

WAMSI Node 1

CSIRO Auditorium

Underwood Ave, Floreat

3rd Symposium

Thursday 29 July 2010

8.30 am – 5.30 pm

Time	Subject	Speaker
8.30 am – 8.55 am	Registration (in the Foyer/Reception at CSIRO)	coffee / tea provided
8.55 am – 9.00 am	Welcome by Dr Steve Blake (CEO, WAMSI)	
9.00 am – 9.10 am	Overview by Dr John Keesing, Node 1 Leader	
9.10 am – 9.30 am	Overview of lagoon and shell scale measurements & modelling – A 4-D perspective - modelling in WAMSI Node 1	1 Dr Peter Craig CSIRO
9.30 am – 9.50 am	Simulations of the Leeuwin Current System and wave-driven flows in the Marmion lagoon	2 Dr Liejun Zhong CSIRO
9.50 am – 10.20 am	Bio-physical modelling of the marine ecosystem at shelf and lagoon scales (30 min)	3 Dr Jim Greenwood CSIRO
10.20 am – 10.50 am	MORNING TEA [30 minutes] MEZZANINE FLOOR	
10.50 am – 11.05 am	What determines the February-April sea surface temperature off the lower west coast of WA?	4 Dr Ming Feng CSIRO
11.05 am – 11.25 am	Contrasting phytoplankton and nutrient supply temperature off the lower west coast of WA?	5 Dr Peter Thompson CSIRO
11.25 am – 11.45 am	Stable habitat mosaics in temperate reef ecosystems; kelp patch dynamics in southern Australia.	6 Dr Russ Babcock CSIRO
11.45 am – 12.05 pm	Primary Production of microphytobenthos (MPB)	7 Dr Martin Lourey CSIRO
12.05 pm – 12.25 pm	What have we learnt about benthic ecosystems from SRFME and WAMSI	8 Dr Mat Vanderklift CSIRO
12.25 pm – 1.20 pm	LUNCH [1 hour] MEZZANINE FLOOR	
1.20 pm – 1.40 pm	The influence of hydrodynamics on marine biodiversity: population structure, gene flow and species diversity	9 Dr Phillip England CSIRO
1.40 pm – 2.00 pm	Zooplankton Communities: biomass, growth and feeding	10 Joanna Strzelecki CSIRO
2.00 pm – 2.20 pm	Recruitment limitation in the seagrass <i>Amphibolis antarctica</i>	11 David Rivers (PhD) - UWA
2.20 pm – 2.40 pm	Wave-driven hydrodynamics through submerged kelp canopy in a rocky reef system	12 Eloise Brown (PhD) - UWA

2.40 pm – 3. 20 pm	<i>AFTERNOON TEA</i>	<i>[30 minutes]</i>	<i>MEZZANINE FLOOR</i>	
3.20 pm – 3.40 pm	Indicators of resource condition for selected WA coastal benthic systems	13		Fiona Graham CSIRO
3.40 pm – 4.00 pm	Towards improved use of acoustics in shallow water benthic habitat characterisation in south-western Australia	14		Ryan Downie CSIRO
4.00 pm – 4.15 pm	Recovery of fauna following disturbance in a Amphibolis seagrass system	15		Adam Gartner (PhD) - ECU
4.15 pm – 4.20pm	<i>Closing comments by Dr Steve Blake</i>			
4.20pm – 5.30 pm	<i>Afternoon drinks on the Mezzanine Floor</i>			