

**TIMETABLE TUESDAY 11TH JULY 2006**

Start times	Session	HALL A						
8:30		<b>Ong Jin Eong</b> <i>Measuring and marketing mangrove carbon.</i> Chair: Colin Field						
9:30		Morning tea						
		AMSA PLENARY SESSION (CSIRO) (Chair: Alan Butler)						
10:00		<b>Roy, Craig:</b> <i>The Wealth from Oceans Flagship</i>						
10:15		<b>Loneragan, Neil</b> and Kate Wilson: <i>Reef use, biodiversity and socio-economics for integrated management strategy evaluation of Ningaloo</i>						
10:30		<b>McCindell, Andrew</b> (Commander RAN): <i>Project BLUElink – Ocean forecasting Australia</i>						
10:45		Discussion						
	Session:	Hall A	Session:	Room 4	Session:	Room 5	Session:	Room 6
		<b>Convenors &amp; Chairs: Chuck Nittrouer &amp; Peter Harris</b>		<b>Convenor: Bernie Degnan</b>		<b>Chair: Fred Wells</b>		<b>Chair: Anne Brearley</b>
11:00	SYMPOSIUM: Sediment transport	William E.Dietrich, <b>Charles A. Nittrouer:</b> Fly River discharge as an example of fluvial sediment supply to the Gulf of Papua	SYMPOSIUM: Evo- and eco-devo goes native	<b>Prowse, Thomas:</b> Fuels for development: Evolution of maternal provisioning in asterinid sea stars	Coastal Ecosystems	<b>Burns, Kathryn A</b> et al.: Organic biomarkers to determine the dispersion and potential for long range transport of the Sepik River outflow along the Papua New Guinea coast	Estuaries	<b>Collins, David:</b> Sustainable estuary management in eastern England
11:20		Ogston, <b>RW Sternberg</b> et al.: Sediment-transport processes operating on the variable morphology in the Gulf of Papua, Papua New Guinea		<b>Elia, Laura:</b> A role for Otx in the morphogenesis of the starfish body-plan		<b>Selman, Prof. Dr. Nader E:</b> Ecotoxicity in the southern marshes of Iraq: Their Impact on Riverine and Coastal Ecosystem		<b>Mondon, Julie</b> and John Sherwood: Good estuary: Bad estuary: determining the health of small intermittently-closed estuaries
11:40		Nittrouer, <b>Andrea Ogston,</b> et al.: Modern sediment accumulation in the Gulf of Papua		<b>Gunter, Helen,</b> Damian Koop and Bernie Degnan: Heat shock perturbs the Molluscan Organiser		<b>Szymczak, R</b> et al.: A kinetic approach for determination of coastal ecosystem contaminant and energy fluxes underpinned by nuclear and isotopic techniques		<b>Sherwood, John:</b> Environmental Flow Needs of SE Australian Estuaries
12:00		<b>DVD Presentation: AMSA2005 Silver Jubilee Awardee. Olley, June: Seafood technology for a rapidly changing world environment: A sixty year personal tour through the challenges</b>						
12:15		AMSA Annual General Meeting - Hall A						
1:00		Lunch		Lunch		Lunch		Lunch

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Session	Hall A	Session	Room 4	Session	Room 5	Session	Room 6	
1:20	<b>SYMPOSIUM: Sediment transport and accumulation from terrestrial sources to marine sinks</b>	<b>SYMPOSIUM: Evo- and Eco-devo goes native - local model animals in evolution and development</b>	Lunch	<b>Fish and Fisheries</b>	Lunch	<b>Estuaries</b>	Lunch	
			<b>Brunskill, Gregg J.</b> & John L. Pfitzner: Components of the annual sediment budget for the Gulf of Papua		<b>Chair: Bernie Degnan</b>		<b>Chair: Jack Greenwood</b>	<b>Chair: Kathryn McMahon</b>
1:40			<b>Aller, Josephine Y,</b> Daniel M Alongi and Robert C Aller: Benthic biological indicators of seasonal sedimentary dynamics in the Gulf of Papua		<b>Miller, David J</b> et al.: Progress in coral genomics – Ancestral complexity and maintenance of "non-metazoan" genes		<b>McKinnon, David:</b> Tropical seacage aquaculture – under threat from the environment?	<b>Arundel, Helen,</b> John Sherwood, Julie Mondon: EEMSS: A database for managers of intermittently closed estuaries
2:00			<b>Aller, Robert C.,</b> Vasso Alexandratos, Gregg Brunskill: Reverse weathering in the Gulf of Papua subaqueous delta		<b>Ball, Eldon:</b> Body Layers, Axes and Overlapping Developmental Pathways in Coral Development		<b>Frisch , Ashley:</b> The effects of clove oil (fish anaesthetic) on coral reefs: an experimental evaluation using the coral <i>Pocillopora damicornis</i>	<b>Muschal, Monika,</b> Edward A. Harris and Bruce P. Coates: The classification of New South Wales estuaries for water planning.
2:20			<b>Goñi, Miguel</b> et al.: Sources and fate of terrestrial and marine organic carbon in the Gulf of Papua		<b>Grasso, Lauretta</b> et al.: Microarray analysis of development in the coral <i>Acropora millepora</i>		<b>Fraser, Matthew</b> and Rocky de Nys: Vitamin C deficiency – a causative factor in spinal and opercula deformities in juvenile barramundi ( <i>Lates calcarifer</i> )	<b>Brearley, Anne:</b> Ernest Hodgkin's SWANLAND
2:40			<b>Droxler, André</b> et al.: Variable mixed carbonate-siliciclastic sedimentary sinks during last sea level cycle in Ashmore, Pandora, and Moresby Troughs, and on Eastern Plateau (Gulf of Papua)		<b>Reyes-Bermude, Alejandro</b> et al.: Cellular Mechanisms of coral calcification		<b>Feary, David:</b> Coral degradation and the structure of tropical reef fish communities	<b>Summers, Robert,</b> David Weaver and Simon Neville: Nutrient pollution in the Peel-Harvey Western Australia
3:00			<b>Opdyke , Bradley</b> et al.: A spectacular core yields important clues to the transgressive origin of barrier reefs on top of lowstand linear beach ridges in mixed carbonate-siliciclastic systems.		<b>Degnan, Bernie:</b> The sponge genome project and evolution of animal multicellularity		<b>Nevill, Jon:</b> Impacts of spearfishing on the marine environment	<b>Prior, Sheryn</b> and Lynnath Beckley: Recreational boating and fishing in the Blackwood Estuary, a proposed conservation area in south-western Australia
3:20			<b>Droxler, Andre</b> et al.: Early transgressive establishment of relict upper most pleistocene barrier reefs on LGM coastal siliciclastic deposits in the Gulf of Papua and Gulf of Mexico: clue to understand the mid brunhes global origin of modern barrier reefs		<b>Adamska Maja,</b> Marcin Adamski, Claire Larroux and Bernie Degnan: Wnt and TGF-Beta roles in embryonic patterning at the onset of animal evolution		<b>Lewis, Melanie,</b> Will Figueira and David Booth: Putting Bluefish on the map: diet and demography of <i>Girella cyanea</i> at Lord Howe Island, South-west Pacific	<b>Gale, Emma,</b> Charitha Pattiaratchi, and Roshanka Ranasinghe: The importance of sub tidal processes on the flushing and exchange of an intermittently open shallow coastal lake
3:40			<b>Harris, Peter T.:</b> Implications of MARGINS SS results to the environmental management of Torres Strait and the Gulf of Papua		<b>Adamski Marcin,</b> Maja Adamska and Bernie Degnan: Tracer – a local genome assembly pipeline and its application to genome of GBR demosponge Reniera		<b>Wasno, Bob M,</b> Stephen A. Bortone and Tomma Kay Barnes: Development of an optimum release strategy for Red Drum, <i>Sciaenops ocellatus</i> , in a southwest Florida estuary	
4:00	Afternoon tea	Afternoon tea	Afternoon tea	Afternoon tea				

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	<b>Chair: Arnold Dekker</b>		<b>Chair: Bernie Degnan</b>		<b>Chair: David McKinnon</b>		<b>Chair: John Sherwood</b>
4:30	<b>Renagi, Ora</b> , Peter Ridd and Thomas Stieglitz: Sediment export from the Markham River, Papua New Guinea	<b>SYMPOSIUM: Evo- and Eco-devo goes native - local model animals in evolution and development</b>	<b>Williams, Elizabeth</b> , Bernie Degnan and Sandie Degnan.: Uncovering the molecular basis of variation in settlement/metamorphosis in the abalone <i>Haliotis asinina</i>	<b>Fish and Fisheries</b>	<b>Peverell, Stirling Charles</b> , Jason Stapley and Neil Gribble: Age and Growth of four Pristid species common to the Queensland Gulf of Carpentaria, Australia.	<b>Estuaries</b>	<b>Ingleton, Tim</b> et al.: Interferometric sidescan sonar - a tool for rapid assessment of benthic habitats for NSW Marine Parks
4:50	<b>Beaman, Robin J.</b> : Surficial geology and deepwater habitats of the northern Great Barrier Reef		<b>Lucas, Tim</b> , Michael McBeth, Wayne Knibb, Sandie Degnan and Bernard Degnan: Molecular characteristics and heritability of growth in the tropical abalone <i>Haliotis asinina</i>		<b>Rose, Cassandra</b> : Bycatch in the Torres Strait Prawn Trawl Fishery		<b>Ross, Pauline</b> , Brendan Haine and Susan Siegenthaler: Saltmarsh as habitat for gastropod assemblages
5:10	<b>Williams, Stefan B</b> et al. : Autonomous underwater vehicle surveying on the north west continental shelf of Australia		<b>Coleman, Melinda A &amp; Susan H.</b> Brawley: A novel mechanism of dispersal promotes gene flow in a rockpool alga despite habitat and reproductive isolation		<b>Holme, May-Helen</b> , Chaoshu Zeng, Paul C. Southgate: Ontogenetic changes in lipid and fatty acid composition of mud crab, <i>Scylla serrata</i> , larvae		<b>England, Phillip</b> , Julia Phillips, Jason Waring, Russ Babcock: Linking physics and ecology in marine environments: modelling waves and benthic habitat in WA coastal waters
5:30	<b>Romanescu, Gheorghe</b> : Genesis and Morphology of the Razim-Sinoie Barrier Spit (Romania)		<b>Richards, Zoe</b> et al.: Molecular phylogenetics of geographically restricted <i>Acropora</i> species: implications for conservation genetics		<b>Jacobs, John M</b> and Christopher Ottinger: Mycobacteriosis in wild marine fishes: a synthesis of current understanding		<b>Oakes, Joanne M.</b> , Rod M. Connolly and Andrew T. Revill: Enriched carbon isotope labelling to trace the contribution of benthic microalgae to the nutrition of consumers in mangrove forests
5:50			<b>Seneca, Francois</b> , Madeleine van Oppen and David Miller: Microarray analysis of gene expression in <i>Acropora millepora</i> during a natural bleaching event		Gianni, Matthew and <b>Jon Nevill</b> . The impacts of high seas bottom trawl fisheries.		<b>Gaston Troy</b> , Thomas Schlacher and Rod Connolly: Can small estuaries supply extra carbon to marine fish and decapods?
6:10			<b>Degnan, Sandie</b> et al.: Larval gene expression analysis reveals adaptive evolution in geographic populations of the ascidian <i>Herdmania momus</i>				
6:30	<b>End of Sessions</b>				<b>End of Sessions</b>		
7:00	<b>Student Night : Palm Court Terrace, Hilton Esplanade</b>						