



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
4th floor – room Abbascià



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*
Roberto Morabito, *head of Department for Sustainability - ENEA*
Maurizio Ferla, *head of National Center for Coastal Protection and Operational Oceanography - ISPRA*
Gonerì Le Cozannet, *French Geological Survey*
Roberto Tomasicchio, *Director of the Center for resilient ports management and AIOM*

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

Chair: Paolo Menegazzo

- 10:00 Climate change and logistics
Alessandro Santi, *Conftrasporto - FederAgenti*
- 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 Recent sea-level rise projections for the Mediterranean
Gianmaria Sannino, *ENEA*
- 12:00 Integrated climate downscaling for the coastal ocean
Vladimir Santo da Costa, *CMCC*

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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
Carne 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 4: 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 Alvise 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 Ciruolo, *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
Alvise Papa, *Centro Previsioni e Segnalazioni Maree del Comune di Venezia*

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16:00 – 16:30 Coffee break

SESSION 5: 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**
- 18:10 Closing

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