



CONFERENCE PROGRAM

(subject to change)

Joint National Coast to Coast and QLD Coastal Conference
Embracing our Coastal Lifestyle: Connecting our experiences with the future
4 – 6 June 2025
Mantra on View Surfers Paradise, Gold Coast, QLD


Day One – Wednesday 4 June 2025

8.00am Conference Registration, Boulevard Foyer

9.10am – 10.30am **Session 1 – Opening Plenary**
Location: Boulevard 1 & 2
Chair: Paul Prenzler

- 9.15am Welcome to Country
- 9.20am Conference Welcome
Emeritus Professor Nick Harvey, Chair and Director, Australian Coastal Society
- 9.30am **Honourable Andrew Powell MP**, Minister for Environment and Tourism, Minister for Science and Innovation Address (video)
- 9.35am Conference Welcome and Official Opening
Mayor Tom Tate, City of Gold Coast
- 9.50am From Surprise to Strategy: Futures Thinking for Coastal Adaptation
Associate Professor Johanna Nalau, Griffith University

10.30am – 11.00am Morning Tea

Session 2 11.00am–12.35pm	2A: Coastal legislation and governance	2B: Management of marine resources	2C: Nature on the coasts
Location:	Boulevard 1	Boulevard 2	Boulevard 3
Chair:	Bruce Thom	Paul Prenzler	Andrew Pomeroy
Session 2 Sponsored by: 			
11.00am – 11.20am	Sea Level Rise Adaptation Policies: A Review of Barriers, Drivers, and Enablers Suhyun An Griffith University	Towards continental scale coastal ecosystem mapping in Australia utilising Earth Observation data Stephen Sagar Geoscience Australia	11.00am – 11.10am Overcoming barriers of coastal Nature Based Solutions Dan Rodger JB Pacific Scientists & Engineers 11.10am – 11.20am Nature Based Solution for Terminal Erosion Tessa Syvertsen FSC Range
5 minute	Changeover	Changeover	Changeover
11.25am – 11.45am	Is Australia's oldest coastal legislation still effective? Nick Harvey University of Adelaide	Optimising tide predictions for Australia: an ensemble satellite Earth Observation approach Robbi Bishop-Taylor Geoscience Australia	11.25am – 11.35am Greenmount Headland: Balancing engineering and natural landscapes in a high stakes environment Chloe Broom City of Gold Coast

			11.35am – 11.45am Urban Dunes as a Coastal Defence: Lessons from Queensland's Shorelines Sam King <i>International Coastal Management</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
11.50am – 12.10pm	Designing climate adaptation legislation for Aotearoa New Zealand Raewyn Peart <i>Environmental Defence Society</i>	Accepted development can provide a self-assessable toolbox of authorisations for restoration Nikki Moore <i>QLD Department of Primary Industries, Fisheries Queensland</i>	11.50am – 12.00pm Natural Capital Accounting – driving innovation in marine and coastal management Leia Howes <i>Great Ocean Road Coast and Parks Authority</i>
			12.00pm – 12.10pm Local Shrubby Samphire Recovery Plan Warrick Barnes <i>Green Adelaide</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
12.15pm – 12.35pm	Tasmania's statutory State Coastal Policy faces its sternest test after 29 years Chris Rees <i>Australian Coastal Society - TAS</i>	Fish Habitat Area (FHA) Revocation – When policy and practicality don't align Tonia Richard <i>Marine Approval Specialists</i>	12.15pm – 12.25pm Beneficial reuse of dredge spoil: The NSW Marine Estate Strategy in action David Cummings <i>H2O Consulting Group</i>
			Lightning Poster Talks Wonder Reef Dive Attraction – a new type of 'high rise' for the Gold Coast, Kristy Konings Urban Development and Environmental Impacts of Land Reclamation in Vietnam Coastal Areas Vinh Bui
12.35pm – 1.30pm Lunch - ACS Meeting, Boulevard Room 2			
Session 3 1.30pm – 3.05pm	3A: Managed retreat and coastal assets	3B: Coastal management	3C: Applied coastal management (engineering)
Location:	Boulevard 1	Boulevard 2	Boulevard 3
Chair:	Abby Issell	Marcello Sano	Gildas Colleter
1.30pm – 1.50pm	Creating space: Interactive discussion on challenges / opportunities to develop tools for 'retreat' implementation Liz Patterson <i>Alluvium Consulting</i>	Manly Lagoon dissolved oxygen – Don't mix it up! Daniel Gilbert <i>UNSW Water Research Laboratory</i>	Multi-disciplinary, operational, online system for monitoring and managing coastal change and resilience Magnus Wettle <i>Eomap Australia</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
1.55pm – 2.15pm	The Do's and Don'ts of Relocation: Lessons in Managed Retreat Richard Sharp <i>Water Technology</i>	Managing shoreline erosion along a 320 km coastline: where to start? Heiko Loehr <i>Bluecoast Consulting Engineers</i>	Numerical Modelling of Complex Coastal Morphology Hoan Nguyen <i>Haskoning</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>

2.20pm – 2.40pm	Who Pays? Emerging possibilities for resourcing managed retreat Aysin Dedekorkut-Howes <i>Griffith University</i>	Enabling Practical Action: Victorian State of the Marine and Coastal Environment Report Scott Rawlings <i>Commissioner for Environmental Sustainability</i>	State of the Art - Bathymetric Technologies for Coastal Applications Sean McCagh Sandmap
5 minute	Changeover	Changeover	Changeover
2.45pm – 3.05pm	Temporary Solutions, Lasting Resilience: The Role of Sunset Clauses in Climate-Adapted Planning Richard Sharp <i>Water Technology</i>	Designing coastal protection works for future adaptation: A design framework Jared Stewart <i>City of Moreton Bay</i>	The Future of South Australian Recreational Jetties Adam Gray <i>South Australian Coastal Councils Alliance</i>
3.05pm – 3.30pm Afternoon Tea			
Session 4 3.30pm – 5.05pm	4A: Coastal adaptation and resilience	4B: Sustainable coastal environments	4C: Catchment to coast - the estuary interface
Location:	Boulevard 1	Boulevard 2	Boulevard 3
Chair:	Zoe Elliott-Perkins	Chloe Broom	Tony McAlister
3.30pm – 3.50pm	Longshore sediment transport under climate change on the Gold Coast Guilherme Vieira Da Silva <i>Griffith University</i>	Wonder Reef Dive Attraction - a prototype for Blue Futures Kristy Konings <i>City of Gold Coast</i>	National Estuary Program--a way forward Bruce Thom <i>University of Sydney</i>
5 minute	Changeover	Changeover	Changeover
3.55pm – 4.15pm	Gold Coast Beaches Resilience Scheme Fernando Alvarez <i>City of Gold Coast</i>	Here Now Be Dragons... rewilding coastal dragons Tony Flaherty <i>Green Adelaide</i>	Banking on data: can 2000km of estuary mapping improve estuary decision making? Damon Telfer <i>Fruition Environmental</i>
5 minute	Changeover	Changeover	Changeover
4.20pm – 4.40pm	Gold Coast Beaches Resilience Scheme: sand budget and base case projections Evan Watterson <i>Bluecoast Consulting Engineers</i>	Coastal impact of wave energy converters: Emerging trends James Thompson <i>Griffith University</i>	Sea level rise in estuaries – the risk of rising low tides Alice Harrison <i>UNSW Water Research Laboratory</i>
5 minute	Changeover	Changeover	Changeover
4.45pm – 5.05pm	Mapping the frequency of coastal storm-tide flood years Julian O'Grady <i>CSIRO</i>	Surfing Infrastructure Masterplan (SIM) Scott Gillies <i>City of Gold Coast</i>	Mapping elevation and change in Australia's complex coastal environments with satellite imagery Claire Phillips <i>Geoscience Australia</i>
Close of Day One			
7.00pm – 10.00pm	Our Coastal Lifestyle Launch , Sponsored by City of Gold Coast <i>Surfers Paradise Surf Life Saving Supporters Club</i>		

Day Two – Thursday 5 June 2025

8.00 am Conference Registration, Boulevard Foyer

8.30am – 10.15am	Session 5 – Plenary Location: Boulevard 1 & 2 Chair: Zoe Elliott-Perkins
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8.30am	Welcome to Day Two
8.35am	Waterways Management in a Fast-Growing City Chris Derksema , <i>Gold Coast Waterways Authority</i>
8.55am	Facilitating coastal adaptation Dr Murray Townsend , <i>Climate Change Policy, Adaptation and Risk Division, DCCEEW</i>
9.15am	Science that drives protection of the Great Barrier Reef Dr David Wachenfeld , <i>Australian Institute of Marine Science</i>
9.50am	City of Gold Coast TC Alfred Impacts and Response Matt Moore , <i>City of Gold Coast</i>

10.15am – 10.45am	Morning Tea
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Session 6 10.45am – 12.45pm	6A: Coastal planning	6B: Creative Coastal communities: Local knowledge, community groups and caring for Sea Country	6C: Applied coastal management (engineering)
Location:	Boulevard 1	Boulevard 2	Boulevard 3
Chair:	Aysin Dedekorkut-Howes	Nick Lewis	Stuart Bettington
10.45am – 11.05am	The SLSC location quandary – is a specific planning policy needed? Natalie Patterson <i>Haskoning</i>	Co-designing Blue Carbon Projects with Yuwi Traditional Custodians – Cape Palmerston Lynise Wearne <i>Greening Australia</i>	Potential for Sand Backpass Systems in Tropical Queensland Dan Rodger <i>JB Pacific Scientists & Engineers</i>
5 minute	Changeover	Changeover	Changeover
11.10am – 11.30am	Using AI to navigate the planning and approvals process for coastal works Nicole Prentice <i>UPRS</i>	But how severe is the threat of erosion? Assessments from NSW estuaries James Daley <i>Fruition Environmental</i>	Woorim Beach sand back-passing system evolution: insights from comprehensive monitoring and modelling Daniel Wishaw <i>BMT</i>
5 minute	Changeover	Changeover	Changeover
11.35am – 11.55am	Making effective use of consultants in coastal adaptation planning Anne Leitch <i>Griffith University</i>	A tern for the better: First Nation collaborations to protect small terns Kerri Bartley <i>Birdlife Australia</i>	Optimising the Tweed Sand Bypassing Operating Model Matthew Harry <i>TfNSW</i>
5 minute	Changeover	Changeover	Changeover
12.00pm – 12.20pm	Kingscliff: will five decades of research and planning help manage future risks? Jane Lofthouse <i>Tweed Shire Council</i>	Overcoming human-wildlife conflict for sustainable recovery of beach-nesting birds in coastal Australia Grainne Maguire <i>Birdlife Australia</i>	Balancing modern recreational boating needs with community feel by reimagining wave screens Andrew Pomeroy <i>FSC Range</i>
5 minute	Changeover	Changeover	Changeover
12.25pm – 12.45pm	Putting a dollar value on coastal adaptation actions – lessons and insights	12.25pm – 12.35pm Changing communities and changing coasts:	Designing for boat generated waves and sea in estuaries Rick Plain

	Martijn Gough <i>Ricardo</i>	CoastAdapt community engagement 8 years on. Kathleen Broderick <i>Australian National University</i>	<i>Moffat & Nichol</i>
		12.35pm – 12.45pm Planning for change – community engagement on tidal inundation Jordan Vickers <i>Tweed Shire Council</i>	
12.45pm – 1.35pm	Lunch		
Session 7 1.45pm – 5.00pm	Field Trips (Include Afternoon Tea)		
5.00pm	Close of Day Two		
7.00pm – 11.30pm	Conference Dinner, Boulevard Ballroom		

Day Three – Friday 6 June 2025

8.30am Conference Registration, Boulevard Foyer			
Session 8 9.00am – 10.35am	8A: State Coastal adaptation programs	8B: Applied coastal management (engineering)	8C: Coastal management and adaptation 10 minute Presentations
Location:	Boulevard 1	Boulevard 2	Boulevard 3
Chair:	Anne Leitch	Rick Plain	Chris Rees
9.00am – 9.20am	Three barriers to long-term strategic adaptation Elisa Zavadil <i>Victorian Government - DEECA</i>	Selecting beach profiles for storm erosion modelling from 60 years of data Oxana Repina <i>Griffith University</i>	9.00am – 9.10am A New Coastal Fortification Technology Rob Gell, <i>London Underground</i>
			9.10am – 9.20am Five Years of 'Tide to Tip': Industry-Led Cleanups Driving Marine Stewardship Laura Stoltenberg <i>Oceanwatch Australia</i>
5 minute	Changeover	Changeover	Changeover
9.25am – 9.45am	Coastal hazard adaptation in Queensland: QCoast2100 10 years on Emma Schofield <i>Local Government Association of Queensland & Sel Sultmann Department of Environment, Tourism, Science, and Innovation</i>	Innovative Coastal Management: The Role of Pilot Projects in Building Resilience Angus Jackson <i>International Coastal Management</i>	9.25am – 9.35am Rocky Reef Recovery: Assessing long-term ecological response of a nearshore reef community Liz West, Ecological Service Professionals
			9.35am - 9.45am Adapting to the Bribie Island Breakthrough - Jellicoe Street, Golden Beach Sam Cook <i>Sunshine Coast Council</i>
5 minute	Changeover	Changeover	Changeover
9.50am – 10.10am	A Comparison of State Coastal Management Programs in Australia Aysin Dedekorkut-Howes <i>Griffith University</i>	Stability of rock armoured structures in shallow water Amir Etemad Shahidi <i>Griffith University</i>	9.50am – 10.00am Impacts of Storm Group Sequence on Initial Beach Profiles Ye Htet Oo, Water Technology
			10.00am – 10.10am Optimising Storm Surge Response with a Tropical Cyclone Decision Support System Gaelle Faivre, <i>Griffith University</i>
5 minute	Changeover	Changeover	Changeover
10.15am – 10.35am	Developing multi-hazard risk and resilience climate services using machine learning. A case study in Northern NSW Marcello Sano, <i>Griffith University</i>	Erosion in the Lake Illawarra Entrance Channel Margot Mason <i>UNSW Water Research Laboratory</i>	10.15am – 10.25am Storm Surge modelling of the cyclones in the Gulf of Carpentaria Aliasghar Golshani <i>Griffith University</i>
			10.25am – 10.35am Variability of beach profile morphotypes in estuaries and bays under different hydrodynamics Md Yousuf Gazi <i>University of Sydney</i>

10.35am – Morning Tea 11.00am			
Session 9 11.00am – 12.35pm	9A: Coastal adaptation and resilience	9B: Mangrove management	9C: 10 Minute presentations
Location:	Boulevard 1	Boulevard 2	Boulevard 3
Chair:	Nick Harvey	Liz West	Tessa Syvertsen
11.00am – 11.20am	Cape to Cape Resilience Project: Implementing Victoria's first regional coastal adaptation plan Cassandra Philippou <i>Victorian Department of Energy, Environment and Climate Action & Phebe Bicknell, Alluvium Consulting</i>	Shoreline Mangrove Offset Project – the Journey from Concept to Reality Tony McAlister <i>Water Technology</i>	11.00am – 11.10am Benefits, challenges and lessons learned of establishing Drone Monitoring Program Craig Perry <i>Peron Naturaliste Partnership</i>
			11.10am – 11.20am Drawing a line in the sand – Whitsunday shoreline benchmarking. Scott Hardy <i>Whitsunday Regional Council</i>
5 minute	Changeover	Changeover	Changeover
11.25am – 11.45am	Strengthening Coastal Biosecurity: Protecting Ecosystems, Industries, and Communities for a Resilient Future Phoebe Arbon <i>James Cook University</i>	Engineering Positive Outcomes for Mangroves Stuart Bettington <i>Haskoning</i>	11.25am – 11.35am Coastal Conservation on the Sunshine Coast, Qld Simone Bosshard <i>Sunshine Coast Council</i>
			11.35am – 11.45am Science Communication in the Victorian Coastal Monitoring Program Blake Allan, Department of Energy Environment and Climate Action
5 minute	Changeover	Changeover	Changeover
11.50am – 12.10pm	Recent trends, successes, and ongoing barriers to implementation in nature-focused approaches to coastal resilience Nick Lewis, <i>Moffat & Nichol</i>	Modelling Tidal Flow Reengagement and Mangrove Nutrient Uptake Jenna Johnston <i>Water Technology</i>	11.50am – 12.00pm Alternative options for coastal asset monitoring and inspection through iPhone LiDAR technology Isaac Goessling <i>Water Technology</i>
			12.00pm – 12.10pm Enhancing Marina Operations Through Advanced Dredging and Maintenance Techniques George Freeman <i>International Coastal Management</i>
Session 10 12.10pm – 12.30pm	Session 10 – Plenary Location: Boulevard 2 Chair: Bruce Thom		
12.10pm – 12.30pm	Conference Wrap Up Emeritus Professor Bruce Thom, Australian Coastal Society		
Conference Close			
12.30pm – 1.30pm	Lunch		