	Sunday 2nd July 2017				
14:00	Registration opens - Reflections room, DoubleTree by Hilton Darwin Esplanade				
18:00	WELCOME FUNCTION - Reflections room, DoubleTree by Hilton Darwin Esplanade				

	Monday 3rd July 2017					
7:30	Registration opens					
			Room: Playhouse theatre			
8.30-8.35			Welcome to Country			
8.35-8.45			Introduction: Edward Butler			
8.45-8.55		Of	ficial Opening: Honourable Lauren Moss N	MLA		
8.55-9.30	Plo	enary address: Professor Helene Marsh ' E	Ecological and cultural connections through	n coastal seas enabled by marine megafaur	na '	
9.30-9.50		Invited speaker: Mr	Tim Moltmann 'Implementing the Nationa	l Marine Science Plan'		
9.50 -10.30			Morning tea			
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room	Session 5: Gallery	
	S3: Building resilient urban ports and harbours through globally integrated research and management	S5: Ecological diversity and connectivity in the tropical eastern Indian Ocean	5	S15: Great Australian Bight – seeking whole-of-system understanding	G1:Marine fundamentals	
	Chair: Peter Steinberg and Beth Strain	Chair: Zoe Richards, Kathryn McMahon and Jim Underwood	Chair: Holly Raudino and Carol Palmer	Chair: Jason Tanner	Chair: Claire Streten	
10:25- 10:30	Peter Steinberg: Introduction to the symposium					
10.30-10.50	Niels Munksgaard: Metal and metalloid concentrations in Darwin Harbour sediment: influence of urban development	Zoe Richards: The Kimberley - Australia's great unsung coral sanctuary	Carol Palmer: A Preliminary Study of the Movement Patterns of False Killer Whales Pseudorca crassidens in Waters of the Northern Territory, Australia.	Ben Baghurst: The Great Australian Bight Research Program - seeking whole of system understanding	Fallen Teoh: Comparative whole membrane proteomics analyses of marine cyanobacteria	
10.50-11.10	Elisabeth Strain: The efficacy of eco- engineered interventions for enhancing the native biodiversity of seawalls in harbours across the globe.	Fabio Boschetti: Setting priorities for conservation initiatives at the interface between ecological connectivity, ocean circulation and ecological dynamics	Holly Raudino: Identifying critical habitat for dolphins in North Western Australia	David Griffin: Circulation of the Great Australian Bight: the influence of waves and the Leeuwin Current. Presented by Peter Oke	Rachel Manassa: Photosynthetic acclimation to desiccation stress in Zostera muelleri	

	Monday 3rd July 2017				
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room	Session 5: Gallery
	Symposium S3	Symposium S5	Symposium S17	Symposium S15	G1:Marine fundamentals
	Chair: Peter Steinberg and Beth Strain	Chair: Zoe Richards, Kathryn McMahon and Jim Underwood	Chair: Holly Raudino and Carol Palmer	Chair: Jason Tanner	Chair: Claire Streten
11.10-11.30	Katherine Dafforn: The ecological consequences of urban seascapes at the microbial scale	Kathryn McMahon: Patterns in diversity of seagrasses in the tropical Indian Ocean	Rachel Groom: Distribution and abundance of Dugong in the Northern Territory	John Middleton: The ocean circulation and dynamics of the Great Australian Bight: model results and validation	Talia Stelling-Wood: Using functional traits to predict biodiversity in subtidal macroalgae systems.
11.30-11.50	Sarah Kienker: Australasian differences in Stakeholder attitudes towards ecological engineering of Marine artificial structures	Jim Underwood: Expect the unexpected: remarkable genetic divergence among and within the wild coral reefs of the Kimberley	David Curmi: Monitoring and management of sea turtles and other marine megafauna in the Thamarrurr Region - where to from here?	Nicole Patten: Shifts in plankton community composition in the Great Australian Bight: New insights into food web dynamics. Presented by Paul van Ruth	Euan Provost: Climate-driven disparities among ecological interactions threaten kelp forest persistence
11.50-12.10	Keliang Chen: Challenges and Experiences in Xiamen's Blue Bay Remediation Action	Made Pharmawati: Microsatellite DNA analysis of genetic diversity in Enhalus acoroides in Indonesia	Duane March: Assessing states of health and disease in stranded green sea turtles (Chelonia mydas)	•	Victor Shelamoff: Patch characteristics of Ecklonia radiata influence associated community structure
12.10-12.15	PEP - Jeff Tsang: Assessment of Arsenic Bioavailability in Darwin Harbour Sediment	PEP - James Gilmour: Scales of stock-recruitment and the resilience of isolated coral reefs	PEP - Ricardo Alvarez : Spatial distribution patterns in South American in-shore dolphins.	Lisa-ann Gershwin: Siphonophores: fearsome predators in oceanic food webs	PEP - Megan Carve Luzardo: Impacts to seagrass from the herbicide Fusilade Forte® in management of Spartina anglica infestations
12.15-12.20	PEP - Shin Ushiama: Designing fish-friendly seawalls	PEP - Oliver Berry: Isolation of oceanic and coastal populations of the harvested mother-of-pearl shell Tectus niloticus in the Kimberley. Presented by Mike Travers			PEP - Francesca Gissi: Using the SeaSim facility for ecotoxicology -testing the effects of Ni and Cu on the adult hard coral <i>Acropora muricata</i> .
12.20-12.25	PEP - Stuart Pearson: Jakarta Bay as an opportunity for collaborative and integrative research and the need for knowledge brokering	PEP - Catherine Kim: Biodiversity of coral reef cryptofauna in relation to coral habitat and reef fish communities in Timor-Leste			PEP - Allyson O'Brien: Going back to basics: population dynamics and ecotoxicology
12.25-12.30	PEP - Jean Chai Yee: Yard in the marinas - the initiation of WHP in Penang	PEP - Katrina West: The application of eDNA metabarcoding for marine biodiversity monitoring at the Cocos-Keeling Islands.			
12.30-13.30			Lunch		

	Monday 3rd July 2017				
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room	Session 5: Gallery
	Symposium S3	Symposium S5	Symposium S17	Symposium S15	G1:Marine fundamentals
	Chair: Peter Steinberg and Beth Strain	Chair: Zoe Richards, Kathryn McMahon and Jim Underwood	Chair: Holly Raudino and Carol Palmer	Chair: Jason Tanner	Chair: Claire Streten
13.30-13.50	John Lee: Assessment of human-induced change and biological risk posed by contaminants in estuarine sediments: a scheme for assessing global harbour estuaries	management of tropical reef fish	Luciana Ferreira: The trophic role of a large marine predator, the tiger shark Galeocerdo cuvier	slope/offshore Great Australian Bight	Brendan Lanham: Clams benefit mobile fauna by creating algal beds with low predation pressure
13.50-14.10	Rebecca Morris: From grey to green: efficacy of eco-engineering solutions for nature-based coastal defence	Joseph DiBattista: Evolution of Pygmy Angelfish: A Model Group to Study Species Boundaries in the Eastern Indian Ocean and Beyond	Mark Meekan: Photo-id studies using spot patterns of whale sharks - are they pointless?	abundance, biovolume and size structure	Ezequiel Marzinelli: Restoration of underwater forests: "Operation Crayweed"
14.10-14.30	Stuart Pearson: World Harbour Project: Conflict and the Future in the World's Harbours	Joseph Turner: Mesophotic coral ecosystems: A global perspective and putting Ningaloo in context	Lyn Irvine: The spatial and temporal distribution of humpback whale calves in the Ningaloo Marine Park. Presented by Chandar Salgado Kent	community in the Great Australian Bight	Anna Lafratta: Importance of habitat selection to successfully develop Blue Carbon projects.
14.30-14.50	Ana Bugnot: Learning from nature: Using meta-analyses to ecologically inform foreshore infrastructure designs	Ana Hara: New knowledge on the marine Crustacea of northern Western Australia.	Fletcher Mingram: Sources of Variation in Cetacean Blubber Hormone Levels: Implications for Management of Postmortem Sampling	collection of benthic fishes in Australian	Christian Salinas: Impact of eutrophication on carbon storage in seagrass meadows

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	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room	Session 5: Gallery
	Symposium S3	Symposium S5	Symposium S17	Symposium S15	
	Chair: Peter Steinberg and Beth Strain	Chair: Zoe Richards, Kathryn McMahon and Jim Underwood	Chair: Holly Raudino and Carol Palmer	Chair: Jason Tanner	
14.50-14.55	PEP - Mirjam Kaestli: The bacteria of Darwin Harbour: spatiotemporal patterns in a tropical macrotidal estuary subject to urbanisation	PEP - Oliver Berry: Complex ocean currents promote adaptive diversification and lower dispersal in a tropical reef fish from north-western Australia. <u>Presented by Mike Travers</u>	Gary Truong: Using environmental drivers to model blue whale acoustic detection variability	PEP - Mark Doubell: Contrasting water column structure and mixing processes across the Great Australian Bight Presented by John Middleton	
14.55-15.00	PEP - Ruby Garthwin: Fine-scale approach to assess the impact of recreational boat moorings on seagrass physiology in a threatened Posidonia australis meadow	PEP - Joseph DiBattista: Genomics reveals fine-scale Patterns of Dispersal for a Reef Fish along the ecologically significant Coast of Northwestern Australia		PEP - Paulina Cetina-Heredia: Nitrate sources, supply, and phytoplankton growth in the Great Australian Bight: and Eulerian-Lagrangian approach	
15.00-15.05	PEP - Chandar Salgado Kent: Dolphin Foraging Behaviour in the Busy Fremantle Inner Harbour, Western Australia			PEP - Kathryn Wiltshire: Assessing environmental suitability of the GAB region for key deep-sea benthic taxa using species distribution modelling. Presented by Jason Tanner	
15.05-15.10				PEP - Paul van Ruth: Variations in productivity in the Great Australian Bight: Uncovering hidden influences on the food web	
15.10-15.40			Afternoon tea		

	Monday 3rd July 2017					
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room	Session 5: Gallery	
	Symposium S3		Symposium S17	Symposium S15	G4:Arafura Timor Seas Ecosystem Action	
	Chair: Peter Steinberg and Beth Strain		Chair: Holly Raudino and Carol Palmer	Chair: Jason Tanner	Chair: Edward Butler	
15.40-16.00	Augustine Porter: 3D Mapping and Fishes at Breakwalls: An Ecoengineering Opportunity		Ricardo Tapilatu: Utilizing drone technology to assess leatherback sea turtle (Dermochelys coriacea) hatchling fitness in Papua Barat, Indonesia	Franzis Althaus: Benthic invertebrate megafauna of the deep Great Australian Bight	Catherine Kim: Drivers of kilometre- scale coral reef benthic composition in Timor-Leste	
16.00-16.20	Nina Schaefer: Rocking urban design: how features of natural rock pools can inform ecological engineering		Sam Gaylard: Legacy pollutants in ports, PFAS and its implications for dolphins	Jodie van de Kamp: Diversity and abundance of microbial hydrocarbon degradation pathways in the offshore environments of the Great Australian Bight. Presented by Lev Bodrossy	Peter Mous: Assessing catch composition and fishing grounds of Indonesian dropliners and longliners targeting deepwater snappers and groupers in the Timor and Arafura Seas	
16.20-16.25	Emma Jackson: Seagrass ranching: Transplant grow out to recover seagrass clonal integration			Jason Tanner: Infaunal assemblage structure in the deep Great Australian Bight	PEP - Kim Picard: Fine-scale variability of raised geomorphic features on the Sahul Shelf, North-western Australia	
16.25-16.30					PEP - Jochen Kaempf: Physical Drivers of Majestic Phytoplankton Blooms in the Northwestern Arafura Sea	
16.30-16.35 16.35-16.40					PEP - Harriet Davies: A participatory approach to benthic habitat mapping in a highly turbid marine environment	
16.40-17.00	Hongzhe Chen: Study of plastic marine debris around a seaside tourist city			Tim Ward: Scientific findings of the Great Australian Bight GAB Collaborative Research Program		

Tuesday 4th July					
Registration opens					
		Room: Playhouse			
Daily Introduction					
	Pres	entation of the Allen and the Technical Av	wards		
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Invited	speakers: Mr Jerry Stephen, Ms Hilda M	osby and Mr Frank Loban 'Traditional mai	nagement of marine resources in the Torre	s Strait'	
		Morning tea			
Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room	Session 5: Gallery	
S3: Building resilient urban ports and	S10: Climate impacts on marine system	S6: Remote sensing techniques for	S13: Commonwealth Marine Parks:	G1:Marine fundamentals	
harbours through globally integrated	structure and function: molecules to	marine sciences	research for management		
research and management	ecosystems				
<u> </u>	•	Chair: Zhi Huang and Jamie Treleaven	Chair: Amanda Parr	Chair: Claire Streten	
	, ,				
•				David Griffin: Surface drift and the	
•	•		management needs	search for MH370	
with ecoengineering?	dinoflagellate to marine heat waves	sensing approach			
Rehecta Fisher: Accounting for opposing	lanine Ledet: Diet and temperature	Stephen Sagar: Extracting the intertidal	Scott Nichol-Integrated seahed manning	Krystle Keller: Multispecies presence	
5 5	•	' '	0 11 0	and connectivity around a designed	
•	,	,		artificial reef to assess local fish	
,		•	park management	production-attraction.	
reefs.		20.10001 02001 10110110		production attractions	
	Kristen Brown: Effects of ocean warming	Janet Anstee: Preparing for satellite	Grant Smith: Sea Surface Temperature	Cyntia Harayashiki: Effect of inorganic	
natural biota as oceans acidify?	a common coral-algal interaction	knowledge of our reefs: COral Reef	Risk in the Great Barrier Reef	(Acanthopagrus australis) behaviour	
·	<u> </u>			, ,	
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		Activities			
	Session 1: Playhouse theatre 53: Building resilient urban ports and harbours through globally integrated research and management Chair: Peter Steinberg and Beth Strain Mariana Pinto Mayer: Can we increase services provided by coastal infrtructure with ecoengineering? Rebecca Fisher: Accounting for opposing objectives and environmental uncertainty in deriving thresholds for managing dredging impacts near coral reefs. Kay Davis: Can we engineer coastal defence structures to support more	Plenary address: Dr Julie Hall 'Integrating social science, economics, ind Invited speaker: Professor Nic Bax 'Australia's 2016 Stat Invited speakers: Mr Jerry Stephen, Ms Hilda Mi Session 1: Playhouse theatre S3: Building resilient urban ports and harbours through globally integrated research and management Chair: Peter Steinberg and Beth Strain Chair: Alistair Hobday Karlie McDonald: Introduction to the symposium Mariana Pinto Mayer: Can we increase services provided by coastal infrtructure with ecoengineering? Mariana Pinto Mayer: Accounting for opposing objectives and environmental uncertainty in deriving thresholds for managing dredging impacts near coral reefs. Kay Davis: Can we engineer coastal defence structures to support more natural biota as oceans acidify? Kristen Brown: Effects of ocean warming and acidification on the ecophysiology of a common coral-algal interaction	Registration opens Room: Playhouse Daily Introduction Presentation of the Allen and the Technical At Plenary address: Dr Julie Hall 'Integrating social science, economics, indigenous knowledge and marine science to Invited speaker: Professor Nic Bax 'Australia's 2016 State of Environment Report for the Marine En Invited speakers: Mr Jerry Stephen, Ms Hilda Mosby and Mr Frank Loban 'Traditional mai Morning tea Session 1: Playhouse theatre Session 2: Ballroom 1 Session 3: Ballroom 2 Session 3: Building resilient urban ports and harbours through globally integrated research and management Chair: Peter Steinberg and Beth Strain Chair: Alistair Hobday Karlie McDonald: Introduction to the symposium Mariana Pinto Mayer: Can we increase services provided by coastal infrtructure extremes - responses of a tropical dinoflagellate to marine heat waves Rebecca Fisher: Accounting for opposing objectives and environmental uncertainty in deriving thresholds for managing dredging impacts near coral reefs. Kay Davis: Can we engineer coastal defence structures to support more natural biota as oceans acidify? Alight Professor Nic Bax 'Australia's 2016 State of Environment Report for the Marine Environment Reconomics, indigenous knowledge of our refers Coral Reef Airborne Laboratory 2016 overflight of the GBR and Torres Strait: CSIRO	Registration opens Room: Playhouse Daily Introduction Presentation of the Allen and the Technical Awards Plenary address: Dr Julie Hall "Integrating social science, economics, indigenous knowledge and marine science to under pin decision making for management Invited speaker: Professor Nic Bax 'Australia's 2016 State of Environment Report for the Marine Environment. Where are we and where might Invited speakers: Mr Jerry Stephen, Ms Hilda Mosby and Mr Frank Loban 'Traditional management. Where are we and where might Invited speakers: Mr Jerry Stephen, Ms Hilda Mosby and Mr Frank Loban 'Traditional management. Where are we and where might Invited speakers: Mr Jerry Stephen, Ms Hilda Mosby and Mr Frank Loban 'Traditional management. Where are we and where might Invited speakers: Mr Jerry Stephen, Ms Hilda Mosby and Mr Frank Loban 'Traditional management. Where are we and where might Invited Speakers: Mr Jerry Stephen, Ms Hilda Mosby and Mr Frank Loban 'Traditional management. Where are we and where might Invited Speakers: Mr Jerry Stephen, Ms Hilda Mosby and Mr Frank Loban 'Traditional management. Where are we and where might Invited Speakers: Mr Jerry Stephen, Ms Hilda Mosby and Mr Frank Loban 'Traditional management. Where are we and where might Invited Speakers: Mr Jerry Stephen, Ms Hilda Mosby and Mr Frank Loban 'Traditional management. Where are we and where might Invited Speakers: Presources in the Torre Moring the Chair: All State Invited In	

	Tuesday 4th July					
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room	Session 5: Gallery	
	Symposium S3	Symposium S10	Symposium S6	Symposium S13	G1:Marine fundamentals	
	Chair: Peter Steinberg and Beth Strain	Chair: Alistair Hobday	Chair: Zhi Huang and Jamie Treleaven	Chair: Amanda Parr	Chair: Claire Streten	
	Maria Vozzo: Wave energy alters biodiversity by shaping intraspecific variation of a habitat-forming species	Karlie McDonald: Marine climate hotspots as indicators of primary productivity in a changing global environment	David Antoine: Why would "satellite remote sensing scientists" spend time doing fieldwork?	Elizabeth Botha: A review of remote sensing-derived products and tools to support marine park management.	Rene van der Zande: Intermediate levels of environmental variability yield faster coral growth at a risk of increasing mortality	
11.50-11.55	PEP - Adam Davey: World Harbours Project: Eco-engineering for biodiversity - preliminary observations and lessons learnt from Hobart Harbour. Presented by Catriona Macleod	Ryan D Lewis: No evidence of alternative stable states in the dynamic between the habitat-forming seaweed Hormosira banksii and coralline turf		Vinay Udyawer: Needles and haystacks: using spatial modelling to find rare sea snakes in the North West Marine Region	Aria Lee: Exotic polychaete species identified using integrative methods.	
11.55-12.00	PEP - Beth Strain: Eco-engineering built infrastructure for marine and coastal biodiversity: which interventions have the greatest ecological benefit?					
12.00-12.10						
12.10-12.15		PEP - Ezequiel Marzinelli: Marine	PEP - Fang Yuan: Regional Copernicus	Ben Radford: Filling in the gaps in data-	PEP - Amandine Schaeffer: Sub-surface	
		'holobionts': seaweed-microbe interactions in a changing environment	Data Hub: Sentinel Data Access and Contributing to Marine Science. Presented by Adam Lewis	poor CMRs: the role of spatial predictive models	intensification of marine heat waves: the role of stratification and local winds. Presented by Moninya Roughan	
12.15-12.20		knowledge exchange across scales in a globally changing environment	PEP - David Blondeau-Patissier: Satellite Detection of Oil Pollution in the Great Barrier Reef using ESA's multi-sensor Sentinel missions. <u>Presented by Janet</u> <u>Anstee</u>		PEP - Jason Tanner : Biogeography of southern Australian deep sea fauna	
12.20-12.25		PEP - Nicole Said: Minimising the Effects of Light reducing Activities on a widely distributed Seagrass. Presented by Kathryn McMahon			PEP - Thais Galvao : Mapping of coral reef at Santa Cruz de Cabrália, Brazil, based on satellite image WorldView-2 by using depth invariant index method.	
12.25-12.30					PEP - Oleg Makarynskyy: Recent sediment investigations in an enclosed tropical harbour	
12.30-13.30			Lunch			

			Tuesday 4th July		
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room	Session 5: Gallery
	S12: Migratory fishes and their fisheries	Symposium S10	Symposium S6	Symposium S13	G1:Marine fundamentals
	Chair: Lynnath Beckley	Chair: Alistair Hobday	Chair: Zhi Huang and Jamie Treleaven	Chair: Amanda Parr	Chair: Aria Lee
13.30-13.50	Toby Patterson: Cyclical migration dynamics in juvenile southern bluefin tuna	Adriana Verges: Latitudinal variation in seagrass herbivory: global patterns and explanatory mechanisms	Vincent Raoult: How reliable is structure from motion on coral reefs? Quantifying error rates compared to traditional methods	James Gilmour: Constancy of change on NW Australia's remote coral atolls: demographic, local and climatic drivers in an uncertain world	Patrick Fitzgerald: Nuanced effects of the invasive Mytilus galloprovincialis on mussel bed communities in Coffin Bay, South Australia.
13.50-14.10	Paige Eveson: Modelling surfacing rates of southern bluefin tuna in the Great Australian Bight	Pia Bessell-Browne: Cumulative impacts: thermally bleached corals have reduced capacity to clear deposited sediment		Marji Puotinen: In which of Australia's north and northwest region CMRs and KEFs are 13 key biotic taxa likely the most widespread?	Graeme Clark: Diffuse tolerance facilitates marine bioinvasion
14.10-14.30	Pratiwi Lestari: A multi-technique investigation of population structure of tunas in Indonesian archipelagic waters.	Nathan Janetzki: Thermal extremes: the response of three intertidal snails to boulder surface temperature	Zhi Huang: Use of MODIS data to investigate the spatial and temporal variability of the Bonney upwelling in the past 14 years	marine management: Polychaetes of the	Debra Doolan: The risk of introduction of invasive species associated with interstate vessel movements.
14.30-14.35	Anung Widodo: Characteristics of tuna fisheries associated with FADs in Indonesian waters. Presented by Wudianto	Paulina Cetina-Heredia: Strengthened currents override the effect of warming on lobster larval dispersal & survival	PEP - Aero Leplastrier: Dynamics and connectivity of the Bonney Coast Upwelling on a daily scale using the Himawari-8 dataset. Presented by Zhi Huang PEP - David Blondeau-Patissier: Phenology of Trichodesmium blooms in	Andrew Warmbrunn: Cleaning up the Coral Sea Commonwealth Marine Reserve	Sonia Sánchez: Defining Important Penguin Areas: localizing feeding hotspots and understanding the role of environmental conditions on foraging success
14.40-14.45			the Great Barrier Reef Lagoon, Australia. Presented by Arnold Dekker PEP - Sarah Murfitt: Applications of unmanned aerial vehicles in intertidal reef monitoring PEP - Denise Perez: Determining light - use efficiency of seagrass and coral reef communities for remote sensing applications.		

	Tuesday 4th July				
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room	Session 5: Gallery
	Symposium S12	Symposium S10	Symposium S6	Symposium S13	G1:Marine fundamentals
	Chair: Lynnath Beckley	Chair: Alistair Hobday	Chair: Zhi Huang and Jamie Treleaven	Chair: Amanda Parr	Chair: Aria Lee
14.50-14.55	Kylie Scales: Dynamic ocean management: near real-time spatial ecoinformatics for reducing bycatch in marine fisheries		PEP - David Antoine: The Australian Integrated Marine Observing System (IMOS) radiometry task team: a community effort towards improved field ocean colour measurements		PEP - Sara Pastorino: Shallow marine life of New Zealand's subantarctic islands.
14.55-15.00					PEP - Caitlin Rae: Dietary composition of Ocypode convexa on sandy beaches in mid-west region of Western Australia.
15.00-15.05					
15.05-15.10					
15.10-15.40	Construct Block over the star	Constant D. Bullion and	Afternoon tea	Constant A. PhotoGold and a	Is a star of Callian
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room	Session 5: Gallery G1:Marine fundamentals
	Symposium S12 Chair: Lynnath Beckley	Symposium S10 Chair: Alistair Hobday	Symposium S6 Chair: Zhi Huang and Jamie Treleaven	Symposium S13 Chair: Amanda Parr	Chair: Aria Lee
15.40-16.00		signatures suggest food web shift off the western Antarctic Peninsula	Tim Lynch: Metrics, parameters and results from fisheries and wildlife studies with the CSIRO Ruggedized Autonomous Gigapixel Systems (CRAGS)	,	Christine Crawford: Overview of currents, nutrients and plankton of southeastern Tasmanian coastal waters from a five year field study
16.00-16.20	David Crook: Restoration of a traditional aquaculture system for short-finned eels (Anguilla australis) at Lake Condah (Tae Rak) in south-western Victoria	· ·	Arnold Dekker: Earth Observation's Role in Sustainable Development Goals: relevant Geospatial assessments of Freshwater, Estuaries, Coasts and Oceans	Terry Walshe: Should we monitor the bleeding obvious?	Lesley Clementson: The distribution of cyanobacteria in the waters of the Great Barrier Reef

	Tuesday 4th July					
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room	Session 5: Gallery	
	Symposium S12	Symposium S10		Symposium S13	G1:Marine fundamentals	
	Chair: Lynnath Beckley	Chair: Alistair Hobday		Chair: Amanda Parr	Chair: Aria Lee	
16.20-16.40	Rik Buckworth: Spanish mackerel: metapopulations and management	Michelle Linklater: A hidden oasis for corals? Exploring past and present-day coral distribution in a subtropical setting		Steffan Howe: Piloting a new approach to Monitoring Victoria's Marine Protected Areas in Point Addis Marine National Park.	Joseph Crosswell: Carbon and nutrient cycling along the river-ocean continuum in Princess Charlotte Bay: observational methods to characterize the dominant biogeochemical pathways.	
16.40-16.45		Will Figueira: Coral bleaching and structural complexity: refining tools and assessing impacts		PEP - Zhi Huang: A surrogacy approach to evaluate the habitat potential of Australian submarine canyons	PEP - Carlos Rocha: Towards biogeochemical modelling of the East Australian Current system. Presented by Moninya Roughan	
16.45-16.50				PEP - Rachel Przeslawski : Development of field manuals for marine benthic monitoring in CMRs	PEP - Adriana Verges: Operation Crayweed: raising awareness about underwater forests in Sydney and beyond	
16.50-16.55					PEP - Matthew Adams: Identifying robust bioindicators for seagrass light stress over several timescales. Presented by Kathryn McMahon	
16.55-17.00					PEP - Megan Skelton: Are seahorses and pipefish losing critical habitat to a problem alga?	

19:00

Student night at 'The Precinct', Darwin Waterfront. All Welcome

	Wednesday 5th July							
8:00		Registrat	tion opens					
		Room: Playhouse						
8.30-8.35		Daily Int	roduction					
8.35-8.45			ard winner by Will Figueira					
8.45-9.20	Jubilee A	Award winner presentation: Prof Peter Steinberg	Drugs, bugs and seaweeds: multidisciplinary marine	e science'				
9.20-9.55		Plenary address: Dr Alistair Hobday 'Blue	efin, connectivity, climate, and adaptation'					
9.55-10.00		Ryan Baring: 2018	AMSA annoucement					
10.00 -10.30		Morn	ing tea					
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room				
	S9: Integrating science to support management in	S2: Sustainable estuaries and societal benefits:	S7: The use of acoustics for the exploration and	S20: Small-scale commercial marine harvest:				
	the Kimberley	linkages, challenges and future trade-offs	management of the marine environment.	challenges and opportunities				
	Chair: Stuart Field and Kelly Waples	Chair: Fiona Valesini, Kieryn Kilminster and Chris Hallett	Chair: David Williams and Kim Picard	Chair: Karen Gibb				
10.30-10.50	Stuart Field: The Kimberley Marine Research Program - Integrating Science into marine conservation management.	Peter Scanes: Threats and Risks to sustainability of NSW estuaries	Ben Scoulding: Evaluating active-acoustic methods for assessing snapper (Chrysophrys auratus) spawning aggregations in Western Australia	Jerry Stephen: Fishing in the Torres Strait: success through community participation.				
10.50-11.10	Haliana Kobryn: Evaluating conflict potential in the marine and coastal areas of the Kimberley region through public participation GIS	Chris Hallett: Lessons for improved monitoring and reporting of estuarine condition across Australia	Miles Parsons: Marine Soundscape Ecology: Throwing a snapper in the works	Trevor Hutton: Harvest Strategy development for Torres Strait commercial fisheries				
11.10-11.30	Hector Lozano: Integrated land-sea modelling of the Kimberley	Rebecca Swanson: Assessment of estuarine health in a heavily urbanised and industrialised estuary	David Williams: Use of Acoustic Techniques for the Determination of Circulation Patterns and Net Sediment Transport, Marine Supply Base, Darwin Harbour.	· ·				
11.30-11.50	Ming Feng: Climate drivers of marine heatwaves off the Kimberley coast	Angus Ferguson: Sustainable load assessments for Lake Macquarie using ecosystem response modelling and empirical data	Justy Siwabessy: Modelling the distribution of hard seabed in Darwin Harbour using angular backscatter response. Presented by Kim Picard	Samantha Nowland: The tropical rock oyster Indigenous economic development project: challenges, success and opportunities				
11.50-12.10	Peter Bayliss: Integrating Indigenous knowledge and survey techniques to develop a baseline for dugong management in the Kimberley	Kerry Trayler: Flood 2017 - Impacts on environmental and social values of an urban estuary	Oleg Makarynskyy: Using acoustic current profilers and drifting buoys for current measurements in estuarine environments	Anna Padovan: Multiple approaches to assess artisanal food safety				

		Wednesd	ay 5th July	
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room
	Symposium S9	Symposium S2	Symposium S7	Symposium 20
	Chair: Stuart Field and Kelly Waples	Chair: Fiona Valesini, Kieryn Kilminster and Chris Hallett	Chair: David Williams and Kim Picard	Chair: Karen Gibb
12.10-12.15		PEP - David Deeley: Are Process Indicators Better Than Inventory Indicators For Determining Estuarine Ecosystem Health?	coastal environments	PEP - Roy Deng: Development of an empirical Harvest Control Rule for supporting management of the Torres Strait Panulirus ornatus lobster fishery
12.15-12.20		PEP - Katherine Dafforn: Assessing the impacts of land-based discharges on ecosystem structure and function of urban waterways.	PEP - Miles Parsons: Shallow water shark detection with sonar	PEP - Cassandra Pert: 'Barrens of gold': sea urchin farming as a driver of ecological restoration
12.20-12.25		PEP - Simon Townsend: Towards a long-term monitoring program for Darwin Harbour.		PEP - Kimberley Hunnam: Preliminary characterisation of Timor-Leste sardine fisheries from a food security perspective
12.25-12.30				PEP - Shannon Burchert: Shellfish quality
12 22 12 22				assurance in the Northern Territory
12.30-13.30	Construct Block over the star		eral meeting (Ballroom 1)	Constant A. Litch Cold const
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room
	Symposium S9	Symposium S2	S8: Noise Impacts	Symposium 20
	Chair: Stuart Field and Kelly Waples	Chair: Fiona Valesini, Kieryn Kilminster and Chris Hallett	Chair: Rachel Przeslawski	Chair: Karen Gibb
13.30-13.50	Christopher Cornwall: Calcification of reef- forming species in the Kimberley under variable pH regimes, today and in a future high CO2 ocean	Sabine Dittmann: Ecological responses to flow characteristics in estuaries	Rachel Przeslawski: The Gippsland marine environmental monitoring project: An integrated approach to understanding the potential impacts of marine seismic surveys on fish and invertebrates. Presented by Andrew Carroll	Graham Edgar: Rapid ongoing decline in populations of large-bodied Australian fishes despite world-best management practices
13.50-14.10	Michele Thums: Modelling the spatial distribution of humpback whales in the Kimberley region of Western Australia	Mathew Taylor: Direct and indirect interactions between estuarine habitats and commercially important species of penaeid shrimp. Presented Troy Gaston	Alec Duncan: How can impulsive marine seismic air gun signals impact marine fauna?	Matthew Taylor: Determining the contribution of estuarine habitats to the diets of commercially important fisheries species in the Hunter River. Presented by Tim Smith
14.10-14.30	Ruby Garthwin: Characterising fish herbivory on tropical seagrasses: relating environmental variables to feeding rates	Claudia Trave: Protect or repair: insight into shoreline habitat complexity in Australia's urbanized tropical estuaries	Cameron Sim: Applying science and collaboration to enhance environmental impact assessment for sound-generating activities	·
14.30-14.35 14.35-14.50	David Deeley: Broadening and deepening the connections - Bi-cultural marine monitoring partnerships	Victoria Cole: Is oyster restoration of heavily urbanised estuaries possible?	PEP - Andrew Carroll: Assessing the behavioural response of sperm whales (Physeter macrocephalus) to marine seismic surveys: A case study from Lord Howe Rise in the Coral Sea	management of the grouper (Serranidae) in

		Wednesd	lay 5th July	
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room
	Symposium S9	Symposium S2		G2:Marine Food Security
	Chair: Stuart Field and Kelly Waples	Chair: Fiona Valesini, Kieryn Kilminster and Chris Hallett		Chair: Sam Nowland
14.50-14.55	Lynnath Beckley: Is the Kimberley coast still a pristine wilderness?	PEP - Navodha Dissanayake: The contribution of macroinvertebrates to mudflat functioning: global patterns		PEP - Peter Mous: Assessing catch of juvenile tuna around Fish Aggregating Devices deployed in Indonesia's Exclusive Economic Zone
14.55-15.00		PEP - Sian Glazier: Constructing a food web for key species in a Ramsar-listed estuarine environment		PEP - Craig Proctor: fishIDER – An on-line, bilingual resource for improving fish identification capacity of field personnel in tropical fisheries.
15.00-15.05		PEP - Marta Sanchez Alarcon: Understanding seagrass resilience in a changing estuary		PEP - Edward Butler : Mercury in Barramundi of the Mary River System—Insights on the Metal's Cycling
15.05-15.10		PEP - Jessica Merrett: Marine debris: sources, distribution and management implications for an urbanised estuary		
15.10-15.40		Aftern	oon tea	
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room
	S16: Observing the north	Symposium S2	S18: Marine Spatial planning	G2:Marine Food Security
	Chair: Ana Lara Lopez	Chair: Fiona Valesini, Kieryn Kilminster and Chris Hallett	Chair: Hugh Kirkman	Chair: Sam Nowland
15.40-16.00	Nicole L. Jones: Vertical mixing on the Australian Northwest Shelf	Malcolm Robb: Regional Estuaries Initiative - one year on.	Hugh Kirkman: Australia has no marine spatial planning	Sheridan Rabbitt: Women's contribution to food security and fisheries management: new data from the Solomon Islands
16.00-16.20	Hadi Bahmanpour: Annual and Inter-annual variability of Holloway Current along the shelf edge of North-Western Australia	Jocelyn Dela-Cruz: Economic implications of trade-offs to support healthy estuaries under pressure from urbanisation	Kelsey Roberts: Do Australia's marine protected areas (MPAs) operate as a network? Modelling functional connectivity within the Australian marine environment.	Karen Edyvane: Shifting the problem - trends in IUU fishing and derelict fishing nets in the shared Arafura-Timor Seas
16.20-16.40	Maxime Marin: Intra-annual Variability of the North West Shelf of Australia and its Impact on the Holloway Current. Presented by Ming Feng	Kieryn Kilminster: Science integration to support management for the Vasse-Wonnerup Estuary during a significant cyanobacterial bloom	Margaret Andrew: Spatial tools for coastal biodiversity management: Image-based detection of sea eagle nests and identification of nest site preferences	
16.40-17.00		Fiona Valesini: Balancing estuarine and societal health in a changing environment		

		Thursda	y 6th July	
8.15	Registration opens			
		Room: Playhouse		
8.30-8.35		Daily Int	roduction	
8.35-8.55	Invited speaker	: Dr Moninya Roughan 'Insight into Continental She	elf Processes Along SE Australia from 10 years of IM	IOS observations'
8.55-9.15	Invited speaker: D	r <mark>Richard Brinkman</mark> 'Sustainable Development of th	ne North's Blue Economy – the role of IMOS to date,	and into the future'
9.15-9.35	Invited speaker: Professor Robert Harcourt 'IMOS Animal Tracking, 10 years of age and going strong'			
9.35-9.55	Invited speaker:Professor Anthony Richardson 'A decade of IMOS Plankton Observations'			
10.00 -10.30	Morning tea			
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room
	S16: Observing the north	S11: Crossing boundaries with marine genomics: new techniques, applications and integration	S1: How can marine science better guide environmental decision-makers?	G5:Looking to the future
	Chair: David Williams	Chair: Allyson O'Brien	Chair: Terry Walshe	Chair: Kelly Mackarous
10.30-10.50	Ana Lara-Lopez: After a decade, what is new in IMOS?	Paul Gribben: Microbial communities in marine sediments control native/invasive macrophyte interactions	Ryan Baring: Plausible ecosystem futures as guidance for decision making	Ben Rae: Research delivered by new research vessel Investigator during the first two years of operation
10.50-11.10	Ryan Lowe: Oceanic drivers of reef heat budgets in northwestern Australia: the role of tides on regional and reef-scales	Allyson O'Brien: Using metabarcoding and metabolomics to measure marine community structure and function	Alice Jones: Are you sure? Capturing expert uncertainty in marine spatial cumulative impact assessment	Tanya Whiteway: National Bathymetry Collaborations and Coordination
11.10-11.30	-	Kathryn Wiltshire: Refining methods for detection of marine pests using plankton tows and qPCR assays	Tony Griffiths: A coastal and marine management strategy for the Northern Territory	Brendan Kelaher: A big stick approach to improving marine reserve performance
11.30-11.50		Fee Moy (Lisa) Lee Nen: Early detection of MIS from biofouling assemblages in South Australia using next generation sequencing	lan Poiner: Northern Territory Marine Science End User Needs Analysis Project	Steven Hawes: An analysis of current trends in connectivity modelling and where to next
11.50-12.10	Michelle Heupel: Exploring national-scale fish movements through the IMOS Animal Tracking Facility	Hannah Ward: Ecosystem engineers in intertidal sediments: microbial responses to macroinvertebrate exclusion along an environmental gradient	Jackie Gould: Environmental decision making in the NT: Indigenous sea country management and how science can support it	

1		Thursda	y 6th July	
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room
	Symposium S16	Symposium S11	Symposium S1	
	Chair: David Williams	Chair: Allyson O'Brien	Chair: Terry Walshe	
12.10-12.15	PEP - Lesley Clementson: 4 years of	PEP - Oliver Berry: Going with the flow: genomic	Cass Hunter: The place of Indigenous knowledge	
	observational data from LJCO; an assessment of	insights into ecological connectivity in the	at the marine research table. Presented by Mibu	
	the bio-optical variability in GBR coastal waters	Kimberley Presented by Jim Underwoood	Fischer	
12.15-12.20	PEP - Erin McCosker: Influence of oceanographic	PEP - Zarah Hockey: Developing new DNA		
	conditions on coastal zooplankton assemblages at	Markers to more accurately test for human faecal		
	three IMOS National Reference Stations	contamination		
	in Western Australia			
12.20-12.25	PEP - Jennifer Skerratt: Integrating models into	PEP - Laura Taillebois: Integration of multiple		
	water quality decisions. Presented by Mathieu	techniques to elucidate the population structure		
	Mongin	of coastal reef fish in northern Australia		
12.25-12.30	PEP - Abbi Scott: How can herbivores modify	PEP - Georgina Wood: Using population		
	ecosystem service delivery in seagrass beds?	genetics to design and assess success of marine		
		restoration		
12.30-13.30		Lui	nch	
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room
	Symposium S16	Symposium S11	Symposium S1	G5:Looking to the future
	Chair: Craig Steinberg	Chair: Allyson O'Brien	Chair: Terry Walshe	Chair: Claire Streten
13.30-13.50	Robert McCauley: Great whale presence in	Simone Birrer: Molecular ecology in the tropics:	Patricia Miloslavich: Identifying biological and	Colin Woodroffe: Response of mangrove
	northern Australia based on passive acoustics	Describing sediment microbes and mine-derived	ecological Essential Ocean Variables (EOVs) for	ecosystems in northern Australian estuaries to
		pollution in the Torres Strait	global sustained observations. Presented by Nic	environmental change
				environmental change
			<u>Bax</u>	environmentar change
13.50-14.10		Catherine Cavallo: DNA analysis of scats reveals		Claire Spillman: Climate proofing strategies using
13.50-14.10		Catherine Cavallo: DNA analysis of scats reveals effect of breeding constraints and environmental	<u>Bax</u>	<u> </u>
13.50-14.10			Bax Catriona Macleod: Incorporating community	Claire Spillman: Climate proofing strategies using
13.50-14.10	2010 to 2016 throughout the Great Barrier Reef.	effect of breeding constraints and environmental	Bax Catriona Macleod: Incorporating community concerns into decision-support tools for environmental management of finfish aquaculture. How can social science better guide	Claire Spillman: Climate proofing strategies using seasonal forecasting for Australian marine
13.50-14.10	2010 to 2016 throughout the Great Barrier Reef.	effect of breeding constraints and environmental	Bax Catriona Macleod: Incorporating community concerns into decision-support tools for environmental management of finfish	Claire Spillman: Climate proofing strategies using seasonal forecasting for Australian marine
	2010 to 2016 throughout the Great Barrier Reef. <u>Presented by Mathieu Mongin</u>	effect of breeding constraints and environmental variation on diet in a central place forager	Bax Catriona Macleod: Incorporating community concerns into decision-support tools for environmental management of finfish aquaculture. How can social science better guide environmental decision makers?	Claire Spillman: Climate proofing strategies using seasonal forecasting for Australian marine industries
13.50-14.10 14.10-14.30	2010 to 2016 throughout the Great Barrier Reef. Presented by Mathieu Mongin Paul G Thomson: Measuring the underwater light	effect of breeding constraints and environmental variation on diet in a central place forager Sven Uthicke: eDNA as a new tool to investigate	Bax Catriona Macleod: Incorporating community concerns into decision-support tools for environmental management of finfish aquaculture. How can social science better guide environmental decision makers? Warwick Noble: Nearshore marine Aquatic	Claire Spillman: Climate proofing strategies using seasonal forecasting for Australian marine industries Paul Hedge: Engagement of Indigenous
	2010 to 2016 throughout the Great Barrier Reef. <u>Presented by Mathieu Mongin</u>	effect of breeding constraints and environmental variation on diet in a central place forager Sven Uthicke: eDNA as a new tool to investigate	Bax Catriona Macleod: Incorporating community concerns into decision-support tools for environmental management of finfish aquaculture. How can social science better guide environmental decision makers?	Claire Spillman: Climate proofing strategies using seasonal forecasting for Australian marine industries
	2010 to 2016 throughout the Great Barrier Reef. Presented by Mathieu Mongin Paul G Thomson: Measuring the underwater light	effect of breeding constraints and environmental variation on diet in a central place forager Sven Uthicke: eDNA as a new tool to investigate	Bax Catriona Macleod: Incorporating community concerns into decision-support tools for environmental management of finfish aquaculture. How can social science better guide environmental decision makers? Warwick Noble: Nearshore marine Aquatic	Claire Spillman: Climate proofing strategies using seasonal forecasting for Australian marine industries Paul Hedge: Engagement of Indigenous
14.10-14.30	2010 to 2016 throughout the Great Barrier Reef. Presented by Mathieu Mongin Paul G Thomson: Measuring the underwater light climate on the North West Shelf of Australia using IMOS Slocum gliders	effect of breeding constraints and environmental variation on diet in a central place forager Sven Uthicke: eDNA as a new tool to investigate extent and causes of Crown-of-Thorns seastar	Catriona Macleod: Incorporating community concerns into decision-support tools for environmental management of finfish aquaculture. How can social science better guide environmental decision makers? Warwick Noble: Nearshore marine Aquatic Ecosystem Condition Reports, AECR's or just another headache?	Claire Spillman: Climate proofing strategies using seasonal forecasting for Australian marine industries Paul Hedge: Engagement of Indigenous communities in marine research: A national-scale survey of marine researchers
	2010 to 2016 throughout the Great Barrier Reef. Presented by Mathieu Mongin Paul G Thomson: Measuring the underwater light climate on the North West Shelf of Australia using IMOS Slocum gliders Mark Baird: The biogeochemical state of the	effect of breeding constraints and environmental variation on diet in a central place forager Sven Uthicke: eDNA as a new tool to investigate extent and causes of Crown-of-Thorns seastar	Catriona Macleod: Incorporating community concerns into decision-support tools for environmental management of finfish aquaculture. How can social science better guide environmental decision makers? Warwick Noble: Nearshore marine Aquatic Ecosystem Condition Reports, AECR's or just another headache? Jason Hartog: Data delivery and decision-support	Claire Spillman: Climate proofing strategies using seasonal forecasting for Australian marine industries Paul Hedge: Engagement of Indigenous communities in marine research: A national-scale survey of marine researchers Cass Hunter: Packaging web portals for improved
14.10-14.30	2010 to 2016 throughout the Great Barrier Reef. Presented by Mathieu Mongin Paul G Thomson: Measuring the underwater light climate on the North West Shelf of Australia using IMOS Slocum gliders Mark Baird: The biogeochemical state of the Great Barrier Reef (2013-2016): results from a re-	effect of breeding constraints and environmental variation on diet in a central place forager Sven Uthicke: eDNA as a new tool to investigate extent and causes of Crown-of-Thorns seastar	Catriona Macleod: Incorporating community concerns into decision-support tools for environmental management of finfish aquaculture. How can social science better guide environmental decision makers? Warwick Noble: Nearshore marine Aquatic Ecosystem Condition Reports, AECR's or just another headache?	Claire Spillman: Climate proofing strategies using seasonal forecasting for Australian marine industries Paul Hedge: Engagement of Indigenous communities in marine research: A national-scale survey of marine researchers
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	Thursday 6th July			
	Session 1: Playhouse theatre	Session 2: Ballroom 1	Session 3: Ballroom 2	Session 4: Litchfield room
	Symposium S16			G5:Looking to the future
	Chair: Craig Steinberg			Chair: Claire Streten
14.50-14.55	PEP - Brendan Brooke: Coastal dynamics of			PEP - David Deeley: Indigenous Wisdom Can
	Northern Australia over the last three decades -			Inform Human Impact Detection and Mitigation
	preliminary insights from the Landsat Data Cube			for the Indian Ocean
14.55-15.00	PEP - Russ Babcock: Starbug-X: a Compact			PEP - Lincoln Wong: Respondent driven
	Autonomous Underwater Vehicle applied to			sampling (RDS) as a cost-effective method for
	surveys of deepwater reefs at Ningaloo			recreational fisheries: a trial with the Tasmania recreational rock lobster fishery
15.00-15.05	PEP - Hermerson Tonin: Application of a			PEP - Catriona Macleod: Broadscale
	hydrodynamic numerical model towards			Environmental Monitoring - What is it? Who does
	implementation of desalination plant at Palm			it? How does it fit in to Marine and Coastal
	Island, Queensland.			Management? and Can we do better?
15.05-15.10	PEP - Hermerson Tonin: Mass Coral bleaching in			
	the far northern region of the Great Barrier Reef			
	and Torres Strait – a numerical modelling study			

	18:30 - onwards	CONFERENCE GALA DINNER. Location Darwin Botanical Gardens
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	Friday 7th July
	Workshops
9:00-15:00	Furthering sea country research through advancing Indigenous collaborations with marine scientists' Location: Grand Ballroom, DoubleTree by Hilton Darwin Esplanade.
15:15 - 16:45	Getting published' Location: Charles Darwin University Waterfront, 21 Kitchener Dr, Darwin City.

	Saturday 8th July
	Workshop
11am – 7pm	Connectivity in coastal habitat utilisation workshop (includes Sea Darwin Sadgroves creek tour)'. Location: Charles Darwin University Waterfront, 21 Kitchener Dr, Darwin City.