



Conference Program

(subject to change)

Wednesday 6 November 2024			
8.00am		Conference Registration <i>Foyer, Bay Pavilions</i>	
8.45am - 10.50am		Session 1 – Plenary Location: Yuin Theatre	
8.45am	Welcome to Country Terry Hill, Walbunja Elder, Yuin Nation		
8.55am	Welcome from Eurobodalla Shire Council		
9.05am	Minister Address (TBC)		
9.15am	Address by Major Sponsor – NSW Department of Climate Change, Energy, the Environment and Water		
9.20am – 10.00am	Keynote Address Dr Jodi Edwards, Vice-Chancellor Indigenous Research Fellow, University of Wollongong		
10.00am – 10.05am	Address by Silver Sponsor – NSW Local Land Services		
10.05am – 10.50am	Keynote Address Dr. Ron Hoeke. CSIRO Environment		
10.50am – 11.20am		Morning Tea	
Session 2 11.20am – 12.30pm	2A: Applied science and innovation	2B: Policy, planning and legal insights	2C: First Nations peoples' perspectives and coastal community partnerships
Location:	Yuin Theatre	Midandhal	Djirribwal/Duran
Chair:			
11.20am – 11.40am	Drivers of extreme sea level trends and variability along the Australia's coast Julian O'Grady <i>CSIRO</i>	Wharf Road, Batemans Bay: History and lessons for coastal management and planning Maria Plytarias <i>Department of Planning, Housing and Infrastructure</i>	Walking together: innovative First Nations engagement in Coastal Management Karlee vander Meulen & Felicity Richards <i>Eurobodalla Shire Council</i>
5 min	Changeover	Changeover	Changeover
11.45am – 12.05pm	Millennial and contemporary dynamics of the barrier estuary entrance at Moruya, Australia Tom Oliver <i>UNSW Canberra</i>	Planning for change: Sea Level Rise and the Coastal Vulnerability Area Jordan Vickers <i>Tweed Shire Council</i>	Presentation TBC
5 min	Changeover	Changeover	Changeover
12.10pm – 12.30pm	How well can we predict long-term sandy shoreline change in NSW? Kristen Splinter <i>UNSW Sydney Water Research Laboratory</i>	Landuse and development planning when impacted by both coastal and floodplain hazards Emma Maratea <i>Rhelm</i>	Overcoming engagement hurdles: Perspectives from a Local Aboriginal Land Council Tim Stubbs <i>Wolfpeak</i>
12.30pm – 1.30pm		Lunch	

Session 3 1.30pm – 3.05pm	3A: Sustainable coastal environments and blue futures	3B: Lessons learnt to empower future opportunities	3C: Applied science and innovation
Location:	Yuin Theatre	Midandhal	Djirribwal/Duran
Chair:			
1.30pm – 1.50pm	Presentation TBC	History of management at Warilla Beach – Sand mining to seawalls Danny Wiecek <i>NSW DCCEEW</i>	Coastal Shelf Waves in NSW Harbours Indra Jayewardene <i>Manly Hydraulics Laboratory</i>
5 min	Changeover	Changeover	Changeover
1.55pm – 2.15pm	The Everlasting Story - A Blue Carbon Demonstration Project Jessica Morris <i>NSW DCCEEW</i>	Bronte Seawall Upgrade to Protect Australia's Oldest SLSC from Coastal Hazards Joao Goncalves <i>Royal HaskoningDHV</i>	Basal Food Sources and Fish Movement in an Inter-Connected Temperate Estuary Troy Gaston <i>University of Newcastle</i>
5 min	Changeover	Changeover	Changeover
2.20pm – 2.40pm	Climate risk and adaptation in NSW marine parks Coral Latella, NSW DCCEEW & Beth Toki, BMT	50-years of Waverider buoy measurements in NSW: the past, present and future Ed Couriel <i>Manly Hydraulics Laboratory</i>	2.20pm – 2.30pm Understanding urchin barrens through Indigenous oral histories and remote sensing in NSW Kyah Chewying <i>University of Wollongong</i>
			2.30pm – 2.40pm Key fish habitat offsets: an ecosystem service approach Alice Harrison <i>UNSW Sydney Water Research Laboratory</i>
5 min	Changeover	Changeover	Changeover
2.45pm – 3.05pm	Can the endangered Posidonia australis seagrass tolerate more frequent flooding? Tim Glasby <i>NSW DPI Fisheries</i>	Monitoring and responding to coastal erosion in the Shoalhaven Chris Adamantidis <i>Worley Consulting</i>	2.45pm – 2.55pm Navigating ICOLLS: Understanding the need for collective study and research gaps Danial Khojasteh <i>NSW DCCEEW</i>
			2.55pm – 3.05pm Sediment properties and shoot density influence seagrass plasticity more than elevated temperatures Daniel Swadling <i>NSW DPI Fisheries</i>
3.05pm – 3.30pm Afternoon Tea			
Session 4 3.30pm – 5.00pm	4A: Contemporary approaches for adapting to coastal hazards and climate change risks	4B: Applied science and innovation	4C: 10 Minute
Location:	Yuin Theatre	Midandhal	Djirribwal/Duran
Chair:			
3.30pm – 3.50pm	Sand nourishment requirements to mitigate seawall end effects James Carley <i>UNSW Sydney Water Research Laboratory</i>	Tides in Estuaries – Key Features, Sea Level Rise, and Human Intervention Kris Kumbier <i>NSW DCCEEW</i>	3.30pm – 3.40pm The Famous Six sticking together on the CMP rollercoaster Ana Rubio, Hornsby Shire Council & Jason Ruszczyk, Northern Beaches Council
			3.40pm – 3.50pm Planning future foreshore development in Lake Macquarie Karen Mason

			Lake Macquarie City Council
5 min	Changeover	Changeover	Changeover
3.55pm – 4.15pm	When is a setback not a setback? Drawing lines in the sand Natalie Paterson <i>Royal HaskoningDHV</i>	Applying the DST for Bank Erosion Management in the Shoalhaven LGA Oscar Garrat <i>Rhelm</i>	<p>3.55pm – 4.05pm Coastal Management aDAPtation - guiding the nexus between the CMP and DAP delivery for improved outcomes for NSW Coastal communities Michelle Fletcher <i>NSW DCCEEW</i></p> <p>4.05pm – 4.15pm Coastal management programs – status and key insights Andrew Williams <i>NSW DCCEEW</i></p>
5 min	Changeover	Changeover	Changeover
4.20pm – 4.40pm	Adelaide’s beaches: a shift in sand management strategies Evan Watterson <i>Bluecoast Consulting Engineers</i>	Evolving Risk Profiles: Backwater and Overbank Tidal Inundation in Urban Estuaries Michael Rosenthal <i>Rhelm</i>	<p>4.20pm – 4.30pm CoastSat Live – A web dashboard for near real-time shoreline data from space Yarran Doherty <i>UNSW Sydney Water Research Laboratory</i></p> <p>4.30pm – 4.40pm A framework for using coastal monitoring data: an Illawarra Coast case study Dylan McLaughlin <i>University of Wollongong</i></p>
5 min	Changeover	Changeover	Changeover
4.45pm – 5.05pm	Sacrificial Structures on the Coast – Sensible or Stupid? Peter Horton <i>Horton Coastal Engineering</i>	Assessing the utility of biodegradable substrate for NSW oyster reef restoration Kristine Faelnar <i>Macquarie University</i>	<p>4.45pm – 4.55pm Quantifying the exposure to drowning and injury on the NSW Coastline Chris Twine <i>Surf Life Saving New South Wales</i></p> <p>4.55pm – 5.05pm The Coastal Weeds and Marine Debris Project: 17 years of multi-agency cooperation Luke Hamilton <i>Far South Coast Landcare Association</i></p>
5.05pm	Close of Day One		
Welcome Reception – Bay Pavillions			
7.00pm	<i>Sponsored by Department of Planning, Housing and Infrastructure – Crown Lands</i>		

Thursday 7 November 2024

8.30am Conference Registration, Foyer, Bay Pavilions			
Session 6 9.00am – 10.35am	6A: Applied science and innovation	6B: Lessons learnt to empower future opportunities	6C: Contemporary approaches for adapting to coastal hazards and climate change risks
Location:	Yuin Theatre	Midandhal	Djirribwal/Duran
Chair:			
9.00am – 9.20am	Statewide assessment of open-coast inundation risk in New South Wales Raimundo Ibaceta <i>NSW DCCEEW</i>	Missed opportunities for strategic alignment of CMPs and public recreation development Pam Dean-Jones <i>Umwelt Environmental and Social Consultants</i>	Planning optimisation for coastal wetlands under rising seas Toby Tucker <i>UNSW Sydney Water Research Laboratory</i>
5 min	Changeover	Changeover	Changeover
9.25am – 9.45am	Coastal inundation assessments for future coastlines: a new approach for Byron Shire James Thompson <i>Bluecoast Consulting Engineers</i>	Native Title and Aboriginal Land Rights on the coast Michael Ramalli Department of Planning, Housing and Infrastructure	Variable responses of coastal wetlands following black summer bushfire impact Colin Woodroffe <i>University of Wollongong</i>
5 min	Changeover	Changeover	Changeover
9.50am – 10.10am	Prioritising coastal inundation within NSW and across Australia using new storm-surge maps Andrew Fielding <i>JB Pacific</i>	2019-2020 Bushfire Impacts on the Water Quality of NSW South Coast Estuaries Nuria Lahuerta Pineiro <i>NSW DCCEEW</i>	A decision-making framework to support beach access asset management Jack Hore <i>Worley Consulting</i>
5 min	Changeover	Changeover	Changeover
10.15am – 10.35am	Improving Economic Estimates for Beach Values: The Beach Valuation and Estimation Tool Marc Daley <i>NSW DCCEEW</i>	Developing best practices for coastal monitoring Rachel Przeslawski <i>RPS</i>	Managing Public Access to the Shell Cove Breakwaters During Storm Events Ben Morgan <i>Worley Consulting</i>
10.35am – 11.00am Morning Tea			
Session 7 11.00am - 12.35pm	7A: Lessons learnt to empower future opportunities	7B: Sustainable coastal environments and blue futures	7C: Contemporary approaches for adapting to coastal hazards and climate change risks
Location:	Yuin Theatre	Midandhal	Djirribwal/Duran
Chair:			
11.00am – 11.20am	Surf's Up, elevating surf amenity in the CMP process Dan Messiter <i>Royal HaskoningDHV</i>	Studying the impact of marine heatwaves on Huon Estuary (Tasmania, Australia) Julio Salcedo-Castro <i>IMAS/UTAS</i>	Hallett Cove: Coastal Protection leading a revival of ocean pools in Australia Nicole Larkin <i>Nicole Larkin Design</i>
5 min	Changeover	Changeover	Changeover
11.25am – 11.45am	Halfway there: five years of implementing the Lake Illawarra Coastal Management Program Trudy Costa <i>Wollongong City Council</i>	The ebb and flow of delivering innovative nature-based solutions Heidi Thomson, Eurobodalla Shire Council & Jillian Keating, Department of Primary Industries - Fisheries	Coastscan NSW: A collaboration towards long term coastal monitoring with drones Chris Drummond <i>NSW DCCEEW</i>
5 min	Changeover	Changeover	Changeover
11.50am – 12.10pm	How can we improve CZEASs? Neil Dufty <i>Water Technology</i>	Management of agricultural coastal landscapes with climate change and sea level rise Bennett Macdonald <i>CSIRO</i>	Developing a sustainable foreshore management approach for Lady Robinson Beach Megan Liu <i>Manly Hydraulics Laboratory</i>
5 min	Changeover	Changeover	Changeover

Field Trip 2: Wagonga Inlet Living Shoreline (WILS) and Dalmeny Themeda Grasslands cultural burning program, Narooma will be departing at 12.15pm

12.15pm – 12.35pm	The Missing Link: Identifying and Quantifying Beach Rotation in NSW Chris Beadle <i>Water Technology</i>	Coordinated Coastal Planning and Broad Scale Implementation of Living Shoreline Solutions in the Northern Gulf of Mexico, USA Nick Lewis, Moffatt & Nichol	Balmoral Beach Seawall Apron Remediation Trial Replacement of Renomattresses with Rock Bags Yanyan Zhang <i>Royal HaskoningDHV</i>
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12.35pm – 1.10pm Lunch

1.15pm – 5.00pm Session 8 - Field Trips (includes afternoon tea)

FT1: Educate, Embrace, Empower – Wimbie Beach Headland or Grandfathers Gully, Lilli Pilli

FT2: Wagonga Inlet Living Shoreline (WILS) and Dalmeny Themeda grasslands cultural burning program, Narooma
(will be departing at 12.15pm)

FT3: Erosion and Recovery over the decades – Batemans Bay’s longstanding Erosion hotspots and Australia’s infamous longest record beach state record: Bengello Beach

FT4: Reviving Bhundoo – a Clyde River Boat Trip

5.00pm Close of Day Two

7.00pm
Conference Dinner & Annual NSW Coastal Management Awards
 Batemans Bay Soldiers Club
Conference Dinner Dress Up Theme is “B” for Batemans Bay
Sponsored by Royal HaskoningDHV

Friday 8 November 2024

8.30am Conference Registration, Foyer, Bay Pavilions

Session 9 9.00am – 11.00am	9A: Policy, planning and legal insights	9B: Coastal processes and insights	9C: Innovative practices
Location:	Yuin Theatre	Midandhal	Djirribwal/Duran
9.00am – 9.20am	Australian Coastal Management Act: do we need one? Bruce Thom <i>University of Sydney</i>	Data-driven lessons for managing boating activities on coastal waterways Jack Hannan <i>Transport for NSW</i>	<p>9.00am – 9.10am Designing the Coast: The Role of Architects and Landscape Architects in Seascapes Sophie Lanigan <i>University of Cambridge</i></p> <p>9.10am – 9.20am Headland Bypassing in New South Wales – Statewide Classification of Headland Morphology Elise Buller <i>University of Newcastle</i></p>
5 min	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
9.25am – 9.45am	Improving decision making for public Crown land in the NSW coastal zone Catherine Knight <i>Crown Lands - Department of Planning, Housing and Infrastructure</i>	Surf Life Saving NSW Emergency Response Beacons: Current Utilization and Future Prospects Andrew Ugarte <i>Surf Lifesaving NSW</i>	<p>9.25am – 9.35am Ecological Effects of Foreshore Stabilisation on Estuarine Fish Life Stages Hayden Swift <i>University of Newcastle</i></p> <p>9.35am – 9.45am Reef Life Survey: Citizen science providing the groundwork for research Jen Thompson <i>Nature Coast Marine Group</i></p>
5 min	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
9.50am – 10.10am	Preparation of & Implementation of Coastal Management Programs to Manage the Coast Megan Hawley <i>Lindsay Taylor Lawyers</i>	Community Stewardship for Tallow Waters: A Grassroots Approach to ICOLL Conservation Alexander Brawn <i>UTS</i>	What's under the wharf? From citizen science to real restoration solutions Cat Leach <i>Catfish Creative</i>
5 min	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
10.15am – 10.35am	Land value consequences of Coastal Hazards and Adaption. Lessons from Lismore Ballanda Sack <i>Beatty Hughes & Associates</i>	Groundwater nutrients drive poor nearshore condition at Berkeley Vale, Tuggerah Lakes NSW Rebecca Swanson <i>NSW DCCEEW</i>	CoastAdapt provides resources for coastal decision makers Australia-wide: again and still! Anne Leitch <i>Griffith University</i>
5 min	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
10.40am – 11.00am	Anticipating coastal change: sea level rise projections and policy across NSW Courtney Smith <i>Water Technology</i>	Integrating Flood Resiliency to stormwater design with Sea Level Rise Jennifer Nunn <i>The Balmoral Group</i>	Developing practical CMP actions for addressing habitat loss in the Hunter Estuary Carla Sbrocchi <i>Wolfpeak</i>
11.00am – 11.30am Morning Tea			
11.30am – 1.00pm Session 9 – Plenary			
11.30am	Coastal wetlands in the Anthropocene: risks, opportunities and challenges Professor Kerrylee Rodgers , University of Wollongong		
12.10pm – 12.25pm	NSW Coastal Council Address – Dr Philip Haines, chairperson		
12.25pm – 12.45pm	Ned McNaughton – a next generation environmental leader		
12.45pm	Announcement for 2025 NSW Coastal Conference Host Council, Conference Closing and Wrap-up		
12.55pm Lunch			