



DRAFT Conference Program

(subject to change)

Monday 18 August 2025



5.30pm – 7.30pm **Welcome Reception**
Halls M&N, Trade Exhibition Area, Adelaide Convention Centre



Tuesday 19 August 2025

8.15am **Conference Registration**
West Entrance Foyer, Adelaide Convention Centre

9.00am – 10.40am Session 1 – Opening Plenary Location: Hall L	
9.00am	Welcome to Day 1
9.05am	Welcome to Country
9.10am	Opening and Welcome
9.20am	Platinum Sponsor Address <i>Coast Protection Board</i>
9.30am	Platinum Sponsor Address <i>McConnell Dowell</i>
9.40am	Platinum Sponsor Address <i>Flinders Ports</i>
10.00am – 10.40am	Keynote Address Ports and Maritime issues and projects for Pacific Islands and SE Asia <i>Justin Cross, Port Strategy, Planning and Development Consultant, Haskoning, Ho Chi Minh City, Vietnam</i>
10.40am – 11.10am	Morning Tea

Session 2 11.10am – 12.38pm	2A: Ports and Maritime	2B: Port Operations and Management	2C: Port Planning	2D: Coastal and Ocean	2E: Blue Economy
Location:	Hall L	L2	L3	City 1 & 2	City 3 & 4
Chair:					
11.10am – 11.30am	Pivot Point: Engineering a Fendered Dolphin for RoRo Vessel Turning Manoeuvres David Ewers WGA	Port Hedland Case Study of Speed Management to Reduce Ship Grounding Risk David Taylor Baird	Off Shore Wind (OSW) Port Logistics “Ventusim” Case study Assessing Weather impact Mahim Khanna Portwise	Climate Adaptation Design Framework Jared Stewart City of Moreton Bay	Understanding potential coastal impacts of an offshore wind project through ocean modelling David Wright RPS
11.30am – 11.32am	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
11.32am – 11.52am	Under Pressure: Challenging Over-Conservatism in Australasian Fender Panel Design Through WG211 Jordan Butler WGA	Applicability of EMW Radar for Defects Imaging on Concrete under Marine Environment Jonas Christian Quero GHD Philippines	Marine Risk Assessment Framework for Ammonia STS bunkering operations in Ports Mahesh Lavand BMT	Drifting and Tracking – Where Do Floating Things Go? Alexis Berthot MetOcean Solutions/MetService	PELAGIO: Combined hydrodynamic and ecological assessment at the Seagreen windfarm Thomas Comerford Sonardyne International
11.52am – 11.54am	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
11.54am – 12.14pm	Solving B2E’s Berthing Challenges with Pivot Fenders Ben Bullock Beca	Management of materials impacted by PFAS and other contaminants at Ports Katrina Locsey GHD	Sustainably Supporting the Energy Transition Jim Hirst WSP	Correlation Between Offshore and Nearshore Storminess Indices Ben Hauben BMT Commercial Australia	C.Y O’Connor Artificial Reef – Analytical comparisons of different numerical modelling approaches Christopher Watson Baird
12.14pm – 12.16pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
12.16pm – 12.36pm	Dynamic Mooring Analysis for Cruise Ships at the Port of Napier Tim Gourlay Perth Hydro	Operational Constraints for Snapback Arresting Structures: Under-Berth Protection at BMA Hay Point Ben Poulter Holmes Solutions	Unlocking the net zero transition through collaboration Aruna Sundaram DNV Australia	Evaluating Coastal Adaptation Policy Joanna Garcia-Webb Water Technology	Floating Breakwaters: Transmission and Reflection Characteristics Stephen Priestley Beca
12.36pm – 1.40pm	Lunch & nextGEN Poster Session			 Lunch Sponsor	 nextGEN Sponsor

Session 3 1.40pm – 3.06pm	3A: Coastal and Ocean	3B: Ports and Maritime	3C: Ports and Maritime	3D: Coastal Processes	3E: Future Proofing
Location:	Hall L	L2	L3	City 1 & 2	City 3 & 4
Chair:					
1.40pm – 2.00pm	NSW-wide probabilistic tsunami inundation hazards from subduction earthquakes Gareth Davies Geoscience Australia	Kamay Ferry Wharves: Creating Resilient, Sustainable and Community Outcomes Jamsheed Bhanja Arup Australia	Hydrocarbons liquids berths in a tidal river Meenakshy Panikkaveetil KBR	Accuracy of Infragravity Energy Predictions in Nearshore Models Stephanie Contardo CSIRO	Effects of Abandoned and Derelict Vessel (ADV) Removal on Beach Morphology Jan Mark Lim GHD
2.00pm – 2.02pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
2.02pm – 2.22pm	Wellington International Airport Sea Defences Renewal –Southern Seawall Option Review Jennifer Hart Beca	Public Ferry Terminals Design Lessons Learned Cristian Alfred Stantec Australia	Quay Transformation - A Sustainable Approach Udaya Kilgour Agilitus	How variable reef roughness affects waves at an alongshore reef Andrew Pomeroy FSC	Offshore Construction Market in Australia Shahed Jafarpour GHD
2.22pm – 2.24pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
2.24pm – 2.44pm	Estimating Wave Overtopping for a Concrete Seabee Revetment inside a Fringing Reef Thomas Fellowes Water Research Laboratory UNSW	Horn Island Passenger Facility Upgrade Project Andrew Turnbull-Miller Shoreline Civil and Marine Consulting	KI Ports Refurbishment Project Lucas Van Woensel Infrastructure Consulting	Accommodating Spatially Varying Tidal Planes in Tsunami Hazard Assessments Matthew Macaulay Geoscience Australia	Consideration of Wave Effects on Outfall Design Jason Antenucci DHI
2.44pm – 2.46pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
2.46pm – 3.06pm	Evaluation of repair methods for damaged rock armoured slopes Colin Whittaker Tonkin + Taylor	Design and Construction of Pacific Work Boat Harbours Shaun Giddy Haskoning	Balancing Risk and Functionality: Designing Temporary Structures for KI Ports Upgrades Rohan Parkhill Magryn & Associates	Statewide Coastal Erosion Assessment of South Australia – Balancing Innovation and Judgement Ben Perry Hatch	The Cost of Rising Seas at Australian Ports Timothy Watson Arcadis Australia
3.06pm – 3.40pm	Afternoon Tea				

Session 4 3.40pm – 5.06pm	4A: Coastal and Ocean	4B: Ports and Maritime	4C: Ports and Maritime	4D: Coastal Processes	4E: Future Proofing
Location:	Hall L	L2	L3	City 1 & 2	City 3 & 4
Chair:					
3.40pm – 4.00pm	Bronte Seawall Upgrade to Protect Australia's Oldest SLSC from Coastal Hazards Ian Coghlan Water Research Laboratory UNSW	GatewaySA Container Wharf Extension Option Selection: Leveraging ECI for Optimal Design David McKay WGA	Optimising marine pile design: The Mardie Salt & Potash export jetty Luke Campbell WGA	Field measurements of morphodynamic responses of pocket beaches to seasonal forcing Charlotte Uphues Flinders University	Tsunami Hazard Assessment for Port Hedland Burak Uslu OMC International
4.00pm – 4.02pm	Changeover	Changeover	Changeover	Changeover	Changeover
4.02pm – 4.22pm	Challenges of Legacy Geotextile Sand Containers Toby Devlin Water Technology	TasRail Port of Burnie Berth 5 Shiploader Replacement Wyndham Bird Aspec Engineering	Esoteric Issues Relating to Piling Nello Siragusa Trinacria Consulting	Practical methods to assess coastal cliff hazards, risk and adaptation actions Patrick Knook Tonkin + Taylor	Kalundu port refurbishment project to cope with climate change in Tanganyika Lake Virginia Martin Paris Typsa
4.22pm – 4.24pm	Changeover	Changeover	Changeover	Changeover	Changeover
4.24pm – 4.44pm	Mandorah Marine Facility – The evolution of an Alternative Design Joris Jorissen WGA	New Guidance for Mooring Large Ships at Quay Walls Nerea Palacios WSP	South Paray Domestic Wharf, Vanuatu – Piling in Coralline Material Kane Satterthwaite Beca	Marine Traffic Risk Assessment (MTRA) of Ammonia Bunkering Hamid Fanai BMT	Upgrades of Wellington Airport sea defences: design and validation using physical modelling Francois Flocard Water Research Laboratory UNSW
4.44pm – 4.46pm	Changeover	Changeover	Changeover	Changeover	Changeover
4.46pm – 5.06pm	Wave overtopping velocity at the crest of seawalls Michael Olarewaju Griffith University	Integrating automated mooring systems into high cycle transshipment ports Ben Knowles Agilitus	TasPorts Berth 2E Scour Risk Assessment Gareth Robertshaw Beca	Testing wave transmission: Reproducing mussel farm dynamics in a numerical model Mariana Cussioli MetOcean Solutions/MetService	Merging long-term adaptive planning with adaptive designs in the Pacific Tom Shand Tonkin + Taylor

5.06pm Close of Day One

5.20pm – Women in Coastal Geoscience and Engineering Function

7.20pm City Rooms, Adelaide Convention Centre

HATCH

7.30pm – Young Professionals Networking Function

9.30pm Home Ground, Adelaide Convention Centre

 **Haskoning**
Enhancing Society Together

Wednesday 20 August 2025

Conference Registration

8.30am

West Entrance Foyer, Adelaide Convention Centre

Session 5 9.00am – 10.50am	5A: Ports and Maritime	5B: Ports Operations and Management	5C: Ports and Maritime	5D: Coastal Processes	5E: Future Proofing
Location:	Hall L	L2	L3	City 1 & 2	City 3 & 4
Chair:					
9.00am – 9.20am	PIANC WG225 – Update of the seismic design guidelines for port structures Marc Percher GHD	Innovative methods to provide sustainable life extension to reinforced concrete Port structures Andrew Dickinson Vector Corrosion Technologies	Extending Wharf Design Life with Jackup Piles without disruption to Port Operations Nicholas Ayres Commercial Marine Group	Insights from spectral swell and wind-sea partitioning during Tropical Cyclone Kirrily John Ryan Department of Environment, Tourism, Science and Innovation	Reinstating the coastal access road to Point Hicks Lighthouse Kevin Yu FSC
9.20am – 9.22am	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
9.22am – 9.42am	Climate Change: Impacts, Adaptation, and Sustainability for Ports and Maritime Infrastructure Sam Mazaheri Daly Bay Terminal	Innovative and Sustainable Infrastructure Management: Queens Wharf, Lautoka, Fiji Case Study Nate Berends Marine and Civil Maintenance	Hydrodynamic Water Quality Modelling for Maritime Design and Approvals in Cockburn Sound Sophie Roberts BMT	Comparison of Coupled SCHISM/WWM-III and DelftFM/SWAN for Wave-Current Dynamics in Tidal Inlets Holly Watson MetOcean Solutions/MetService	Basic Raw Material Study – Western Australia Brendan Garvey M P Roger & Associates
9.42am – 9.44am	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
9.44am – 10.04am	Design Approach for Rock-filled Mattresses as Scour Protection Systems at Berthing Structures Matteo Lelli Maccaferri	Port Botany Bulk Liquid Berth 1 Foam Replacement: Transitioning Away from PFAS Mark Jafar NSW Ports	Navigating the Digital Wave: Challenges in Digitisation of Geraldton Fishing Boat Harbour Paul Turney SMEC Australia	Statistical clustering of beach profiles for a storm erosion early warning system Oxana Repina Griffith University	Business case for climate adaptation in ports Ron Cox Water Research Laboratory UNSW
10.04am – 10.06am	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
10.06am – 10.26am	An Update to PIANC Design Principles for Dry Bulk Marine Terminals Grace Go Aspec Engineering	Coating repairs – Spot the difference Alex Shepherd Remedy Asset Protection	Port Botany On-Dock Rail Investment Program Shane Freeman NSW Ports	Working towards improved coastal hazard warnings: insights from forecast to projection timescales Paul Bierman Bureau of Meteorology	Small Islands, Big Ocean – Establishing Sea Level Reference Datums in the Pacific Islands Matt Blacka Climate Change Cook Islands
10.26am – 10.28am	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
10.28am – 10.48am	New ASCE/COPRI Design Standards for Piers and Wharves Omar Jaradat Moffatt & Nichol	Advanced Engineering Practices to Extend the Life of Port Assets Phil Cutter Rockfield Technologies Australia	Mistaken Island Jetty Head Upgrade: Multi-Criteria Option Ali Bardideh Stantec	Revisiting Storm Demand Curves For Coastal Erosion: Narrabeen Beach, NSW Mitchell Harley UNSW	Outlook for sustainability requirements and expectations in ports and coastal organization Tessa Wade Worley Consulting
10.480am – 11.20am	Morning Tea				

Session 6 11.20am – 1.08pm	6A: Coastal and Ocean	6B: Dredging and Reclamation	6C: Technology and Digital	6D: Coastal Planning	6E: Working With Nature
Location:	Hall L	L2	L3	City 1 & 2	City 3 & 4
Chair:					
11.20am – 11.40am	An in-depth analysis of formulas for the stability of rock armoured structures Amir Etemad-Shahidi Griffith University	Navigating Sedimentation: Insights and Projections for the Port of Melbourne Jesper Nielsen DHI Seaport	Enhancing Maritime Safety with Real-Time Air Draft Measurements using LiDAR technology Rowan Murcott OMC International	The Sand State of Origin Angus Gordon OAM Coastal Zone Management and Planning	New Zealand Ship Noise Management Craig Fitzgerald Marshall Day Acoustics
11.40am – 11.42am	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
11.42am – 12.02pm	Wave-induced erosion of engineered soil slopes, a feasible alternative to rock protection? Martijn Klabbers Worley Consulting	Erosion risk management of contaminated dredged material for the Port of Melbourne Michael Miloshis Water Technology	3D Reality Modeling and AI-driven Defect Management for Port Infrastructure Liam Holloway Mend Consulting	Concept Design of the New Bowen Wharf Tim Murfet Arup	Measurement and Mitigation of Underwater Noise from Piling in Shallow Water Environments Nick Henrys McConnell Dowell
12.02pm – 12.04pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
12.04pm – 12.24pm	Cervantes beach nourishment designed to work with nature Astrid Stuer Water Technology	Measuring the Impact of Dredging on Seagrass Ian Wallis Consulting Environmental Engineers	Powering Intelligent Ports & Regions with IoT & AI for Sustainable Futures Catherine Caruana-McManus Meshed	Sympathetic Design and Construct methods for an environmentally and culturally sensitive project Michael Kipreou McConnell Dowell	Steering a New Course in Our Understanding of Ports Nicole Boyd KBR
12.24pm – 12.26pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
12.26pm – 12.46pm	Hobsonville Seawall, Auckland, NZ - Coastal Processes/Hazards, Revetment Design & Construction Supervision Shaw Mead eCoast	Large-scale acid sulfate soil management during capital dredging – challenges and solutions Tim Smith Port of Townsville	Integrating Asset and Operational Data: Digital Twins and AI for Optimised Ports Aycin Aykutalp Nextport	Using photogrammetry and change analysis to monitor sand movement on Adelaide beaches Bailey O'Brien Aerometrex	Creating a reef to compensate for habitat loss and enhance biodiversity for a major coastal infrastructure project Marcus Cameron Tonkin + Taylor
12.46pm – 12.48pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
12.48pm – 1.08pm	Assessing NSW Breakwater Repair Design and Modelling Methodologies Over Three Decades Indra Jayewardene Manly Hydraulics Laboratory	Water Injection Dredging: Advancing Environmentally Sustainable Dredging Practices in Australia Shameeka Nanayakkara in2dredging	Port Botany Berthing Aid System Carsten Varming NSW Ports	Auckland Transport's Coastal Resilience and Adaptation Action Plan Ashishika Sharma Auckland Transport	Performance of hybrid oyster reefs for coastal protection: from design to implementation Ryan Lowe The University of Western Australia

1.30pm – 5.30pm

Technical Tours

Collect lunch pack from foyer before departure

7.00pm – 11.00pm

Conference Dinner

Hall F, Adelaide Convention Centre

Thursday 21 August 2025

Conference Registration

8.30am

West Entrance Foyer, Adelaide Convention Centre

Session 7 – Plenary Location: Hall L					
9.00am – 9.55am	Opening remarks – NCCOE and PIANC Chairs				
9.15am – 9.55am	Keynote Address SA Climate Ready Coasts: Accelerating Coastal Hazard Adaptation <i>Michael Arman, Director, BRM Advisory, Adelaide, South Australia</i>				
Session 8 10.00am – 11.06am	8A:	8B: Ports and Maritime	8C: Technology and Digital	8D: Coastal Processes	8E: Future Proofing
Location:	Hall L	L2	L3	City 1 & 2	City 3 & 4
Chair:	Andrew Pomeroy				
10.00am – 10.20am	Panel Discussion for Local Government SA Climate Ready Coasts: Accelerating Coastal Hazard Adaptation 	Bridges & Vessel Collision Lessons for Bridge Designers from Fender Design Scott Snedden Infrastructure Consulting	Sustainability through Technology & Collaboration Brendan Curtis OMC International	CoastRI: A National Coastal Research Infrastructure Initiative Rebecca Zitoun IMOS – Integrated Marine Observing System	Overcoming the Valley of Despair - Optimising Decarbonisation in Australian Ports David Hanly Arcadis
10.20am – 10.22am		<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
10.22am – 10.42am		Overcoming Engineering Challenges in Floating Mangrove Wave Attenuator Design Myuran Kathekeyan KBR	Reality Check: Merging 3D Models and BIM for Smarter Structural Remediation Stephan Dickinson WGA	Development of Metocean Conditions off the Coast of Alkimos, Western Australia Hadi Sadeghian Jacobs	Changing Coastal Dynamics - an impacted building Robert Sirasch
10.42am – 10.44am		<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
10.44am – 11.04am		Demolition and Reconstruction of an Operational Asset's Marine Foundations Jordan Gray Maritime Constructions	Dashboard utilization for water quality monitoring Anna Skillington Vision Environment	Modelling of Ambient Suspended Sediment Concentration in Western Port Nikta Iravani Haskoning	Combi-wall design in low-bearing capacity soils Daniel Zamora Acciona Engineering and Design
11.04am – 11.30am	Morning Tea				

Session 9 11.30am – 12.34pm	9A: Coastal and Ocean	9B: Dredging and Reclamation	9C: Port Planning	9D: Coastal Processes	9E: Working With Nature
Location:	Hall L	L2	L3	City 1 & 2	City 3 & 4
Chair:					
11.30am – 11.50am	Coastal Adaptation in Encounter Bay: Managing Wave Overtopping and Future Risks Will Souter Magryn & Associates	Settling Behaviour of Estuarine Sediments – Analysing Sediment in Suspension Hayden Nichols Moffatt & Nichol	Master Planning for the (4th) Industrial Revolution Michael Houen Hatch	A rapid-deployment technique for high resolution measurements of dune erosion during storms Stefano Conti Water Research Laboratory UNSW	Evaluating Nearshore Placement Success of Dredged Sediments at Port of Geraldton Kylie Reynolds Mid West Ports Authority
11.50am – 11.52am	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
11.52am – 12.12pm	Innovative Nearshore Breakwaters: Protecting Cairns from Erosion and Cyclone Impacts Sam King International Coastal Management	Bridgewater Bay waterfront redevelopment engineering and architectural design considerations Gildas Colleter Water Technology	Rabaul Port Development Amer Kazemiaski Stantec	Shoreline Modelling on Embayed Beaches Using Planform Equations Bixuan Dong	Engineering Positive Outcomes for Mangroves Stuart Bettington Haskoning
12.12pm – 12.14pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
12.14pm – 12.34pm	Improving a key recreational boating asset –turning user experiences into engineering design Eloise Rossetto KBR	A Sustainable and Cost-effective Solution for Sediment Remediation Joe Mifsud University of South Australia	Short Time Measurement System for Container Handling Equipment Diesel Usage and Emissions David Holder Swinburne University of Technology	Application of Parabolic Bay Equation to Embayment beaches in Western Australia Kusalika Ariyaratne Water Technology	Experimental Performance and Observations of Brushwood Walls for Coastal Protection Michael Peterson The University of Western Australia
12.34pm – 1.30pm	Lunch				

Session 10 1.30pm – 2.56pm	10A: Ports and Maritime	10B: Dredging and Reclamation	10C: Ports and Maritime	10D: Coastal and Ocean	10E: Coastal Planning
Location:	Hall L	L2	L3	City 1 & 2	City 3 & 4
Chair:					
1.30pm – 1.50pm	Designing for boat generated waves and sea in estuaries Rick Plain Moffatt & Nichol	Embedding emerging monitoring techniques to support capital dredging management Anna Boden GHD	IOR Lytton Terminal Upgrade Marine Works - Tetris in Real Life Jay McIntyre Madsen Giersing	Sustainable Urban Coastlines: Integrating Resilience, Nourishment, and Public Benefit Angus Jackson International Coastal Management	The Potential for Ocean Pools in Adelaide, South Australia James Carley Water Research Laboratory UNSW
1.50pm – 1.52pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
1.52pm – 2.12pm	Extending the Life of Infrastructure in the Pacific Ronan Lane Stantec	An improved method for topography mapping in turbid waters Zhixin Cheng	Roy Hill Stanley Point Berth 3 Value Engineering and 30% Design Richard Morgan Aspec Engineering	Mitigating the threat of a breach at Bird Island Sin Nyap Tan WGA	Waitaki District Coastal Management Reza Shafiei Beca
2.12pm – 2.14pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
2.14pm – 2.34pm	Cadiz Container Terminal. Concrete Caissons. Design and Construction Irene Megia Acciona Engineering and Design	Environmental Management for 'Top End' Dredging: Effective Data Collection for Model Validation Doug Shooter KBR	Port Botany Lead Light Replacement Kaveh Espandar AWMaritime	Revetment rock armour stability under depth-limited breaking waves Alexander Nielsen Worley	Limestone Coast Adaptation Planning Tessa Syvertsen FSC
2.34pm – 2.36pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
2.36pm – 2.56pm	Innovative Utilisation of FRP in Maritime Infrastructure: Advancing Durability and Sustainability Ali Mohammed WagnersCFT	Port Operation Digitalization with Maritime Single Window and Port Community System Soumya Senadheera Fifteen50 Consulting	Design and Construction of Sheet Piled Wall at Outer Harbor Berth 4 Marcus Kernahan Maritime Constructions	Physical modelling for a porous-surfaced elevated public boat ramp Senarath Weerakoon Maritime Safety Queensland	Coastal Redvelopment at Te Nukutai o Tapoa – Naval Point Kristine Bouw Christchurch City Council
2.56pm – 3.30pm	Afternoon Tea				

Session 11 1.30pm -	11A: Ports and Maritime	11B: Port Operations and Management	11C: Technology and planning	11D: Coastal and Ocean	11E: Working With Nature
Location:	Hall L	L2	L3	City 1 & 2	City 3 & 4
Chair:					
3.30pm – 3.50pm	Slip Road Redesign Works Masoud Hosseini Stantec	Integrated Supply Chain Approach to Port Option Selection Nikul Ramesh WSP	Understanding Models - A Legal Perspective Pauline Leung GHD	Wave loads on coastal structures Ermanno de Almeida Water Technology	Added Value of Nature-based Solutions (NbS) in Coastal Projects Robijn Brongersma Boskalis
3.50pm – 3.52pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
3.52pm – 4.12pm	Constructability tools to optimize solutions minimizing port disruption Hamilton Subsea Pipeline Oliver Beecheneer Commercial Marine Group	Wave Forecast Performance Improvements Using Data Mining and Real-time Data Assimilation Andrew Bradford Baird Australia	Transforming Betio Port: a stakeholder led 25-year vision Hayden Chrzanowski Arup	Design of Resilient Saltwater Intake Structures: Challenges and Solutions Zay Zin Hatch	Case Study - Te Ara Tupua Artificial Reefs Alex Normandeau Brian Perry Civil
4.12pm – 4.14pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
4.14pm – 4.34pm	Wharf structural design for efficient outcomes Martin Kirkpatrick Beca	Optimizing Container Parking in Australian Terminals: A Simulation-Based Automation Approach Kashif Ali	IMOS Coastal Wave Buoys: establishing a national wave buoy network Michael Cuttler The University of Western Australia	Blocks vs rocks: a holistic concrete armour unit examination for breakwater design Michael Paine Tonkin + Taylor	MAST Facilities – Climate Risk Assessment Jack Knight Burbury Consulting
4.34pm – 4.36pm	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>	<i>Changeover</i>
4.36pm – 4.56pm	Smart Bollard: Real-time Monitoring of Mooring Loads for Port Safety and Efficiency Chris Millwood Specialist Port Equipment	Key Challenges in Upgrading Port Fire Foam Systems from PFAS to Fluorine-Free Solutions Dave Afshari Fire Engineering Solutions QLD	Assessing Breakwater Impact on Port Operability: Port of Townsville Mark Bennet WGA	Building Resilience: Physical Modelling and Theoretical Insights for Seawall Revetment Adaptation Megan Liu Manly Hydraulics	Time (and regulation) heals? Decreasing metal contamination around a coastal smelter Craig Styan University of South Australia
Session 12– Plenary Location: Hall L					
5.00pm – 5.20pm	Closing remarks				
5.20pm	Close of Conference				