



CONFCOMMERCIO  
IMPRESE PER L'ITALIA

# CoCliCo



coastal climate core services

## WORKSHOP

### *Resilient management of coasts, ports and shipping*

Thursday, 26 January 2023

Venue: Federlogistica – Conftrasporto  
Piazza Gioacchino Belli, 2 – 00153 Roma



## WORKSHOP

9:00 Registration open

9:30 Welcome address

Luigi Merlo, *president of Federlogistica*

Alessandro Santi, *president of FederAgenti*

Stefano Laporta, *president of National Institute for Environmental Protection and Research - ISPRA*

Maurizio Ferla, *head of National Center for Coastal Protection and Operational Oceanography - ISPRA*

Gianmaria Sannino, *head of division Models and Technologies for disaster risks reduction - ENEA*

Roberto Tomasichio, *Director of the Center for resilient ports management and AIOM*

### SESSION 1: The challenge: ports, logistics and climate change - CoCliCo

**Co-Chairs: Alessandro Santi and Paolo Menegazzo**

10:00 Climate change and logistics

Luigi Merlo, *Conftrasporto - Federlogistica*

10:15 Coastal adaptation challenge: examples in Greece

Theofanis Karambas, *Aristotle University of Thessaloniki*

10:30 Sea-level rise adaptation challenges in the IPCC report

Gonéri Le Cozannet, *French Geological Survey*

**10:45 – 11:15 Coffee break**

### SESSION 2: Climate services supporting coastal adaptation in ports and coastal areas

**Co-Chairs: Carme Castaner and Maurizio Ferla**

11:15 Assessment of adaptation to climate change of port infrastructures

Javier Lopez Lara, *IH-Cantabria*

11:30 The Copernicus Marine service: what are the plans to better serve coastal users ?

Valentina Giunta, *Mercator Ocean*

11:45 Sea-level rise projections in the Mediterranean: what do we have? What is needed ?

Gianmaria Sannino, *ENEA*

12:00 Integrated climate downscaling for the coastal ocean

Vladimir Santo da Costa, *CMCC*

## WORKSHOP

### SESSION 3: The CoCliCo Project

**Co-Chairs: Gonéri Le Cozannet and Theofanis Karambas**

- 12:15 The CoCliCo project: objectives and status  
Adina Creugny, *French Geological Survey*
- 12:30 Coastal adaptation to sea-level rise: user priorities and narratives from the CoCliCo Project  
Paul Sayers, *Paul Sayers & P.*
- 12:45 The coastal cities decision case study in CoCliCo  
Carme Castaner, *ICLEI Europe*
- 13:00 The CoCliCo platform: status and plans  
Arjen Luijendijk, *Deltares*
- 13:15 DISCUSSION on the user needs and usefulness of CoCliCo  
Facilitated by Paul Sayers, *Paul Sayers & P.*, and Arjen Luijendijk, *Deltares*

**13:45-14:30 Lunch**

### SESSION 5: Wave conditions

**Co-Chairs: Enrico Foti and Arjen Luijendijk**

- 14:30 Sea state observation for Italian seas: experience in ISPRA toward an integrated monitoring system  
Marco Picone, *ISPRA*
- 14:45 Analysis of the performance and dynamical response of a wave buoy from the Italian Buoy Network  
Luigi Cavaleri and Alvisè Benetazzo, *CNR-ISMAR Venezia*
- 15:00 On the sea state hindcasting: the multivariate isotropic Buoy-Ungauged Generator (iBUG) procedure  
Gianfausto Salvadori, *UniSalento - Center for resilient ports management*
- 15:15 Innovative aspects of physical sea state monitoring using the HF radar networks  
Giuseppe Ciraolo, *University of Palermo*
- 15:30 Wind waves in the Mediterranean Sea: climatology and future scenarios from meteo-ocean models  
Francesco Barbariol e Silvio Davison, *CNR-ISMAR Venezia*
- 15:45 The forecast of meteo-marine events in a climate change era, perspectives, and future developments  
Alvisè Papa, *Centro Previsioni e Segnalazioni Maree del Comune di Venezia*

## WORKSHOP

**16:00 – 16:30 Coffee break**

### **SESSION 4 - Sea Level Rise and use of coasts, waterways, ports and land**

**Co-Chairs: Gianmario Sannino and Roberto Tomasicchio**

- 16:30 A direct scaling analysis for Sea Level Rise projections  
Felice D'Alessandro, *University of Milano*
- 16:45 The paradigmatic case of the Venice lagoon: a compound investigation and a stakeholder perspective  
Gianfausto Salvadori, *UniSalento - Center for resilient ports management*
- 17:00 Venice and the MoSE: from resilient to antifragile town ?  
Enrico Foti, *University of Catania*
- 17:15 Channeling The Green Deal for Venice: Malamocco-Marghera navigation channel - Study of operational and structural solutions to achieve a sustainable navigation  
Andrea Pedroncini, *DHI* and Paolo Menegazzo, *North Adriatic Sea Port Authority*
- 17:30 Coastal erosion and coastal flooding: vulnerability and analysis of the Venetian littoral  
Piero Ruol and Chiara Favaretto, *University of Padova*
- 17:45 Conclusions  
  
Person to be invited
- 18:10 Closing

**21:00 Social dinner** (self-paid, reservation requested)