



2023 NATIONAL FORUM ON COASTAL HAZARDS

REPORT

5 APRIL 2023

Function Centre

WA Maritime Museum

Victoria Quay Rd Fremantle

Wednesday 29 to Friday 31 March 2023

ACKNOWLEDGEMENT OF OUR HOST COUNCIL

The Australian Coastal Councils Association Inc. would like to acknowledge the interest and support of the City of Fremantle, for the 2023 National Forum on Coastal Hazards. The Association would also like to acknowledge the support of Business Events Perth for the event.

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**The 2023 National Forum on Coastal Hazards
was organized by:**



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The 2023 National Forum on Coastal Hazards was convened by the Australian Coastal Councils Association at the WA Maritime Museum, Fremantle, from 29 to 31 March 2023. It was attended by representatives of coastal councils from all states, in addition to members of the coastal research community and representatives of relevant government agencies. The following presentations are provided as a record for delegates:

PRESENTATIONS

Wednesday 29 March 2023

- **Welcome message** – The Federal Minister for Emergency Services, Senator the Hon Murray Watt, pre-recorded a message to delegates, welcoming them to the event.
- **Strengthening Australia’s Capacity to Respond to Disasters** – Mark Drew, Director, National Capability Programs, Emergency Management and Response Group, National Emergency Management Agency.
- **Coastal Hazards – Planning and Management in WA** – Vivienne Panizza, Planning Policy Manager, Department of Planning, Pands and Heritage, presented an outline of the WA planning and management policy framework, actions specifically addressing coastal hazards and efforts towards national collaboration on a National Coastal Hazards Adaptation Strategy.
- **A Victorian Approach to Coastal Hazard Adaptation** – Dr Elisa Zavadil, Project Manager – Victoria’s Resilient Coast, Department of Energy, Environment and Climate Action, Victoria, presented the background to development of the new Marine and Coastal Act (2018), Policy (2020) and Strategy (2022), with key directions for marine and coastal management and climate change adaptation.

- **CoastAdapt Web Platform** – Assoc Professor Sarah Boulter of the National Environmental Science Program Climate Science Hub at the University of Tasmania, presented an outline of the CoastAdapt Web Platform, which was developed by the National Climate Change Adaptation Resource Facility with Federal Funding as a resource to assist coastal councils to undertake coastal adaptation projects.
- **Managing Coastal Erosion in the City of Fremantle** – Jake Coslin, Senior Coastal Engineer, M P Rogers and Associates, examined the approach adopted by the City of Fremantle to address the impact of coastal erosion at Port Beach, in Fremantle.
- **Use of Artificial Reefs for Coastal Protection Applications** - Professor Ryan Lowe of the University of Western Australia's Oceans Institute, presented the findings of research at UWA which is helping to improve the design of engineered reefs for coastal protection applications.

Thursday 30 March 2023

- **Nature-based Coastal Defence in Australia** – Professor Stephen Swearer and Dr Rebecca Morris, National Centre for Coasts and Climate, The University of Melbourne. Presentations on the National Environmental Science Program project to prepare a national inventory of implemented nature-based solutions to mitigate coastal hazards.
- **Nature-based response to building coastal resilience at Ramblers and the Dell Beach Bellarine Peninsula, Victoria** – Presentation by Ralph Roob, Senior Strategic Environmental Planner, City of Greater Geelong.
- **Insuring for Climate Change: Building a Resilient Australia** – Presentation by Alix Pearce, Senior Manager, Climate Action and Resilience, Insurance Council of Australia, on insurance affordability and availability in a changing climate.
- **Coastal Erosion Hotspots in Western Australia** – Presentation by Matt Eliot, Seashore Engineering, on a state-wide report on coastal erosion hotspots in WA
- **Innovations in Coastal Data Collection** – Presentation on a collaboration between the Peron Naturalist Partnership and the University of Western Australia on the use of CoastSnap in WA to collect data on coastal change, beach conditions and shoreline positions.

Friday 31 March 2023

- **Case study: Geographe Bay Coastal Hazard Risk Management and Adaptation Plan** – Presentation by Paul Needham, Director Planning and Development Services and landowner Greg Tickle, from Siesta Park Holiday Resort, on development of the CHRMAP for Geographe Bay, Western Australia.
- **Coastal Hazards Policy Forum** – Panel discussion on Coastal Hazards policy initiatives

A Welcome Reception for delegates was held on Wednesday 29 March at The Australia II Gallery of the WA Maritime Museum, and the Forum Dinner was held on Thursday 30 March at The Bathers Beach House.