

Decade Collaborative Centre for Coastal Resilience Workshop “Sharing best practices in the sustainable management of coastal environments”

Agenda

Meeting details

Date: 12 December 2023

Time: 9:30 – 18:30

Location: Palazzo Malvezzi, via Zamboni 22, Bologna

Purpose of the meeting

The workshop aims to present a wide range of experiences and localized safeguard and adaptation strategies for coastal zones. Starting from the methods and experiences adopted in the Emilia-Romagna region, the workshop will continue by introducing cases from other regions of the world and a session dedicated to different areas of intervention to promote and implement successful policies for coastal resilience.

Il workshop mira a presentare una vasta gamma di esperienze e strategie localizzate di salvaguardia e adattamento per le zone costiere. Partendo dai metodi e dalle esperienze adottate nella regione Emilia-Romagna, il workshop continuerà introducendo casi provenienti da altre regioni del mondo e una sessione dedicata alle diverse aree di intervento per promuovere e attuare politiche di successo per la resilienza delle coste.

Agenda

Welcome and introduction (9:30-10:00)

- 9:30-9:35 – Welcome from DCC-CR (Andrea Valentini, DCC-CR/University of Bologna)
- 9:35-9:40 – Welcome from University of Bologna (Alberto Credi, University of Bologna)
- 9:40-9:45 – Welcome from Emilia-Romagna Region (Morena Diazzi, Emilia-Romagna Region)
- 9:45-10:00 – Introduction to DCC-CR activities (Nadia Pinardi, DCC-CR/University of Bologna)

Session 1 (10:00-11:00): Local Experiences in Emilia-Romagna (Chair: Elena Fabbri, University of Bologna)

- 10:00-10:20 – Critical issues and strategies for the management and adaptation of the Emilia-Romagna coastline to climate change (Monica Guida, Luisa Perini, Roberto Montanari, Emilia-Romagna Region)
- 10:20-10:40 – Advanced monitoring and modelling systems as tools for supporting adaptation and mitigation strategies in coastal zones on regional scale. The experience of

the Emilia-Romagna Environment Energy Prevention Agency (ARPAE) (Giuseppe Bortone, ARPAE)

- 10:40-11:00 – Turning tides: An urban sustainable development approach to coastal resilience for Rimini (Alessandra Pesaresi, City of Rimini)

Coffee break (11:00-11:15)

Session 2 (11:15-12:30): The Tecnopolo and scientific innovation for the Region (Chair: Hauke Reuter, Leibniz Centre for Tropical Marine Research, Germany)

- 11:15-11:30 Introduction to the Tecnopolo (Morena Diazzi, Emilia-Romagna Region)
- 11:30-11:50 Supercomputing and AI for high-resolution forecasts and scenarios simulations (Gabriella Scipione, CINECA)
- 11:50-12:10 ECMWF research and products in support to coastal resilience (Andrea Montani, ECMWF)
- 12:10-12:30 ItaliaMeteo: Towards a national met-ocean service to support coastal resilience and environmental sustainability (Carlo Cacciamani, ItaliaMeteo)

Lunch (12:30-13:30)

Session 3 (13:30-15:20): Comparing regional best practices around the world (Chair: Vivianne Solis Weiss, National Autonomous University of Mexico, Mexico)

- 13:30-13:50 – Restoration of coastal wetlands in China: Chances and challenges (Xiuzhen Li, East China Normal University, China)
- 13:50-14:10 – Fostering collaborative approaches for protecting Nigeria's coastal ecosystems through sustainable management strategies (Uchi Dominic Terhile, Abubakar Tafawa Balewa University, Nigeria)

Break (10 mins)

- 14:20-14:40 – The Netherlands coastal resilience strategy and vision (Ghada El Serafy, Robyn Gwee, Loreta Cornacchia, Deltares, the Netherlands)
- 14:40-15:00 – Perspectives on coastal management and resilience in the Caribbean (Lorna Veronica Inniss, IOC-UNESCO, Colombia)
- 15:00-15:20 – From detection to action: The Indian tsunami early warning system (Sunanda Manneela, INCOIS, India)

Coffee break (15:20-15:50)

Session 4 (15:50-17:20): Perspectives and approaches for coastal resilience (Chair: Bernardo Aliaga, Intergovernmental Oceanographic Commission of UNESCO, France)



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- 15:50-16:10 – Legal aspects of integrated and sustainable management of coastal zones (Greta Tellarini, University of Bologna)
- 16:10-16:30 – Reversing the viewpoint over the land-sea dichotomy: Yachting tourism as a potential trigger of coastal resilience (Alessia Mariotti, Alberto Forte, University of Bologna)

Break (10 mins)

- 16:40-17:00 – The GlobalCoast initiative: Transformative science to save our coast (Giovanni Coppini, CMCC)
- 17:00-17:20 – Venice, a window to the future (Venice adapting to Sea Level Rise) (Pierpaolo Campostrini, CORILA)

17:30-18:30 Guided tour of the Marsili Museum, University Library of Bologna

20:00 Social dinner