



Australasian Mangrove and Saltmarsh Network Conference
3 – 6 November 2025
University of Waikato, Tauranga, NZ

Start time	Day 1 Monday 3 November	Presenter
0800	Registration desk open – Level 2 <i>Main Foyer, UoW Tauranga Campus, Durham St</i>	
0900	Mihi Whakatau – Room 2.03 – Session Chair: Andrew Swales ESNZ	
0915	Significance of coastal wetlands – a Māori perspective	Niketi Toataua
0920	Conference committee welcome and housekeeping	Andrew Swales
0930	Welcome from BOP RC	Chris Ingle
0945	AMSN announcements and updates	Norm Duke
1000	Morning Tea Kai whakanoa	
1030	Session Chair: Phoebe Stewart-Sinclair ESNZ Opening Keynote - Elizabeth Macpherson Setting an Agenda for Equity and Justice in the Design of Blue Carbon Laws	
Biodiversity, blue carbon and restoration		
1100	A thriving Waihi estuary, catchment and community	Roana Bennett
1115	A history of mangrove management in Tauranga harbour	Jackson Efford
1130	Restoring the Kaituna river and Maketu estuary through partnership and innovation	Pim DeMonchy
1145	Migration of coastal wetlands under sea level rise in Aotearoa New Zealand	Phoebe Stewart-Sinclair
1200	Quantifying the effects of habitat restoration: stable isotopes and imaging sonars	Troy Gaston
1215	Linking Vegetation, Infauna, and Sediment Recovery in Restored Saltmarsh Ecosystems	Hannah Wesley
1230	Lunch	



TAURANGA





Australasian Mangrove and Saltmarsh Network Conference
3 – 6 November 2025
University of Waikato, Tauranga, NZ

Biodiversity, blue carbon and restoration <i>Session Chair: Chris Tanner ESNZ</i>		
1330	Blue Carbon in Australia – insights from past and future actions to enhance climate resilience	Catherine Lovelock
1345	Potential contribution of blue carbon ecosystems to Aotearoa New Zealand's climate change response	Richard Bulmer
1400	Utility of Bayesian network-derived synthetic data for modelling blue carbon restoration	Valerie Kwan
1415	Reducing disturbance of wetlands by managing ungulates — developing a new carbon abatement method for the Australian market	Jack Hill
1430	Depth and tidal variability of dissolved organic matter in semi-arid mangrove soils	Naïna Mouras
1445	Pre-restoration Greenhouse Gas Exchange in a Low Salinity Coastal Wetland, Southeast Australia	Stephen Rigney
1500	Measuring Soil Organic Carbon in Coastal Acid Sulfate Soils via Mid-infrared Spectroscopy in the Field	Julie Tan
1515	Afternoon tea	
Biodiversity, blue carbon and restoration <i>Session Chair: Orlando Lam-Gordillo ESNZ</i>		
1600	Phosphorus and mangrove vulnerability assessment using a novel application of leaf eco-physiology to ecosystem science	Ken Krauss
1615	Scaling up and scaling out biodiversity monitoring using automation in coastal wetlands	César Herrera
1630	Prioritising sites for coastal restoration based on a diversity of societal, cultural and ecological outcomes	Carolyn Lundquist
1645	National Supratidal and Coastal Lowland Forest extent map for Australia	Chris Owers
1700	Welcome drinks and poster session – <i>Room 1.07</i>	



T A U R A N G A





Australasian Mangrove and Saltmarsh Network Conference
3 – 6 November 2025
University of Waikato, Tauranga, NZ

Poster presentations	
Mapping and biomass estimation of <i>Tecticornia arbuscula</i> and <i>Salicornia quinqueflora</i> using aerial remote sensing	Kieren Beaumont
Monitoring coastal wetlands and advancing blue carbon research in the Bay of Plenty	Shay Dean
OzSET: A coordinated regional approach to monitoring vertical elevation trends in tidal wetlands	Madeline Goddard
Tidal position of coastal blue carbon habitats in Aotearoa New Zealand and persistence under SLR	Orlando Lam-Gordillo
Spatial model demonstrates the buffering capacity of saltmarsh habitat under increasing sedimentation	Grady Petersen
Mangroves Above-Ground Carbon Estimation in Two Different National Parks of Indonesia	Seftiawan Samsu Rijal
Comparative trace metal accumulation and environmental risk in natural and a constructed wetland in Queensland	Iresha Sumudumali
Spatial Modelling and Quantification of Blue Carbon in A South-Eastern Australian Coastal Wetland	Julie Tan
Do microbial communities remember? Legacy of nutrient enrichment in subsurface bacterial communities.	Timothy Thomson
Pollution, Biodiversity, and Blue Carbon: Lessons from UK Saltmarshes to Inform Restoration in New Zealand	Rachel Asouzu
Potential restoration sites in Bay of Plenty for saltmarsh in a changing climate	Kirsty McGregor
Urban runoff accelerates leaf litter decay in semi-arid mangrove forest	Sarah Robin & Naina Mouras



T A U R A N G A





Australasian Mangrove and Saltmarsh Network Conference
3 – 6 November 2025
University of Waikato, Tauranga, NZ

Start time	Day 2 Tuesday 4 November	Presenter
0800	Registration Desk open	
0845	Welcome and housekeeping <i>Session Chair: Phoebe Stewart-Sinclair</i>	
0900	Keynote Speaker – Jeff Kelleway Beyond the Mangroves and Marshes: the diverse world of tidal forested wetlands	
	Climate change, wetland stressors, responses and adaption <i>Session chair: Courtney Bell BOP Regional Council</i>	
0930	Safeguarding coastal biodiversity across the Pacific Island region by building capacity amongst communities and governments	Norm Duke
0945	Forests on the brink: exploring the fate of a Pacific atoll mangroves under rising seas.	Andrew Swales
1000	An allometric equation for supratidal swamp paperbark <i>Melaleuca halmaturorum</i>	Sabine Dittmann
1015	Ten years after: tracking the recovery of extreme mangrove dieback in Australia's Gulf of Carpentaria	Gabriela Thompson Saud
1030	Morning tea	
	Climate change, wetland stressors, responses and adaption <i>Session Chair: Rigoberto Sanchez Medina BOP Regional Council</i>	
1100	Lunar Nodal Cycle intensifies mangrove extent and condition loss in Limmen delta, Gulf of Carpentaria	Rogério Goncalves
1115	The economic feasibility of Nature-based solutions: return on investment of salt marsh, mangrove, and seagrass	Zoe Qu
1130	Projecting coastal wetland extent under sea-level rise: Implications for land-use planning in a tidal embayment	Laura Mogensen
1145	Short and long-term scenarios for managed realignment of coastal farmland impacted by sea level rise	Chris Tanner
1200	Storm Tides as Catalysts for Vegetation Shifts in a Mangrove–Saltmarsh Ecotone	Sanne Vaassen
1215	Integrating Deep Learning and Remote Sensing for Improved Fire Severity Modelling in Coastal Wetlands	Zixuan Wang
1230	Monitoring the Effects of Coastal Squeeze on Coastal Wetlands	Cate Ryan
1235	Developing mangrove restoration as nature-based solution in Central Queensland	Charles Cadier
1240	A framework for urban saltmarsh restoration projects in Tasmania	Ellie Green
1245	Transforming coastal lowland systems threatened by sea-level-rise into prosperous communities	Scott Stephens
1300	Lunch	



TAURANGA





Australasian Mangrove and Saltmarsh Network Conference
3 – 6 November 2025
University of Waikato, Tauranga, NZ

Indigenous and community perspectives <i>Session Chair: Shay Dean BOP Regional Council</i>		
1400	Resilience in action: Insights from Māori-led adaptation to natural hazards and climate change	Akuhata Bailey-Winiata
1415	Blue Heart Sunshine Coast - Blue Carbon Trial	Sonia Marshall & Brian Warner
1430	Blue Heart Sunshine Coast - Landholder and Kabi Kabi Peoples perspectives	Sonia Marshall & Brian Warner
Biophysical processes and morphology		
1445	New Zealand tidal marsh species response to sea-level rise induced inundation. A marsh organ experiment	Inigo Zabarte-Maeztu
1500	Landscape-scale interactions between channels and vegetation and tidal flow around an estuarine-riverine shoal	Karin Bryan
1515	From mud to sand? Sediment dynamics after mangrove removal in a low-energy environment	Yiming Wu
1530	Afternoon tea	
Biophysical processes and morphology <i>Session Chair: Jackson Efford BOP Regional Council</i>		
1600	Climate trade-offs: greenhouse gas emissions from natural and constructed intertidal treatment wetlands.	Fernanda Adame
1615	Wood boring of the Shrubby Samphire and not so boring biodiversity	Kieren Beaumont
1630	Buffering the rising tide: mangrove surface elevation response to accelerating sea-level rise in northern Australia	Madeline Goddard
1635	A new parasite species of a nationally threatened host plant, <i>Tecticornia flabelliformis</i>	Malcolm Worthing
1640	Helping a battler of Blackwattle Bay without plastic	Simon Rowe
1645	Supporting development and implementation of local mangrove management approaches within the Rewa Delta in Fiji	Sabrina Virly
1650	Conference Close Karakia Whakamutunga	
1700	Free time/prepare for dinner	
1815	Conference dinner – evening begins at 6.30pm <i>Cargo Shed – bus departs Durham St (Tauranga Campus) 6.15pm</i>	



TAURANGA





Australasian Mangrove and Saltmarsh Network Conference
3 – 6 November 2025
University of Waikato, Tauranga, NZ

Day 3 Wednesday 5 November	
Restoring Estuarine Health in the Bay of Plenty: The Waihi and Maketū Estuaries	Exploring Coastal and Wetland Dynamics in Tauranga Harbour
Departure time 8.00am – Returns approx. 4pm Durham St, Tauranga Campus	Departure time 8.00am – Returns approx. 4pm Durham St, Tauranga Campus
	
<p>The shallow intertidal estuaries of Waihi and Maketū hold deep cultural significance for local Māori and support a wide range of ecological and biodiversity values. However, historic hydrological modifications including wetland drainage and flood protection infrastructure have significantly degraded both systems. While these changes have enabled prosperous primary industries and safeguarded local communities, they've come at a cost: biodiversity loss, increased sedimentation, seagrass decline, eutrophication, and contamination of shellfish beds.</p>	<p>Join us for an immersive field trip visiting four key sites around Tauranga Harbour, each offering a unique perspective on the environmental challenges and restoration efforts shaping our coastal ecosystems.</p> <p>We'll explore issues such as harbour reclamation and mangrove control, and examine a spectrum of wetland projects from minimal intervention approaches, where nature is left to regenerate on its own, to engineered wetland constructions designed for maximum ecological impact while ensuring minimal adverse effects on adjacent residential areas</p>



TAURANGA





Australasian Mangrove and Saltmarsh Network Conference
3 – 6 November 2025
University of Waikato, Tauranga, NZ

Start time	Day 4 Thursday 6 November
0830	Registration desk open
0900	Workshop Hosted by The Nature Conservancy and Earth Science NZ – Room 2.08 Establishing a science-ready and effective blue carbon market for Aotearoa New Zealand
1030	Morning tea
1100	Workshop (cont'd) Blue carbon and biodiversity valuation for coastal habitats in Aotearoa NZ
1230	Wrap up



TAURANGA

