



Science for Management Awards – Previous Recipients

2011

Name	Project Title	University
Ben Gordon	The metabolome of <i>Symbiodinium</i> phylotypes and their coral hosts	James Cook University
Martin van der Meer	Genetic connectivity of fishes endemic to Lord Howe Island, Elizabeth and Middleton Reefs and those found more widespread in the Solitary, Lizard and One Tree Islands, and New Caledonia	James Cook University
Jessica Stella	Threats to the biodiversity of coral-associated invertebrates via coral bleaching and habitat loss due to climate change	James Cook University
Amelia Wenger	The effects of suspended sediment on early life history stages of coral reef fish	James Cook University
Frederick Pollock	Developing novel tools to detect and quantify coral pathogens on reefs	James Cook University
Ian McLeod	Effects of oceanic warming on the embryological development and larval survival of coral reef fishes from high to low latitude sites in the Great Barrier Reef	James Cook University
Jennifer Donelson	Multi-generation acclimation and adaptation in a coral reef fish	James Cook University

2010

Name	Project Title	University
Libby Liggins	Patterns of spatial and temporal connectivity in coral reef fish	University of Queensland
Rohan Brooker	Reproduction and ecology of the harlequin filefish, <i>Oxymonacanthus longirostris</i> , and the implications of climate change.	James Cook University
Christopher Goatley	The ecological role of sediments on coral reefs.	James Cook University

Brynn Devine	The effects of ocean acidification on habitat selection of coral reef fishes.	James Cook University
Jennifer Donelson	Thermal acclimation thresholds of coral reef fishes.	James Cook University

2009

Name	Project Title	University
Danielle Knipp	Spatial ecology of mobile predators in a nearshore tropical environment and the implication of Marine Protected Areas	James Cook University
Alexandra Carter	The effects of no-take zoning, region and year on reproductive output of the common coral trout <i>Plectropomus leopardus</i>	James Cook University
Tom Bridge	Substrates and benthic taxa on drowned shelf edge reefs, Great Barrier Reef	James Cook University
Andrew Chin	The biology and ecology of the blacktip reef shark <i>Carcharhinus melanopterus</i> and implications for conservation and management	James Cook University
Danielle Dixson	Effect of ocean acidification on larval prey response to predation	James Cook University
Erin Graham	Temperature and the energetic of scleractinian coral larvae: implications for larval dispersal and reef connectivity	James Cook University
John Dawson	Climate change and the geomorphological response of reef islands of the Great Barrier Reef	James Cook University
Jennifer Donelson	Climate change and the future for coral reef fishes: the potential for acclimation	James Cook University
Jessica Stella	Threats to the biodiversity of coral infauna via habitat loss and ocean acidification due to climate change	James Cook University
Tara Clark	Dating and mapping historical changes in Great Barrier Reef coral	University of Queensland

2008

Name	Project Title	University
------	---------------	------------

Daniele Cagnazzi	Conservation status of inshore dolphin species in Shoalwater Bay Military Training Area	Southern Cross University
Mariana Fuentes	Potential threats and effects of climate change on marine turtles in northern Queensland	James Cook University
Jennifer Donelson	Climate change and the future for coral reef fishes: impacts and adaptation	James Cook University
Alvaro berg Soto	The acoustic and surface behaviour of coastal dolphins in Queensland: implications for management	James Cook University
Alexandra carter	The effects of no-take zoning, region and year on reproductive output of the common coral trout, <i>Plectropomus leopardus</i>	James Cook University
Alastair Harry	The life history of six commercially important shark species within the Great Barrier Reef World Heritage Area	James Cook University
Andrew Hoey	Algal-herbivore interactions: the role of herbivory in structuring cross-shelf variation in benthic algal communities	James Cook University
Lachlan McKinna	Optical detection and measurement of the nitrogen – fixing cyanobacteria <i>Trichodesmium</i> within the Great Barrier Reef	James Cook University
George (Jez) Roff	Historical ecology of coral communities from the central inshore Great Barrier Reef: a palaeoecological approach	University of Queensland
Alicia Crawley	Assessing the risk of ocean acidification for the Great Barrier Reef	University of Queensland

2007

Name	Project Title	University
Ian Jacobsen	Diet, Reproduction and Age and Growth Development of Benthic Elasmobranch Species caught as trawl bycatch in the Great Barrier Reef Marine Park.	University of Queensland
Susan Sobotzick	Dwarf Minke Whale Biology and Implications for Tourism Management	James Cook University
Arnold Mangott	Behavioural studies on dwarf minke whales (<i>Balaenoptera acutorostrata</i> subspecies) associated with the swim-with industry in northern Great Barrier Reef	James Cook University
Matt Curnock	Mechanisms for assessing the sustainability of swim-with-dwarf minke whales tourism in the Great Barrier Reef	James Cook University

Richard Evans	Reproductive connectivity of no-take marine protected areas	James Cook University
Alvaro Berg Soto	The acoustic and surface behaviour of coastal dolphins in Queensland: implications for management	James Cook University

2005

Name	Project Title	University
Michael Bode	The influence of larval dispersal patterns on coral reef fish ecology.	University of Queensland
Ross Hill	Identification of the photochemical trigger of coral bleaching and the role of photoprotective mechanisms	University of Technology Sydney
Carol Erwin	Assessment of fine-scale relationships between climate change & tern population declines on the Great Barrier Reef.	James Cook University
Ashley Frisch	The effects of spearfishing in the Great Barrier Reef Marine Park.	James Cook University
David Williamson	Fishery effects & benefits of marine protected areas within the Great Barrier Reef Marine Park.	James Cook University
Karin Kassahn	Identifying and managing thermal stress in coral reef fish	James Cook University
Pakamas Thinphanga	Responses of nematode community to the impact of the herbicide diuron on a tropical seagrass system: a microcosm experiment	James Cook University

2004

Name	Project Title	University
William Robbins	Growth, Demography and Genetic stock structure of north Queensland reef sharks.	James Cook University
Karin Ulstrup	Functional and genetic complexities of coral bleaching at multiple scales.	University of Technology Sydney
Guy Marion	The development of isotopic records of Great Barrier Reef water quality since pre-European colonisation.	University of Queensland

Meir Sussman	Vectors of Coral disease - Steps towards preventing a "Caribbean-like" epidemic of coral disease on the Great Barrier Reef.	James Cook University
David Feary	Influence of coral degradation on fish community dynamics.	James Cook University
Cathie Page	Prevalence and impact of coral disease on the Great Barrier Reef.	James Cook University
Chris Shaw	Ecotoxicology and ecological risk assessment of herbicides in QLD coastal waters.	University of Queensland

2003

Name	Project Title	University
William Robbins	Growth, demography and genetic stock structure of North Queensland reef sharks.	James Cook University
Craig Sherman	Is <i>Pocillopora damicornis</i> a species complex?	University of Wollongong
Line Bay	Identifying and conserving thermal environments on the Great Barrier Reef.	James Cook University
Paul Tudman	Modelling the ecosystem effects of fishing on the coral reefs of the central GBR.	James Cook University
Shelley Anthony	Determining the cause of shut-down reaction/rapid tissue necrosis in scleractinian corals: pathogen or stress response?	James Cook University

2002

Name	Project Title	University
Karen Arthur	The effects of the toxic cyanobacteria <i>Lyngayamajuscula</i> on marine turtles	University of Queensland
Craig Sherman	Genetic diversity in brooding coral: the role of sexual and asexual reproduction in structuring coral communities.	University of Wollongong
Juanita Bite	The quality of seagrass as a dugong food resource: the importance of the effects of season and water depth	James Cook University
Mikaela Bergenius	Stock structure of common coral trout, <i>Plectropomus leopardus</i> , in the Great Barrier Reef World Heritage Area	James Cook University

Richard Evans	Effectiveness of the Zoning of the Great Barrier Reef and the Reproductive Potential of Reef Fishes	James Cook University
Amanda Hodgson	Dugong behaviour and the effects of anthropogenic noise: boats and pingers	James Cook University
Nadine Marshall	A conceptual and Operational Understanding of Resource dependency	James Cook University
William Robbins	Growth, demography and stock structure of Queensland reef sharks	James Cook University
James Sheppard	Foraging ecology of dugongs: Implications for management	James Cook University
Pakamas Thinphanga	An evaluation of the status of marine environments in the Great Barrier Reef region using the structure and taxonomic composition of nematode communities as a bio-indicator	James Cook University

2001

Name	Project Title	University
Severine Thomas	Sediment deposition sensor calibration and field application	James Cook University
Ian Bell	A comparison between movement patterns and diving behaviour of inter-nesting female hawksbill turtles and non-nesting foraging female and male turtles on reefs of the northern Great barrier Reef	Central Queensland University
Nathan Richards	The Abandoned Ships' Project (Eastern Coast Component)	Flinders University
Elizabeth Dinsdale	Evaluating the ecological effectiveness of management strategies to protect fringing coral reefs from anchor damage using outcome-based performance indicators.	James Cook University
Heather Patterson	Isotopes, early life history and potential self-recruitment of coral reef fishes	James Cook University
Amanda Hodgson	The impacts of anthropogenic noise on coastal marine mammals: dugongs and dolphins	James Cook University
Joshua Madin	Ecological implications of hydrodynamic and physical stresses on reef corals	James Cook University

James Aumend	Trace-element analysis of otolith composition as a technique for retrospectively identifying the coastal nurseries of tropical snapper from the GBR	James Cook University
Daniela Lewis	The ecology of territorial herbivorous damselfish and their effect on coral reef benthic communities	James Cook University

2000

Name	Project title	University
Jane Harrington	Cultural heritage management and communities: A comparative study of two world heritage areas (The Great Barrier Reef, Australia and Ayutthayah, Thailand)	James Cook University
Barbara Lukoschek	Development and implication of combined visual and acoustic survey techniques to estimate the sizes of populations of inshore dolphins in the GBRWHA	James Cook University
Ashley Williams	Habitat preference and early life history of juvenile red-throat emperor, <i>Lethrinus miniatus</i>	James Cook University
Geoffrey Muldoon	An ecological economic approach to determining fisheries investment where latent effort exists: sustainability implications for the Great Barrier Reef reef-line fishery	James Cook University
Sarah Omundsen	Temporal and spatial variability in recruitment and growth of juvenile fishes in tropical seagrasses	James Cook University
Rebecca Fisher	The behavioural capabilities of tropical reef fish larvae: implications for dispersal during the pelagic phase	James Cook University
Kendra Coufal	A survey of endocrine disruptors in marine turtles	University of Queensland

1999

Name	Title of project	Institution
Kevin Strychar	Zooxanthellae (<i>Symbodium microadriaticum</i>) symbiosis in soft coral	Central Queensland University

Samantha Adams	Effects of fishing on the sexual structure dynamics of <i>protogynous serranids</i>	James Cook University
Jo-Anne Cavanagh	Biological impact of organic agricultural chemicals	Australian Institute of Marine Science / James Cook University
Marshall Chang	Tropical Seahorse Project	James Cook University / GBR Aquarium
Sarah Omundsen	Variability of nursery ground value within and among tropical estuaries and reefs, using growth and condition analysis of <i>Lutjanus russelli</i>	James Cook University
Halmar Halide	Hindcasting coral bleaching events using a neural network technique	James Cook University
Michael Pido	Evaluation of resource management in small scale tropical marine fisheries: A comparison of Marine Reserves/Parks in the Philippines and Australia	James Cook University
Morgan Pratchett	Feeding preferences of Crown-of-thorns starfish	James Cook University
David Williamson	As assessment of the effectiveness of management zoning in protecting fish stocks in the Palm Islands & Whitsunday Islands, Central Section Great Barrier Reef	James Cook University
Nicholas Wynn	Nutritional requirements of the Hawksbill Turtle (<i>E.imbricata</i>)	James Cook University
James Aumend	The use of ICP-MS trace-element analysis of otoliths as a means of identifying the coastal grounds of tropical offshore fish stocks	James Cook University
Andrew Baird	The length of the larval phase in corals: new insights into patterns of reef connectivity	James Cook University