

Dynamic Coasts – their response to human and climate drivers

Ocean Room, Central Building, UOW Innovation Campus North Wollongong

SYMPOSIUM PROGRAM

(correct at time of publication, subject to change)

Day One – Wednesday 7 February 2024

8.30am	Workshop Registration Tea/ Coffee available
9am	Acknowledgment of Country and Welcome Kerrylee Rogers, Director, Environmental Futures Research Centre, UOW
9.10am	UOW's Coastal Research in Perspective Bruce Thom, University of Sydney
9.25am	Beaches and Dunes – Theme Lead Kerrylee Rogers <ul style="list-style-type: none">• Andy Short – Beach Types and Coastal Erosion• Mitch Harley – Narrabeen/ Collaroy• Roger McLean– Moruya• Rafael Carvalho – Sediment Budget in the Shoalhaven
10.15am	Discussion

10.45am - 11.15am Morning Tea

11.15am	Morphodynamics and Modelling – Theme Lead Colin Woodroffe <ul style="list-style-type: none">• Colin Murray Wallace – Sea Level Rise• Tom Oliver – Conceptual Model[s] based on Past Chronology• Mike Kinsela – Morphodynamic Modelling• David Wainwright – Hazard Modelling• Oxana Repina - Modelling Shoreline Change
12.15pm	Discussion

12.45pm – 1.30pm Lunch

1.30pm	Estuaries – Theme Lead Jeff Kelleway <ul style="list-style-type: none">• Colin Woodroffe – Tropical Estuaries• Brian Jones – South Coast Estuaries• Kristian Kumbier– Estuarine Hydrodynamics• Dave Hanslow– Inundation Vulnerability• Kerrylee Rogers – Estuaries, Sea-Level Rise and Ecosystem Services
2.40pm	Discussion

3.10pm – 3.40pm Afternoon Tea

3.40pm	Coastal Wetlands– Theme Lead Kerrylee Rogers <ul style="list-style-type: none">• Cath Lovelock –Blue Carbon• Neil Saintilan – Response to Sea Level Rise• Richard Lucas – Mapping and Remote Sensing• Jeff Kelleway – Supratidal Wetlands
4.30pm	Discussion
5pm	Wrap up Kerrylee Rogers, Director, Environmental Futures Research Centre, UOW
5.10pm	Close

6.30pm Dinner (optional) - Lagoon Seafood Restaurant

Day Two – Thursday 8 February 2024

8.30am	Venue open with tea/ coffee available
9am	Welcome back and any housekeeping Kerrylee Rogers, Director, Environmental Futures Research Centre, UOW
9.10am	Rocky Coasts and Nearshore Environments - Theme Lead Colin Murray-Wallace <ul style="list-style-type: none"> • Mark Dickson –Shore Platforms • Bruce Thom – Rocky Nearshore • Michelle Linklater – The Illawarra Nearshore • Alysha Johnson – Rocky Coasts on Volcanic Islands • Hannah Power – Rocky Coast Hazards
10.10am	Discussion

10.35am – 11.05am Morning Tea

11.05am	Reefs and their Low Lying Islands - Theme Lead Sarah Hamylton <ul style="list-style-type: none"> • Sarah Hamylton - Sea-Level Rise and Sustainable Living on Low Islands • Stephanie Duce - The Sand Cays of the Great Barrier Reef • Tommy Fellowes - Low Coral Islands Exposure to Climate Threats • Joshua Bonesso - The History and Future of Reef Islands in the Pilbara • Nikki Browne - Predicting Responses of Reefs and Islands to Climate Change
12.05pm	Discussion

12.30pm – 1.20pm Lunch

1.20pm	Indigenous Knowledge of Coastal Landscapes – Theme Lead Andrew Williams <ul style="list-style-type: none"> • Sarah Hamylton – Five Islands Dreaming (Film) • Mitch Gibbs - Incorporation of Indigenous Knowledge into Research and Management • Javier Leon - Community Based Island Research • Kyah Chewying - Braiding Traditional Knowledge and Western Coastal Science
2.10pm	Discussion

2.35pm – 3.10pm Afternoon Tea

3.10pm	The Role of Science in Management – Theme Lead Kerrylee Rogers <ul style="list-style-type: none"> • Danny Wiecek – What Science has been used/ is needed to develop Coastal Management Programs? • Isabelle Ghetti - What Science has been used/ is needed to manage coastlines by local councils? • Tom Doyle - Beach-Foredune and Vegetation Science and its Implications for Management • Norm Lenehan – Science used to inform the Management of Batemans Marine Park • David Kennedy – Evidence-Informed Science for Future Coasts
4.10pm	Discussion
4.40pm	Closing Comments Colin Woodroffe and Kerrylee Rogers
5pm	Finish