

# Australasian Mangrove and Saltmarsh Network Conference 2024

Connecting  
for coastal  
co-becoming

Start time	Day 1 Tuesday 19 November	Presenter
0800	Registration opens (tea and coffee) <i>level 3 foyer, Physiology Lecture Theatres (building 63), UQ St Lucia</i>	
0900	Welcome to Country	
0915	Conference opening address and housekeeping	Organising Committee
Restoration and biodiversity <i>sponsored by the Society for Ecological Restoration Australasia</i>		
0930	Assessment of biodiversity benefits in coastal wetland restoration	Valerie Hagger
0945	A socio-ecological and systematic approach to site identification for mangrove restoration	Jaramar Villarreal-Rosas
1000	Eco-urban synergy: potential improvements for future planning, design and development near mangrove-dominated areas	Ioana Corina Giurgiu
1015	Lessons from five years of fish monitoring in South East Queensland mangroves and coastal marshes	Ben Gilby
1030	Empowering locals to look after their mangroves and saltmarsh	Craig Copeland
1035	Initial vegetation responses to stock fencing and active restoration trials at a Ramsar-listed saltmarsh	Vishnu Prahalad
1040	Connectivity of tropical saltmarsh and contribution to broader natural ecosystem functionality	Nathan Waltham
1045	Restoring resilient coastlines — living shoreline pilot projects — Redlands Coast	Josh Arthy
1050	Update on Seagrass Technologies restoration projects	Stuart Thomson
1055	Coastal wetlands restoration and recovery of associated services: a win-win strategy	Charles Cadier
1100	Morning tea	
Coastal basics		
1130	Monitoring mangroves and marsh (MMM): automated measurements of wetland health	Rod Connolly
1145	Floods, fires and fungus: what partial success is teaching us about living shoreline restoration on the mid-north coast of NSW	Brian Hughes
1200	Informing the prioritisation of mangrove management in the central Great Barrier Reef using biophysical modelling and network analysis	Gabriela Thompson-Saud
1215	Mangrove root architecture	Jack Hill
1230	How are mangrove and saltmarsh communities responding to climate change? Let's find out!	Norm Duke
1245	Value of resolving uncertainties in wetland restoration	Valerie Kwan
1250	Exploring the potential of floating mangroves: initial trials at Tingalpa Creek, Brisbane, Australia	Krishnaveny Rishharan
1300	Lunch	

Law and governance		
1345	Legal solutions for restoration in the intertidal zone	Justine Bell-James and Rose Foster
1400	Navigating the legal regime for blue carbon projects in South Australia	Alex Wawryk
1405	Restoring coastal resilience: advancing marine plant rehabilitation through policy innovation	Matthew Hayes
1420	Evaluating governance of coastal wetlands in South East Queensland, Australia: governance structure and distribution of power	Mayara de Oliveira
1435	Sonic relationality: place, ecology and situated experience of a mangrove deltaic island	Pratyay Raha
1450	Mangroves, blue carbon and people — stories from across the tropics <i>followed by Q&amp;A</i>	Leah Glass
1535	Afternoon tea <i>followed by move to evening venue</i>	
1610	Art x Science panel <i>hosted by the UQ Art Museum</i>	
1715	Welcome drinks and poster night	

Poster presentations		
	Linking drivers of inundation to cyanobacterial mat presence in the salt flats of the Pilbara, north Western Australia	Abigail Martin
	Hydrological restoration of coastal wetlands: optimising site selection and implementation strategies	Aushij Gupta
	Assessment of sediment carbon stocks in restored versus natural saltmarsh ( <i>Schoenoplectus validus</i> ) in Queensland	Shailee Dinesh
	Establishing priorities for Australia's Coastal Research infrastructure (CoastRI)	Rebecca Ziton
	Activations in the UQ-Warrar (Brisbane River) mangroves	Emer Cunningham
	What drives individuals to participate in mangrove conservation? Investigating motivations and local influences	Amina Akbar
	Mangrove surface elevation loss after tree fall during extreme weather	Vicki Bennion

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Start time	Day 2 Wednesday 20 November	Presenter
0800	Registration opens (tea and coffee) <i>level 3 foyer, Physiology Lecture Theatres (building 63), UQ St Lucia</i>	
0830	Opening address and housekeeping	Organising Committee
0845	Indigenous plenary panel	
Blue carbon <i>sponsored by the Great Barrier Reef Foundation</i>		
0945	Coastal blue carbon in Aotearoa: science, opportunities, and challenges	Phoebe Stewart-Sinclair
1000	Predicting soil organic blue carbon stocks in temperate coastal ecosystems	Sophie Russell
1015	Scoping Indigenous-led blue carbon opportunities for coastal wetland restoration on Giringun Country	Jade Pryor and Renee Rossini
1030	Carbonate mangrove above-ground biomass is linked to forest age	Brooke Conroy
1035	Blue Heart Sunshine Coast blue carbon wetland restoration trial	Sunshine Coast Council
1040	Estimating greenhouse gas emissions from drained landscapes across Australia	Emma Cotter
1045	Morning tea	
Socioecology and lived experiences		
1115	Building a movement for coastal wetlands: community stories from the Northern Rivers	Sam Johnson
1130	Tourism and recreation in blue carbon ecosystems: exploring interactions and road to sustainability	Ahalya Suresh
1145	Two-ways approaches to healing Mixing Water Country in central Queensland	Jena-Rose Miller and Renee Rossini
1200	Mangroves art and ecological intimacy	Zahidah Zelda Zeyutoun Millie
1215	An integrated, community approach to an urban saltmarsh restoration	Ellie Green
1220	A time for action — a local recovery plan for the shrubby samphire	Warrick Barnes
1225	Comparing participatory mapping and remote sensing for ecosystem restoration in Belize	Alejandro Garza-Garcia
1230	Interdisciplinary solutions to enable nature-based solutions for coastal protection to achieve ecological and engineering outcomes	Alice Twomey
Greenhouse gas flux		
1245	Spatial and temporal variations in nitrous oxide fluxes in tidal wetlands	Britte Van Haastregt
1300	Effect of crab burrows on greenhouse gas emissions in mangrove forests	Kai Ching Cheong
1305	Hogging the mud: how invasive pigs' 'spa days' increase soil greenhouse gas emissions in Kakadu	Jasmine Hall
1310	Lunch	

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Disturbance and vegetation dynamics		
1400	Variable responses of coastal wetlands following black summer bushfire impact	Jeff Kelleway
1415	Unveiling intertidal habitats of Western Australia's Pilbara Coast	Sharyn Hickey
1430	Mapping mangrove zone dynamics and dieback in the Leichhardt and Albert Rivers, Gulf of Carpentaria, using integrated remote sensing techniques	Rogério Goncalves
1445	Drivers of saltmarsh and mangrove distributions: a case study at Towra Point Nature Reserve, Sydney, Australia	Tanya Mason
1450	Mangrove trajectory to recovery post dieback in the Gulf of Carpentaria (Queensland)	Arnon Accad
1455	Occurrence, bioaccumulation, and risk of contaminants in three wetlands in Queensland, Australia	Iresha Sumudumali
1500	Updates on our network and the next annual meeting in 2025	
Norm Duke		
Surface elevation change		
1515	Monitoring vertical elevation trends in tidal wetlands around Australia	Madeline Goddard
1520	Tidal reconnection and establishment of coastal vegetation: assessment of key factors influencing soil surface elevation dynamics during restoration	Vicki Bennion
1535	Links between rainfall, river flows and sediment accumulation in mangroves of the humid tropics	Catherine Lovelock
1550	Afternoon tea	Attuning to the space in-between <i>optional, all welcome — hosted by the Ensayos Collective</i>
1800	Conference dinner <i>The Jetty, South Bank</i>	

### Day 3 Thursday 21 November

Magandjin's urban wetlands	Minjerribah/Terrangeri (North Stradbroke Island) cultural tour	Yandina Wetlands (Blue Heart) Sunshine Coast blue carbon pilot site
<p>meet at 0645 — led by <a href="#">Valerie Kwan</a> <i>Chancellor's Place bus stop, UQ St Lucia</i></p>	<p>meet at 0715 — led by <a href="#">Fernanda Adame</a> <i>Chancellor's Place bus stop, UQ St Lucia</i></p>	<p>meet at 0745 — led by <a href="#">Alex Pearse</a> <i>Chancellor's Place bus stop, UQ St Lucia</i></p>
<p>Join us to explore the social and governance aspects of wetland conservation and creation. Boondall Wetlands, a RAMSAR-listed wetland, is an important stop for migratory shorebirds. The Reserve was created as a result of public concern; now, it is one of the best spots for bird watching around Magandjin (Brisbane). We will also hear from local creek catchment groups about how they pieced together and celebrate creek history, and their work on water quality offsets. Lastly, we will visit mangroves under construction as part of the Southern Redland Bay Wastewater Treatment Plant project.</p>	<p>Experience world-famous Quandamooka Country (Moreton Bay) with Elders from the Minjerribah Moorgumpin Elders-In-Council. We will visit Minjerribah (North Stradbroke Island) for Neembeeba Binung Gana ('look, listen, understand') cultural awareness training. We will tour important mangrove and paperbark sites on the world's second largest sand island, with a focus on cultural values, wetlands and water, including time for a Welcome to Country and smoking ceremony, yarning circles and Q&amp;As, and homemade scones with bush tucker jams. This field trip will leave relatively early to ensure a timely ferry transfer to the island.</p>	<p>Come and visit the Blue Heart, Australia's first registered blue carbon tidal restoration site. The Sunshine Coast Council and Kabi Kabi Traditional Owners will share their restoration journey and walk us through some of the processes occurring on site now. We will also hear from research partners on their findings during guided tours of wetland. Please note that this trip will use temporary toilet facilities (portaloos) and may require traversing rugged terrain. If you have any accessibility concerns, please reach out to the organising committee to discuss how we can support your participation.</p>
		
<p>Informal social evening</p>		

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Start time	Day 4 Friday 22 November	Presenter
0845	Registration opens (tea and coffee) <i>level 3 balcony, Andrew N. Liveris Building (46), UQ St Lucia</i>	
0900	OzSET network workshop	Vicki Bennion and Madeline Goddard
1030	Morning tea	
1100	Coastal Nature Repair Market methods workshop	Valerie Hagger and Renee Rossini
1230	Lunch	
1300	Documenting intertidal learnings <i>optional, all welcome</i>	Caitlin Franzmann and friends
1430	Afternoon tea <i>followed by conference close</i>	