data: current tools and new developments in the V-Track software; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Dan Dwyer

Harcourt, R; Observing the world's oceans: Australia's role in the OTN through AATAMS; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Rob Harcourt

Keller, K; The behaviour, fidelity and interaction of non-recreational elasmobranchs associated with a Sydney Offshore Artificial Reef (OAR); AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Krystle Keller

Marzullo, T; Stingray movements - a step toward revealing the environmental and physiological drivers behind their behaviour; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Tegan Marzullo

Meynecke, J; Going with the flow: migratory patterns of the female mud crab *Scylla serrata* (Forsk.); AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Jan-Olaf Meynecke

Simpfendorfer, C; Measures of activity space in acoustic monitoring studies; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Colin Simpfendorfer

Thums, M; Understanding the early offshore movement patterns of turtle hatchlings and the effects of anthropogenic light - a pilot study using acoustic telemetry; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Michelle Thums

Whoriskey, F; The Ocean Tracking Network; AATAMS Workshop, 12/11/2013 - 14/11/2013, North Stradbroke Island, Presenter(s): Fred Whoriskey



Hindell, MA; Animal oceanographers in SOOS; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Mark Hindell

Hindell, MA; Marine mammals collect under-ice data during winter in the Southern Ocean; Partnership for Observation of the Global Oceans (POGO), 21/01/2014 - 24/01/2014, Hobart, Presenter(s): Mark Hindell

Peddemors, V; Shark fisheries: research into assisting their management; Topics in Australian Marine Science (TAMS) Workshop, 06/03/2014 - 30/05/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Vic Peddemors

Harcourt, R; Oceans of opportunity, an Australian perspective on continental scale observing; An Ocean of Opportunity: Mutual Goals, shared resources, effective outcomes, 06/06/2014 - 06/06/2014, Ocean Tracking Network, Ottawa, Presenter(s): Rob Harcourt

McMahon, C, Harcourt, R; AATAMS - Biologging - what is it, what is available data wise - services provided to research community; SIMS Workshop, 29/07/2014 - 30/07/2014, Sydney Institute for Marine Science, Sydney, Presenter(s): Clive McMahon

Bestley, S; Working group on animal movement prediction 2015 (AMP2015) - first meeting final report; Working group on Animal Movement Prediction 2015 (AMP2015), 15/06/2015 - 18/06/2015, St. Andrews, Presenter(s): Sophie Bestley

Hoenner, X; The Integrated Marine Observing System: ocean observations to understand ecosystem responses to climate change; AATAMS Biennial Workshop, 15/10/2015 - 15/10/2015, Sydney, Presenter(s): Xavier Hoenner

Knott, N, Ferguson, A, Fetterplace, L, Marzullo, T, Bass, N, Brown, CJ, Suthers, I, Harvey, ES, Davis, A, Taylor, M; Movement of fishes among reefs and over soft sediments within a temperate embayment: the necessity and implication of movement data for spatial management; AATAMS Biennial Workshop, 15/10/2015 - 15/10/2015, Sydney, Presenter(s): Nathan Knott

Hindell, MA, Ropert-Coudert, Y, Bornemann, H, Jonsen, I, Trathan, P, Lea, MA, Wotherspoon, S, Huckstadt, L, Reisinger, R, Putte, VD; A multidisciplinary workshop of the Expert Group on Birds and Marine Mammals; Second Scar Retrospective Analysis of Antarctic Tracking Data Workshop, 04/04/2016 - 06/04/2016, Delmenhorst, Presenter(s): Mark Hindell

Harcourt, R, Pirotta, V, Grech, A, Jonsen, I, Slip, D, Peddemors, V; Entanglement of migrating whales down under, the search for an effective mitigation strategy; Fishing and Aquaculture Gear Workshop, 22/05/2016 - 26/05/2016, Princeton, Presenter(s): Rob Harcourt

Dudgeon, C; Tracking seasonal migratory movements in leopard sharks; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Chris Dudgeon

Dwyer, R; Tracking northern giants; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Ross Dwyer

Fox, R; IMOS Animal Tracking receiver pool project 2015 - lowering batteries to entry by ECRs; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Rebecca Fox

Harcourt, R; IMOS Animal Tracking - The next 10 years; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Rob Harcourt

Hoenner, X; IMOS Ocean Portal; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Xavier Hoenner

Lahoz-Monfort, J; Introducing the SCB conservation technology working group; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): J Lahoz-Monfort

McDowall, P; IMOS Animal Tracking - mooring designs; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Phil McDowall

Pederson, H; Vemco acoustic technology overview and study design; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): H Pederson

Steckenreuter, A; IMOS Animal Tracking database - web app use and news; 6th National Workshop on Australian Animal Tracking and Monitoring , 05/07/2016 - 05/07/2016, Brisbane, Presenter(s): Andre Steckenreuter

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

Roquet, F, Boehme, L, Bester, M, et, al.; In-situ observations using tagged animals; ALPS-II Workshop - Autonomous and Lagrangian Platforms and Sensors, 21/02/2017 - 24/02/2017, La Jolla, Presenter(s): Fabian Roquet

Armstrong, A; Movements of manta rays off eastern Australia tracked by acoustic telemetry; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Amelia Armstrong

Babcock, R; Ningaloo Reef Tracking Array update; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Russ Babcock

Harcourt, R; Trials and tribulations in the design and implementation of a national acoustic receiver network; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Rob Harcourt

Heupel, M; IMOS ATF Task Team: updates on national scale analyses; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Michelle Heupel

Hoenner, X; A new quality-control procedure for Australia's IMOS acoustic database ; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Xavier Hoenner

Jaine, F; IMOS Animal Tracking Facility: Database status and updates; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Fabrice Jaine

McDowall, P, Van Den Broek, J; IMOS Animal Tracking Facility: Logistical and Technical perspective; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Phil McDowall

Mitchell, J; IMOS ATF Receiver Pool Project: Habitat use of Galapagos sharks at Lord Howe Island, NSW; 7th National IMOS Acoustic Tracking Workshop, 17/06/2017 - 17/06/2017, Cairns, Presenter(s): Jonathan Mitchell

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