



INVITATION TO REGISTER

Working with Nature for Climate-Resilient Ports and Waterways Online Workshop Sponsored by PIANC and Navigating a Changing Climate September 14 and 15, 2021

PIANC’s Environment Commission (EnviCom) and Navigating a Changing Climate Partnership are collaborating to deliver the virtual workshop, **Working with Nature for Climate-Resilient Ports and Waterways**. The workshop will comprise two sessions building on the February 2021 sediment management and climate change workshop held by Navigating a Changing Climate and SedNet.

The workshop is designed to facilitate knowledge exchange, disseminate good practice, highlight opportunities, and identify gaps in understanding or research needs. It also will provide opportunities for dialogue and networking, in turn strengthening this professional community of practice.

The two-hour sessions will feature a keynote speaker, case studies and facilitated roundtable discussions. Each session will be recorded.

<p>SESSION 1</p> <p>September 14, 2021 14.00 (2:00 pm) Greenwich Mean Time (UTC)</p> <p>Register now</p>	<p>Scaling Up and Changing Entrenched Current Practice</p> <p>Learn how to transition nature-based coastal and inland resiliency projects from concept and pilot-scale to full-scale, and persuade those who prefer to carry on with business as usual to explore nature-based solutions to help strengthen resilience to the changing climate. <i>See attached agenda.</i></p>
<p>SESSION 2</p> <p>September 15, 2021 07.00 (7:00 am) Greenwich Mean Time (UTC)</p> <p>Register now</p>	<p>Making the Business Case and Securing Finance</p> <p>Preparing the case for investment and how to facilitate public and private sector funding for nature-based climate change adaptation and resiliency projects. <i>See attached agenda.</i></p>

Workshop Organising Committee

- Victor Magar, PIANC EnviCom and Ramboll (Host)
- Kate Panayotou (GHD), Burton Suedel (USACE) and Paul Scherrer, PIANC EnviCom
- Jan Brooke, Navigating a Changing Climate
- Luca Sittoni, EcoShape

[PIANC](#), the World Association for Waterborne Transport Infrastructure, provides the global waterborne transport community with expert guidance, recommendations, and technical advice. [Navigating a Changing Climate](#) is a PIANC-led Global Climate Action initiative under the United Nations Framework Convention on Climate Change.



SESSION 1: AGENDA

Working with Nature for Climate-Resilient Ports and Waterways Online Workshop Sponsored by PIANC and Navigating a Changing Climate

SESSION 1: September 14, 2021	
14.00 (2:00 pm) Greenwich Mean Time (UTC)	
New York, USA	10:00 am–12:00 pm
London, UK	15:00–17:00
Central Europe	16:00–18:00
Sydney, Australia	24:00–02:00

Scaling Up and Changing Entrenched Current Practice. Learn how to transition nature-based coastal and inland resiliency projects from concept and pilot-scale to full-scale, and persuade those who prefer to carry on with business as usual to explore nature-based solutions to help strengthen resilience to the changing climate.

Session Facilitator

Victor Magar, PhD, PE, Ramboll

Keynote Speaker

Scott Douglas, Dredging Program Manager for the Office of Maritime Resources, New Jersey Department of Transportation

Title: The role of beneficial use of dredged material in building resiliency for coastal habitat and communities; opportunities and challenges in moving toward a more sustainable model

Workshop Presenters

Lead Author	Lead Institution	Abstract Title
Andrew Rella	ECONcrete Tech. Ltd.	The ECONCRETE® Port of San Diego Blue Economy Pilot Project
Tom Ravens	George Mason University, University of Alaska	Nature-Based Approaches for Stabilizing Arctic Ports
Isabel Schreiber	Federal Waterways Engineering and Research Institute, Hamburg, Germany	Ways to Successful Implementation of Nature-Friendly Bank Protections in Tidal Waterways
Enda Murphy	NRC-CNRC Ocean, Coastal & River Engineering Research Centre, National Research Council, Canada	Towards Canadian Guidelines on the Use of Nature-Based Features in Coastal Flood and Erosion Risk Management
Randy Mandel	Ramboll	Integrating Engineering with Ecology and Natural Resource Economics to Emphasize Coastal and Habitat Resilience



SESSION 2: AGENDA

Working with Nature for Climate-Resilient Ports and Waterways Online Workshop Sponsored by PIANC and Navigating a Changing Climate

SESSION 2: September 15, 2021	
07.00 (7:00 am) Greenwich Mean Time (UTC)	
New York, USA	3:00–5:00 am
London, UK	08:00–10:00
Central Europe	09:00–11:00
Sydney, Australia	17:00–19:00

Making the Business Case and Securing Finance. Preparing the case for investment and how to facilitate public and private sector funding for nature-based climate change adaptation and resiliency projects.

Session Facilitator

Luca Sittoni, PhD, Deltares, Wetlands International, and EcoShape – Building with Nature

Keynote Speaker

Pieter Van Eijk, Wetlands International and EcoShape – Building with Nature

Title: Enabling Building with Nature for Climate – the Asia case study

Workshop Presenters

Lead Author	Lead Institution	Abstract Title
Gordon Dwane	Gladstone Ports Corporation	Justification for Seawall Habitat Enhancement in the Port of Gladstone
Colin Scott	ABPmer	How to waste less of our 'waste': Seeking to deliver more coastal habitat restoration with dredged sediment by better understanding the costs, benefits and beneficiaries
Craig Wilson	Port of Brisbane, Australia	An innovative cost-effective stormwater management alternative
Sabine Apitz	SEA Environmental Decisions, Ltd	Applying the Ecosystem Service Concept to Waterborne Transport Infrastructure
Arjan Hijdra	Vital Ports	Finance of Sustainable Waterborne Infrastructure: A Work in Progress (Part I)
Erik Payen	Swiss Re	Finance of Sustainable Waterborne Infrastructure: A Work in Progress (Part II)