



Joint
National Coast to Coast
and
NSW Coastal Conference

30th October - 3rd November 2023
Newcastle Exhibition & Convention Centre (NEX),
Newcastle, NSW

CONFERENCE PROGRAM

(as at 20.09.2023 and subject to change)

Monday 30th October 2023

9.00am – 4.30pm **Pre-Conference Workshop:** Unlocking Science – Stakeholder Connection in Coastal and Estuary Management! (additional cost)

Day One – Tuesday 31st October 2023

8.00am **Conference Registration, The Avenue**

Session 1	Plenary	8.45am – 10.20am
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Location: The Arena

8.45am	Welcome to Country
9.00am	Conference Welcome Councillor Declan Clausen , Deputy Lord Mayor, <i>City of Newcastle</i>
9.10am	Conference Welcome Professor Barbara Norman , <i>Chair Australian Coastal Society</i>
9.20am	Minister Address (Video) Senator the Hon Jenny McAllister
9.25am	Conference Opening and Address (Video) The Hon. Penny Sharpe
9.30am	Major Sponsor Address Sharon Molloy , <i>NSW Department of Planning & Environment</i>
9.40am	Keynote Address Associate Professor Hannah Power , <i>University of Newcastle</i>

10.20am – 10.50am Morning Tea

Session 2	Concurrent	10.50am – 12.25pm
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	2A: Opportunities for adaptive coastal planning	2B: Building resilient coasts, habitats and communities	2C: The knowledge we need for the coast we want	2D: Estuary health and hazards - connecting land and sea
Location:	The Arena	The Extra	The Vivid	King Street Room
10.50am – 11.10am	eDNA monitoring to support coastal native freshwater fish, early results and opportunities David Workman <i>Department of Planning and Environment Water</i>	Tasmania's Troubled Waters: Engaging communities through grassroots activism to protect our coastlines Peter Whish-Wilson <i>Australian Greens</i>	CoastAdapt: updated resources for coastal decision-makers Anne Leitch <i>Griffith University</i>	Modelling pollutant transport in estuaries to reduce the impact on oyster harvests Alice Harrison <i>Water Research Laboratory, UNSW Sydney</i>

5 minute 11.15am – 11.35am	<i>Changeover</i> How to create effective adaptation pathways Phebe Bicknell <i>Alluvium Consulting</i>	<i>Changeover</i> Calming Coastal Community Conflict: Using Negotiation with Stakeholder Engagement Neil Dufty <i>Water Technology</i>	<i>Changeover</i> Bathtubs, planes, models and interpretation for tidal and coastal inundation mapping Emma Maratea <i>Rhelm</i>	<i>Changeover</i> Investigating drivers of poor water quality in Avoca Lagoon, NSW Michael Orr , <i>Department of Planning and Environment</i>
5 minute 11.40am – 12.00pm	<i>Changeover</i> Evaluating Coastal Adaptation at the Local Level: Queensland's QCoast2100 Program Aysin Dedekorkut-Howes <i>Griffith University</i>	<i>Changeover</i> Shifting Thresholds and Uncertain Ground: Radical Co-existence along the Australian Coast Tom Rivard <i>REALMstudios</i>	<i>Changeover</i> Data-driven decision-making to reduce the risk of drowning and injury Nick Mulcahy <i>Surf Life Saving NSW</i>	<i>Changeover</i> Science, community and industry the recipe for improving waterway health Prudence Tucker <i>MidCoast Council</i>
5 minute 12.05pm – 12.25pm	<i>Changeover</i> What's the Plan with NSW Beachfront Development – Protect, Retreat or Neither? Peter Horton <i>Horton Coastal Engineering</i>	<i>Changeover</i> NSW Coastal Design Guidelines 2023: good urban design for great coastal communities Maria Plytarias <i>Department of Planning and Environment</i>	<i>Changeover</i> A One-Line Model's Insight into Adelaide's Shoreline Management Ben Perry <i>Flinders University</i>	<i>Changeover</i> Estuary remediation works monitoring – too hard! Or is it? Damon Telfer <i>Fruition Environmental</i>

12.25pm – 1.25pm Lunch + Poster Presentations

Session 3 Concurrent 1.25pm – 3.00pm

	3A: Building resilient coasts, habitats and communities - the Stockton Story	3B: Coastal governance, economics and funding in Australia	3C: Restoring and protecting coastal habitats	3D: 10 Minute Presentations
Location:	The Arena	The Extra	The Vivid	King Street Room
1.25pm – 1.45pm	Are Temporary Coastal Protection Options Black and White? Natalie Patterson <i>Royal HaskoningDHV</i>	Coastal Hazards Planning and Management in WA Vivienne Panizza <i>Department of Planning, Lands & Heritage WA</i>	Not all barrens are created equal: Investigating diet of <i>Centrostephanus rodgersii</i> urchins Jeremy Day <i>University of Newcastle</i>	1.25pm – 1.35pm Wind flow through native and exotic vegetation on coastal dunes Madeleine Brown <i>The University of Otago</i>
				1.35pm – 1.45pm AI For Coastal Hazard Prediction in NSW Marcello Sano <i>Department of Planning and Environment</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
1.50pm – 2.10pm	Evaluating Coastal Management Schemes for Stockton: Balancing Stakeholder Interests and Sustainable Solutions Heiko Loehr <i>Bluecoast Consulting Engineers</i>	Supporting coastal local governments in Western Australia Lucy Sheehy <i>Western Australian Local Government Association</i>	Restoring estuarine fisheries habitat, hydraulics, & sediment transport with hardwood log structures Tim Dilworth <i>Riparian Engineering</i>	1.50pm – 2.00pm Effects of shoreline strategies on wrack associated invertebrates in Lake Macquarie, NSW Gemma Clifton <i>Macquarie University</i>

				2.00pm – 2.10pm Yitpi Yartapuultiku Living Shoreline Design, Port Adelaide River Annabel Sandery <i>Hatch</i>
5 minute	Changeover	Changeover	Changeover	Changeover
2.15pm – 2.35pm	A view of the CMP process from the eroding beach at Stockton Ron Boyd <i>Stockton Community Group</i>	Key elements of a Tasmanian Integrated Marine Estate Act: it's TIME Eloise Carr <i>The Australia Institute</i>	Keeping Sydney Harbour clean through Smart Technology Ana Terrazas <i>Sydney Coastal Councils Group</i>	2.15pm – 2.25pm Comparing how six models simulate 40 years of historical shoreline change Oxana Repina <i>University of Wollongong</i>
				2.25pm – 2.35pm Looking beneath the waves: Mapping ebb-tidal deltas using satellite imagery Annette Burke <i>University of Newcastle</i>
5 minute	Changeover	Changeover	Changeover	Changeover
2.40pm – 3.00pm	Stockton Beach Nourishment: From preferred solution to implementation Evan Watterson <i>Bluecoast Consulting Engineers</i>	Using economic information in coastal decision-making Anthony Boxshall & Anna Grage <i>Victorian Marine & Coastal Council</i>	Fresh Ideas for a Stinky Creek. The Restoration of Tidal Channels Philippa Biswell <i>Sutherland Shire Council</i>	2.40pm – 2.50pm Challenges and innovations for water quality monitoring after the storm Maddison Carbery <i>DPE WWCS</i>
				2.50pm – 3.00pm Temporal clustering of storm events around Australia Alexandra Maskell <i>JBPacific</i>

3.00pm – 3.30pm Afternoon Tea + Poster Presentations

Session 4 Concurrent 3.30pm – 5.05pm

	4A: Connecting with Country	4B: Building resilient coasts, habitats and communities	4C: The knowledge we need for the coast we want	4D: 10 Minute Presentations
Location:	The Arena	The Extra	The Vivid	King Street Room
3.30pm – 3.50pm	Aboriginal cultural fishing local management plans – delivering community aspirations & supporting self-determination Carl Bevilacqua <i>NSW Department of Primary Industries (Fisheries)</i>	Breathing life into a Living Shoreline - Wagonga Inlet Living Shoreline project Heidi Thomson <i>Eurobodalla Shire Council & Jillian Keating, NSW Department of Primary Industry - Fisheries</i>	Revisiting the 1974 Storms: Reflections on the Bengello Beach, Moruya experience Roger McLean <i>University of New South Wales</i>	3.30pm – 3.40pm Monitoring NSW estuarine health, towards a more holistic approach Colin Johnson <i>Department of Planning and Environment WWCS</i>
				3.40pm – 3.50pm Assessing and managing estuary health as part of your Coastal Management Program Vanessa McCann <i>Department of Planning and Environment</i>

5 minute 3.55pm – 4.15pm	<i>Changeover</i> Connecting on Country for Eurobodalla's Open Coast CMP Cameron Whiting <i>Eurobodalla Shire Council</i>	<i>Changeover</i> Innovations to respond to vulnerability in Australian coastal communities Carmen Elrick-Barr <i>University of the Sunshine Coast</i>	<i>Changeover</i> Investigating Extreme Storm Damage to Coastal Structures Over the last Three Decades Indra Jayewardene <i>Manly Hydraulics Laboratory</i>	<i>Changeover</i> 3.55pm – 4.05pm Morphological Variation in Estuaries, A Case Study of Moonee Creek, NSW Madelaine Broadfoot <i>University of Newcastle</i> 4.05pm – 4.15pm Community Changemakers' Course to create ambassadors for Tuggerah Lakes Estuary Ashley Kelly <i>Central Coast Council</i>
5 minute 4.20pm – 4.40pm	<i>Changeover</i> Creating culturally safe opportunities when engaging First Nations people Andrew Williams <i>Department of Planning and Environment</i>	<i>Changeover</i> Beach Scraping and Dune Rehabilitation for Coastal Protection in the Shoalhaven Chris Adamantidis <i>Advisian & Nigel Smith, Shoalhaven City Council</i>	<i>Changeover</i> The tide is high: a new perspective on coastal flood hazards Ben Hague <i>Bureau of Meteorology</i>	<i>Changeover</i> 4.20pm – 4.30pm How long before an estuary benefits from habitat repair? Vincent Raoult <i>University of Newcastle</i> 4.30pm – 4.40pm Investigating characteristics of underwater soundscapes in NSW estuaries Brittney Valenzisi <i>University of Newcastle</i>
5 minute 4.45pm – 5.05pm	<i>Changeover</i> Worimi People and City of Newcastle proactively conserving the Stockton coastal zone Uncle Lennie Anderson, Worimi Nation Traditional Aboriginal Elders and Custodian Group Charlene Wellard <i>City of Newcastle</i>	<i>Changeover</i> Low-cost nature-based shoreline protection for estuaries and lagoons Angus Gordon <i>Coastal Zone Management and Planning</i>	<i>Changeover</i> Remote sensing of river flood discharges into coastal waters. Nagur Cherukuru <i>CSIRO</i>	<i>Changeover</i> 4.45pm – 4.55pm An uplifting story - Collaborating on raise and fill adaptation actions Neale Farmer <i>Lake Macquarie City Council</i> 4.55pm – 5.05pm The benefits of embracing new technologies: SLSNSW's Journey with Uncrewed Aerial Vehicles Paul Hardy <i>Surf Lifesaving Services</i>

5.05pm

Close of Day One

Welcome drink at NEX followed by an evening at leisure to explore Newcastle restaurants.

Day Two – Wednesday 1st November 2023

8.00am

Registration (for 1 Day delegates)

Session 5

Field Trips

8.30am– 5.00pm

Field trips depart from 8.30am and will return to NEX by 5.00pm.

Sponsored by:



**Department of Planning
and Environment**



**City of
Newcastle**

Field Trip 1: Wetland Restoration Stories from the Hunter River Estuary (Full Day)

Field Trip 2: Integrated coastal management in action – Lake Macquarie's approach to Managing Coastal and Climate Hazards whilst Protecting and Improving Ecosystem Health (Full Day)

Field Trip 3: Cultural and Environmental Heritage of the Port Stephens Region (Full Day)

Field Trip 4: Coastal Geomorphology and Sediments of the Newcastle to Port Stephens Region (Full Day)

Field Trip 5: Welcome to the Sand Pit – Coastal Management at Stockton Beach (Half Day Morning)

Field Trip 6: Changing Seascapes, Coastlines and Identities - Newcastle's Southern Beaches Walking Tour (Half Day Afternoon)

7.00pm

Casual Evening at Merewether Surfhouse

Sponsored by Department of Planning and Environment – Crown Lands

Day Three – Thursday 2nd November 2023

8.15am Registration (for 1 Day delegates)

Session 6 Plenary 8.45am – 10.10am

8.45am Welcome to Day 3

8.50am **Keynote Presentation**

Indigenous Knowledge is saving our iconic species, **Tegan Shields**, *University of Melbourne*

9.30am **Keynote Address**

Prof Jan McDonald, *University of Tasmania*

10.10am – 10.40am Morning Tea + Poster Presentations

Session 7 Concurrent 10.40am – 12.15pm

	7A: Coastal Blue Carbon Ecosystems Sponsored by  <small>Australian Government Department of Climate Change, Energy, the Environment and Water</small>	7B: Community collaboration on the coast	7C: Opportunities for adaptive coastal planning	7D: Building resilient coasts, habitats and communities
Location:	The Arena	The Extra	The Vivid	King Street Room
10.40am – 11.00am	We need to start making transition plans for our estuaries Will Glamore <i>Restore Blue</i>	The Shoalhaven Foreshore Education Project: promoting best-practice dune management by foreshore residents Braiya White <i>Shoalhaven City Council</i>	A national climate risk assessment and adaptation plan for Australia – insights Lucy Brazier-Hollins <i>Department of Climate Change, Energy, the Environment & Water</i>	Shifting sand in response to rising water: Adaptation through raise and fill Mark Wainwright <i>Salients</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
11.05am – 11.25am	Nature-based Solutions for estuaries: Overcoming design barriers to implementation Thomas Dunlop <i>University of New South Wales</i>	How south will they go? Communities protecting threatened marine turtles in NSW Merryn Dunleavy <i>Australian Seabird & Turtle Rescue</i>	California Dreaming: Lessons from the Golden State for Australian Coastal Adaptation Robert Kay <i>Arup</i>	Use of artificial reefs in Queensland to enhance ecological and recreational values Paul Prenzler <i>Royal HaskoningDHV</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
11.30am – 11.50am	Opportunities for floodplain remediation where ancient landscapes and modern development collide Kate Waddington <i>Water Research Laboratory, UNSW</i>	What does the community value about their coastal catchment? Ari Comben <i>Department of Planning and Environment</i>	Managing a vulnerable coast: findings of a national study on coastal governance Tim Smith <i>University of the Sunshine Coast</i>	Coastal hazard adaptation in the Torres Strait Islands Michael Rosenthal <i>Rhelm</i>
5 minute	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
11.55am – 12.15pm	Yeramba Lagoon: An example blue carbon habitat restoration project Toby Tucker <i>Water Research Laboratory, UNSW</i>	Engaging the masses: case studies from the NSW Oyster Reef Restoration project Jillian Keating & Charlotte Jenkins <i>Department of Primary Industries - Fisheries</i>	Application of adaptive approaches utilising triggers and thresholds in coastal management Marc Daley <i>Department of Planning and Environment</i>	Re-calculating coastal extremes for the future Dan Rodger <i>JBPacific</i>

12.15pm – 1.00pm Lunch + Poster Presentations

Session 8 Concurrent

1.00pm – 3.00pm

	<p>8A: Coastal Blue Carbon Ecosystems Sponsored by:</p>  <p>Australian Government Department of Climate Change, Energy, the Environment and Water</p>	8B: Coastal governance, economics and funding in Australia	8C: The knowledge we need for the coast we want	8D: 10 Minute Presentations
Location:	The Arena	The Extra	The Vivid	King Street Room
1.00pm – 1.20pm	<p>DCCEEW's work in coastal blue carbon ecosystems & the launch of a practitioner's guide for undertaking hydrologic assessments Ariana Magini, Katherine Mitchell, <i>Department of Climate Change, Energy, the Environment and Water</i> & Will Glamore, <i>Restore Blue</i></p>	<p>Is integrated coastal management more difficult in federated countries like Australia? Nick Harvey <i>University of Adelaide</i></p>	<p>Time and tide: A new pixel-based method for mapping dynamic intertidal topography Robbi Bishop-Taylor <i>Geoscience Australia</i></p>	<p>1.00pm – 1.10pm Planning for coastal resilience with a national coastline reserve. Mark Ellis <i>Bond University</i></p> <p>1.10pm – 1.20pm Litter prevention success stories from the tourism industry in coastal destinations Juliette Myers, <i>Take 3</i></p>
5 minute	Changeover	Changeover	Changeover	Changeover
1.25pm – 1.45pm	<p>A Decade of Big Swamp Restoration: Championing Ecosystem Restoration Jamie Ruprecht <i>UNSW Water Research Laboratory</i></p>	<p>Monitoring implementation of the NSW Coastal Management Framework from 2018 to 2022 John Hudson <i>NSW Coastal Council</i></p>	<p>AI powered insights into beach visitation using smart cameras Chris Drummond <i>Department of Planning and Environment</i></p>	<p>1.25pm – 1.35pm Delivering priorities for the Gippsland Lakes through partnerships Glenys Watts <i>East Gippsland Catchment Management Authority</i></p> <p>1.35pm – 1.45pm WRL Coastal Floodplain Prioritisation Studies Kylie Russell <i>DPI Fisheries</i></p>
5 minute	Changeover	Changeover	Changeover	Changeover
1.50pm – 2.10pm	<p>From Blue Carbon to Oyster Reefs – a partnership approach for marine and estuary adaptation on the Mid-North Coast of NSW Brian Hughes, <i>Local Land Services</i></p>	<p>Managing the coastline: exploring the evolving success of the Coastal Management Act Kirston Gerathy <i>HWL Ebsworth Lawyers</i></p>	<p>A national-scale EWS for beach erosion and coastal flooding hazards during storms Ian Turner <i>UNSW Water Research Laboratory</i></p>	<p>1.50pm – 2.00pm Environmentally-friendly strategies for shoreline protection in coastal lakes and lagoons Katherine Dafforn <i>Macquarie University</i></p> <p>2.00pm – 2.10pm Tuggerah Lakes Wrack Management Strategy- Achieving outcomes through Council and community co-design Jenna Markwick <i>Central Coast Council</i></p>
5 minute	Changeover	Changeover	Changeover	Changeover

2.15pm – 2.35pm	Mapping and investigating intertidal exposure on Australian coastlines using open-source satellite data Claire Phillips, <i>Geoscience</i>	Five Years On: The Coastal Management Reforms in Practice Megan Hawley <i>Lindsay Taylor</i> <i>Lawyers</i>	Geomorphological characteristics of Old Bar Beach and its implications for coastal hazards. Paul Donaldson <i>Department of Planning and Environment</i>	2.15pm – 2.25pm The OceanWatch national marine NRM plan 2023-27 Simon Rowe <i>Oceanwatch Australia</i> 2.15pm – 2.25pm Tweed Byron Local Aboriginal Land Council (TBALC) Ranger Program Leweena Williams <i>Tweed Byron Local Aboriginal Land Council</i>
5 minute	Changeover	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
2.40pm – 3.00pm	2.40pm – 2.50pm Assessing ecosystem services associated with blue carbon restoration using a trait-based approach Dana Lanceman <i>UNSW</i> 2.50pm – 3.00pm Towards national mapping of Australia's supratidal forests Chris Owers & Rafael Carvalho <i>University of Newcastle</i>	Tidal boundaries: Fixed or Floating? Ballanda Sack <i>Beatty Hughes and Associates</i>	Improved technique to map coastal cliff erosion on a large scale Patrick Knook <i>Tonkin + Taylor</i>	2.40pm – 2.50pm Late Breaking Abstract Presenter Name TBC 2.50pm – 3.00pm Late Breaking Abstract Presenter Name TBC

3.00pm – 3.30pm

Afternoon Tea

Session 9 Concurrent

3.30pm – 5.10pm

	9A: Restoring and protecting coastal habitats	9B: Building resilient coasts, habitats and communities	9C: Estuary health and hazards - connecting land and sea	9D: 10 Minute Presentations
Location:	The Arena	The Extra	The Vivid	King Street Room
3.30pm – 3.50pm	Birubi Point Aboriginal Place Tourism Transport Interchange – Managing Winds of Change Scott Christie <i>Port Stephens Council & Patrick Lawless,</i> <i>Royal HaskoningDHV</i>	Responding outside of the Red and Yellow Flags. A new Emergency Service Steven Pearce <i>Surf Life Saving NSW</i>	Advancing knowledge of estuarine health through industry-research partnership in regulatory monitoring Nicholas Doreian <i>Griffith University</i>	3.30pm – 3.40pm One integrated and living entity – a governance paradigm shift Leia Howes & Cath Olive <i>Great Ocean Road Coast and Parks Authority</i> 3.40pm – 3.50pm Marine and Coastal Strategy 2022 – Collaboration in marine and coastal management Rebecca Price <i>Department of Energy Environment and Climate Action</i>

5 minute	Changeover	Changeover	Changeover	Changeover
3.55pm – 4.15pm	Artificial Reefs to Enhance Fish Friendly Marinas Ben Morgan <i>Advisian</i>	Holistic Hazardous Surf Conditions, Warnings, and the Bureau Way Jessie Gray <i>Bureau of Meteorology</i>	National probabilistic coastal inundation hazard assessment tool Julian O'Grady <i>CSIRO</i>	3.55pm – 4.05pm Managing legacy breakwaters and related structures on coastal/submerged Crown land in NSW David Kirby <i>Department of Planning and Environment - Crown Lands</i>
				4.05pm – 4.15pm Lessons learned in Coastal Protection works from a Local Government Perspective Luke Moroney <i>Shoalhaven City Council</i>
5 minute	Changeover	Changeover	Changeover	Changeover
4.20pm – 4.40pm	Improving on the traditional approach to delivering erosion control in estuarine settings Shaun Morris <i>North Coast Local Land Services</i>	Conceptualising Digital Twins to inform future managers of estuaries Peter Coad <i>Hornsby Shire Council</i>	Ahead of the flood: proactive entrance management with real-time intelligence for Tuggerah Lakes Matthew Phillips <i>Manly Hydraulics Laboratory</i>	4.20pm – 4.30pm Saving our Species (SoS): helping communities in coastal habitat and shorebird conservation Christopher Tourenq <i>Department of Planning and Environment</i>
				4.30pm – 4.40pm Status and conservation of White-fronted Terns in Australia Eric Woehler <i>Australasian Seabird Group</i>
5 minute	Changeover	Changeover	Changeover	Changeover
4.45pm – 5.05pm	Main and Clarkes Beach Dune Recovery Project - Working with Mother Nature Chloe Dowsett <i>Byron Shire Council</i> Zoë Immisch <i>Department of Planning and Environment</i>	Coastal Conundrum: Beach Stormwater Outlets in NSW Yanyan Zhang <i>Royal HaskoningDHV</i>	Groundwater nutrients drive poor nearshore condition at Berkeley Vale, Tuggerah Lakes NSW Rebecca Swanson <i>Department of Planning and Environment</i>	4.45pm – 4.55pm Our Plover Coast: Targeting grassy weeds and restoring habitat for beach-nesting birds Caroline Taylor <i>Hills and Fleurieu Landscape Board</i>
				4.55pm – 5.05pm Coming together for whale conservation Andy Marshall <i>NPWS</i>

7.00pm

Conference Dinner and Awards Night, The Arena, NEX

Sponsored by



Day Four – Friday 3rd November 2023

8.30am Registration (for 1 Day delegates)

Session 10 Plenary 9.00am – 10.00am

9.00am **Keynote Presentation**
Roger Christie, *Propel*

9.40am **Keynote Address**
Alexa Stuart, *Rising Tide & Newcastle Young Citizen of the Year*

Session 11 Concurrent 10.10am - 10.55am

	11A: The knowledge we need for the coast we want	11B: Coastal governance, economics and funding in Australia	11C: Community collaboration on the coast	11D: 10 Minute Presentations
Location:	The Arena	The Extra	The Vivid	King Street Room
10.10am – 10.30am	Delivering impactful aquatic environmental science for decision makers, managers and NSW communities Tracey MacDonald <i>Department of Planning and Environment</i>	Development of a Rapid Cost Benefit Analysis assessment Tool Kapil Kulkarni <i>RPS Group</i>	Making policy personal – strategic planning with Victorian coastal communities Emma Hodson <i>Alluvium Consulting</i>	10.10am – 10.20am Foredune overtopping, cut and destruction in 2022 at Bengello Beach, NSW Tom Oliver <i>UNSW Canberra</i>
				10.20am – 10.30am A two-part seabed geomorphology classification scheme: seabed maps for diverse applications Rachel Nanson <i>Geoscience Australia</i>
5 minute	Changeover	Changeover	Changeover	Changeover
10.35am – 10.55am	Runup Distributions and Tidal Influence on the Accuracy of Empirical Runup Estimates Rosanne Hart <i>University of Newcastle</i>	Who pays for coastal adaptation? Martijn Gough <i>Aither</i>	Worimi Conservation Lands - Adapting to Climate Change (video)	10.35am – 10.45am Managing Wastewater with Mangroves: Case Studies from Southeast Queensland Jenna Johnston <i>Water Technology</i>
				10.45am – 10.55am Ecological effects of foreshore stabilisation on fish assemblages in an estuarine channel Hayden Swift <i>University of Newcastle</i>

10.55am – 11.25 am Morning Tea

Session 12		Concurrent		11.25am – 1.00pm
	12A: The knowledge we need for the coast we want	12B: Coastal governance, economics and funding in Australia	12C: Community collaboration on the coast	12D: 10 Minute Presentations
Location:	The Arena	The Extra	The Vivid	King Street Room
11.25am – 11.45am	Changing distributions of mangroves and saltmarshes in NSW estuaries Tim Glasby <i>Department of Primary Industries - Fisheries</i>	When should the federal government intervene in CZM? Bruce Thom <i>Wentworth Group</i>	Healthy profits and healthy waterways – can macadamias achieve both? Mitchell Call <i>Southern Cross University</i>	<p>11.25am – 11.35am Modified Foredunes in NSW Tom Doyle <i>Department of Planning and Environment</i></p> <p>11.35am – 11.45am Evolution of Minjerribah (South Stradbroke Island) post stabilisation of the Nerang River Tom Murray <i>Griffith University</i></p>
5 minute	Changeover	Changeover	Changeover	Changeover
11.50am – 12.10pm	Next Generation of the NSW Nearshore Wave Transformation Toolbox Sean Garber <i>Baird Australia</i>	Presentation TBC	City of Coffs Harbour's Coastal Vulnerability Area journey to SEPP inclusion Sally Whitelaw <i>City of Coffs Harbour</i>	<p>11.50am – 12.00pm After the Flames: Studying Mangrove Resilience at Clyde River Post-2020 Australian Bushfires Miranda James <i>University of Wollongong</i></p> <p>12.00pm – 12.10pm High resolution submarine landslide-generated tsunami modelling for the Gold Coast Kendall Mollison <i>University of Newcastle</i></p>
5 minute	Changeover	Changeover	Changeover	Changeover
12.15pm – 12.35pm	Caravan parks: threatened places, socially important spaces: a South Australian case study Bev Clarke <i>Flinders University</i>	Managing commercial dredging and extraction on coastal Crown land in NSW Danny Bucher <i>Department of Planning and Environment - Crown Lands</i>	Simple tools to assist in the management of inundation in NSW estuaries Dave Hanslow <i>Department of Planning and Environment</i>	<p>12.15pm – 12.25pm The future for foreshore development in Lake Macquarie Karen Mason <i>Lake Macquarie City Council</i></p> <p>12.25pm – 12.35pm The ecological benefits of stormwater channel naturalisation in Sydney Harbour. Aiden Hose <i>Macquarie University</i></p>
5 minute	Changeover	Changeover	Changeover	Changeover
12.40pm – 1.00pm	Investigating headland bypassing in a high-energy coastal environment Charlotte Uphues <i>Flinders University</i>	Key tools enabling an integrated approach to marine estate management in NSW Nicola Johnstone <i>Department of Primary Industry - Fisheries</i>	Victorian adaptation planning in practice. A case study of five pilot projects Hayden Forrest <i>Mornington Peninsula Shire Council</i>	12.40pm – 12.50pm Coastal recreation: planning for demand, preservation and enhancing user experience Casey Johnston <i>Central Coast Council</i>

				12.50pm – 1.00pm Coastal compartments: sedimentological characteristics and morphodynamic behaviour in southern NSW Colin Woodroffe <i>University Of Wollongong</i>
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1.05pm **Wrap Up + Announcement of 2024/205 Conferences**

1.20pm – 2.00pm Lunch

Poster Presentations



Tuesday 31st October 2023 – Morning Tea, Trade Exhibition Area

10.35am – 10.38am	Sedimentary features and transport pathways on the southeast Australian shoreface-inner continental shelf Mike Kinsela, University of Newcastle	
10.38am – 10.41am	The morphology of drowned palaeoshoreline features on the east Australian continental shelf Chloe Fitzpatrick, University of Newcastle	
10.41am – 10.44am	Refreshing the Coastal NSW Water Quality Objectives Katherine McClellan, Department of Planning and Environment	

Tuesday 31st October 2023 – Lunch, Trade Exhibition Area

12.35pm – 12.38pm	Submarine landslides in southeast Australia, a case study: the Brooms Head Complex Elise Buller, University of Newcastle	
12.38pm – 12.41pm	Coastal Inundation Assessment of Newcastle Ocean Baths Using Field Observations and Modelling Thomas Fallon, Bluecoast Consulting Engineers	
12.41pm – 12.44pm	The essential role of digital data, ensuring effective ongoing coastal infrastructure resilience Jacob Lee, Stantec Australia	
12.44pm – 12.47pm	The Cape to Cape Resilience Project: Victoria's first regional coastal adaptation plan Cassandra Philippou, Department of Energy, Environment and Climate Action	
12.47pm – 12.50pm	Benthic Infauna Responses adjacent to an Ocean Outfall in Temperate NSW Waters Megan Priestley, Advisian	
12.50pm – 12.53pm	Easing the Squeeze: A Case Study in Stormwater Management on Beaches Nigel Smith, Shoalhaven City Council	
12.53pm – 12.56pm	Rockfall monitoring in the coastal environment: A case study at Nobbys Head Abigail Watman, University of Newcastle	
12.56pm – 12.59pm	How Victoria is shaping new resources for coastal hazard adaptation Elisa Zavadil, Victorian Government - DECCA	
12.59pm – 1.02pm	Marine and Coastal Strategy 2022 - 5 years of action Rebecca Price, Department of Energy Environment and Climate Action	
1.02pm – 1.05pm	River Condition Index as a tool for long term condition assessment David Workman, NSW DPIE Water	
1.05pm – 1.08pm	Using high-resolution aerial imagery to quantify the exposure to drowning and injury Nick Mulcahy, Surf Life Saving NSW	

Tuesday 31st October 2023 – Afternoon Tea, Trade Exhibition Area

3.10pm – 3.13pm	Faces of the future Kerry Cooper, Department of Planning and Environment	
3.13pm – 3.16pm	Case study - Geocontainer short term protection works, Wye River, Victoria Leia Howes, Great Ocean Road Coast and Parks Authority	
3.16pm – 3.19pm	Lessons learned in achieving effective community engagement for Shoalhaven's Coastal Management Programs Braiya White, Shoalhaven City Council	
3.19pm – 3.22pm	A decadal nationwide assessment of climate-driven species redistribution using citizen science data Troy Gaston, University of Newcastle	

Thursday 2nd November 2023 – Morning Tea, Trade Exhibition Area

10.20am – 10.23am	Bushfire impact on waterways in New South Wales, Australia Thayanne Barros, UNSW	
10.23am – 10.26am	A multidisciplinary approach to understanding the assets and risks of the Newcastle coastline Irene Perez Lopez, University of Newcastle	
10.26am – 10.29am	Building the evidence for improving boating safety and amenity on coastal waterways Jack Hannan, Transport for NSW	

Thursday 3rd November – Lunch, Trade Exhibition Area

12.25pm – 12.27pm	Establishing priorities for Australia's Coastal Research Infrastructure (CoastRI) Dan Ierodiaconou, Integrated Marine Observing System	
12.27pm – 12.30pm	A rapidly deployed and cost-effective solution for mangrove restoration Stuart Thomson, Mangroves.au	
12.30pm – 12.33pm	Characterising Archaeal Communities in NSW Estuaries Emily Cocksedge, University of Newcastle	
12.33pm – 12.36pm	Gut microbial communities of marine fishes reflect ecological settings and species boundaries Megan Huggett, University of Newcastle	
12.36pm – 12.39pm	Environmentally friendly moorings as tools for habitat restoration in NSW coastal estuaries Madeline Langley, University of New South Wales	
12.39pm – 12.42pm	Biofouling patterns on aquacultured blue mussels in Jervis Bay Kirralee McAlpine, University of Newcastle	
12.42pm – 12.45pm	Spatio-temporal variability of NSW tidal residuals driven by climate and synoptic processes Cristina Viola, Department of Planning and Environment	
12.45pm – 12.48pm	Extreme water levels in estuaries: the influence of estuary type Hannah Power, University of Newcastle	
12.48pm – 12.51pm	Adopting citizen science to better understand coastal social values Carmen Elrick-Barr, University of the Sunshine Coast	
12.51pm – 12.54pm	Providing the evidence that successful oyster reef restoration projects really are successful Victoria Cole, NSW Department of Primary Industries Fisheries	

Thursday 3rd November 2023 – Afternoon Tea, Trade Exhibition Area

3.10pm – 3.13pm	Ocean outfall impact detection in coastal offshore environments: the efficacy of eDNA Jodie Gibb, University of Newcastle	
3.13pm – 3.16pm	Saving Seahorses and Improving Our Ports - A Case Study from Eden Katie Newton, Advisian	
3.16pm – 3.19pm	Drone-based tracking of rays in estuarine systems: interactions with habitats and infrastructure Molly Grew, University of Newcastle	
3.19pm – 3.22pm	Ebb and flow in media discourse, but less debate on coastal issues Anne Leitch, Griffith University	

Friday 3rd November 2023 – Morning Tea, Trade Exhibition Area

11.05am – 11.08am	High-resolution Aridity Index, - predictor of sediment delivery from post-fire debris flows Neda Sharifi Soltani, Department of Planning and Environment	
11.08am – 11.11am	The Marine Integrated Monitoring Program: supporting adaptive management of NSW marine estate Gwenael Cadiou, Department of Regional NSW - DPI Fisheries	
11.11am – 11.14am	Stable Isotope Analysis Reveals Differential Niche Plasticity In Co-occurring Temperate Estuarine Fishes James Wong, University of Newcastle	
11.14am – 11.17am	Monitoring Coastal Changes: Quantifying the Data Options Quandary Dylan McLaughlin, University of Wollongong	