



Coastal Zone and Sea Management and Protection

September, 21st-22nd-23th
FERRARA EXHIBITION CENTER

www.remtechexpo.com

COAST EXPO CONFERENCE PROGRAMME

21st September 2016	<p>Blue Room: 10:00-13:30 National Ports Conference Organized by Paolo Ferrandino</p> <p>Blue Room: 14:30-17:30 National Guidelines on coastal erosion - Opening session Organized by Roberto Montanari, Paolo Ciavola</p> <p>Coast Room: 14:30-17:30 National Guidelines on coastal erosion - 2nd session: Coastal erosion and climate change. Critical issues scenarios - Organized by Angela Barbano, Massimiliano Fazzini</p>
22nd September 2016	<p>Coast Room: 10:00-13:30 National Guidelines on coastal erosion - 1st session: Coastal erosion and climate change. Adaptation strategies and needs assessment - Organized by Luigi Cipriani</p> <p>Coast Room: 10:00-13:30 National Guidelines on coastal erosion - 2nd session: Coastal defence works. Analysis tools and strategies for their use - Organized by Pierluigi Mancuso, Francesco Lalli</p> <p>Coast Room: 14:00-17:30 National Guidelines on coastal erosion - 1st session: Sediments resources. Potential and environmental aspects of wreck marine sedimentary deposits - Organized by Paolo Lupino</p> <p>Coast Room: 14:00-17:30 National Guidelines on coastal erosion - 2nd session: Sediments resources. Potential and environmental aspects of coastal deposits and in river basins - Organized by Daniela Paganelli</p>
23rd September 2016	<p>Coast Room: 10:00-13:30 National Guidelines on coastal erosion - 1st session: Regulatory framework Organized by Giorgia Filomena</p> <p>Coast Room: 10:00-13:30 National Guidelines on coastal erosion - Closing session Round Table on European and Mediterranean opportunities - Organized by Paolo Lupino</p> <p>Coast Room: 14:00-15:30 GNRAC National Group for Coastal Environmental Research Organized by Pierluigi Aminti, Lorenzo Cappietti</p> <p>Coast Room: 16:00-18:00 GNRAC National Group for Coastal Environmental Research - Special session on the exploitation of marine renewable energies - Organized by Pierluigi Aminti, Lorenzo Cappietti</p>

21st SEPTEMBER

National Ports Conference



Wednesday, 21st September 2016, 10:00 - 13:30

Opening remarks

Silvia Paparella, RemTech Expo

Filippo Maria Soccodato, Alta Scuola (Perugia)

Welcome address by the Authorities

Assoport

Italian Ministry of Environment and Protection of Land and Sea (Rome)

Contributions

Andrea Ferrante, Superior Council of Public Works - to be confirmed

Laura D'Aprile, Italian Ministry of Environment and Protection of Land and Sea (Rome)

Davide Pellegrini, Fulvio Onorati, ISPRA - to be confirmed

Francesco Messineo, Assoport - Port Authority of Marina di Carrara - to be confirmed

Contributions from the Call for paper of RemTech Expo's Scientific Committees

Modeling support in the definition and management of the works for the mitigation of the silting-up phenomenon in Tremestieri Port (Messina)

A. Pedroncini, S. Torretta, DHI Srl

F. Di Sarcina, M. Maccarone, Port Authority of Messina

Geotechnical aspects in the design of marine containment areas: the port of Gaeta (Latina)

Moreno Scotto, Maccaferri SpA

Salvatore Miliziano, Sapienza University of Rome

Title to be defined

Flavio De Stefanis, Port Authority of Savona

Debate

Location : Blue Room

Organized by : Paolo Ferrandino

National Guidelines on coastal erosion



Opening session

Wednesday, 21st September 2016, 14:30 - 17:30

A sustainable strategy for coastal defense	<i>Silvia Velo, Italian Ministry of Environment and Protection of Land and Sea (Rome)</i>
Title to be confirmed	<i>Hélène Montelly, Bureau du littoral et du domaine public maritime naturel, MEEA (France) - tbc</i>
Title to be confirmed	<i>Vicente Ibarra, DG de Sostenibilidad de la Costa y el Mar, MAGRAMA (Spain) - tbc</i>
Title to be confirmed	<i>Koos Wieriks, Ministerie van Infrastructuur en Milieu (the Netherlands) - tbc</i>
The role of the Italian Regions	<i>Stefano Bonaccini (Chairman of the Conference of the Regions) - tbc</i>
Introduction to TNEC	<i>Massimo Gabellini, ISPRA</i>
The proposal of the National Guidelines on coastal erosion - Technical and management aspects	<i>Roberto Montanari, Emilia-Romagna Region</i>
The proposal of the National Guidelines on coastal erosion - Environmental aspects	<i>Luisa Nicoletti, ISPRA</i>

Location : Blue Room - **Organized by :** Roberto Montanari, Paolo Ciavola

2nd session: Coastal erosion and climate change. Critical issues scenarios

Wednesday, 21st September 2016, 14:30 - 17:30

Overview of the state of affairs and the critical issues	<i>Angela Barbano, ISPRA</i>
European project Coastal Mapping - Joint European Coastal Mapping Programme	<i>Gaël Morvan, SHOM (France)</i>
Managed retreat, adaptation or protection: criteria	<i>Enzo Pranzini, University of Florence</i>

for a decisional framework.

Meteo-marine analysis of the Adriatic basin and synoptic conditions favorable to the recent coastal storms

Massimiliano Fazzini, University of Ferrara

Contributions from the Call for paper of RemTech Expo's Scientific Committees

Acidification processes in the Adriatic Sea and mitigation strategies. C. Vaccaro, C. Corbau – University of Ferrara

Debate

Location : Coast Room - **Organized by :** Angela Barbano, Massimiliano Fazzini

22nd SEPTEMBER

National Guidelines on coastal erosion



1st session: Coastal erosion and climate change. Adaptation strategies and needs assessment

Thursday, 22nd September 2016, 10:00 - 13:30

Overview of needs and adaptation strategies

Luigi Cipriani, Tuscany Region

The Blue Economy of the coasts in Italy.
Econometric models for assessing the risk of beach erosion

Enzo Santurro, Unioncamere

The CAMP Italy project: strategies for coastal dynamics management

Daniela Addis, Italian Ministry of Environment and Protection of Land and Sea (Rome)

Defense and protection of the uses of the coasts in the Mediterranean: opportunities for a common vision and coordinated actions

Andrea Barbanti, CNR-ISMAR

Contributions from the Call for paper of RemTech Expo's Scientific Committees

Towards integrated management of the coastal area - The definition of coastal works to protect the coastline from erosion in the Veneto Region - Salvatore Patti, Pier Luigi Simonin, Veneto Region

Debate

Location : Coast Room - **Organized by :** Luigi Cipriani

2nd session: Coastal protection works. Analysis tools and strategies for their use

Thursday, 22nd September 2016, 10:00 - 13:30

Protection works and methods for the reduction of losses of sediments

Pierluigi Mancuso, Calabria Region

Intervention of lowering of the reefs emerged in Viserba of Rimini - Results and general observations

Alessandro Mancinelli, ISAC-CNR, Polytechnic University of Marche

Long-term modification induced by defence works on seabed morphology

Pierluigi Aminti, University of Florence

Beach stabilization by drainage: state of the art and future perspectives

Diego Vicinanza, University of Naples

Good practices in the design of defence works

Francesco Lalli, ISPRA

Contributions from the Call for paper of RemTech Expo's Scientific Committees

The use of tubular textile containers for the protection of Ofir beach, in Portugal
Lorenzo Frigo, Geosintex

Debate

Location : Coast Room - **Organized by :** Pierluigi Mancuso, Francesco Lalli

3rd session: Sediments resources. Potential and environmental aspects of Relict Marine Sediment Deposits (RMSD)

Thursday, 22nd September 2016, 14:00 - 17:30

Framework of the uses and potential of relict marine sediment deposits

Paolo Lupino, Lazio Region

Environmental aspects in the use of RMSD and environmental database env_Sand

Luisa Nicoletti, ISPRA

The in_Sand database

Anna Correggiari, CNR-ISMAR

The SAND+ Protocol of the MEDSANDCOAST European project

Francesco L. Chiocci, Sapienza University of Rome

Contributions from the Call for paper of RemTech Expo's Scientific Committees

Private initiative on RMSD management and beach nourishment: opportunities for a Blue Growth in the coastal zones
Diego Paltrinieri – Arenaria

Debate

Location : Coast Room - **Organized by :** Paolo Lupino

4th session: Sediments resources. Potential and environmental aspects of coastal deposits and in river basins

Thursday, 22nd September 2016, 14:00 - 17:30

Environmental aspects for the characterization of sediments

Daniela Paganelli, ISPRA

The SICELL system - Erosion assessment and management of coastal sediments through the integration of monitoring data

*Christian Marasmi, Emilia-Romagna Region
Nunzio De Nigris, Arpae Emilia-Romagna*

Potential of implementing the sediments intercepted in reservoirs

Prospects and potential for the use of sands from port dredging for beach nourishment

Francesco Messineo, Assoporti - Port Authority of Marina di Carrara

Contributions from the Call for paper of RemTech Expo's Scientific Committees

Best practices and innovative methodologies for the nourishment of the Lignano Pineta's beach
Stefano Boscolo Cucco, La Dragaggi

Debate

Location : Coast Room - **Organized by :** Daniela Paganelli

23rd SEPTEMBER

National Guidelines on coastal erosion



1st session: Regulatory framework

Friday, 23rd September 2016, 10:00 - 13:30

Regulatory framework - Shortcomings and opportunities

Giorgio Filomena, Marche Region

Recognition of the publicly-owned coastal land: state of the art as a result of Law 125/2015

Patrizia Scarchilli, Italian Ministry of Infrastructure and Transport

The sustainable management of the coastal zones: the State concessions and public accounting, a new opportunity

Gabriele Lami, Port Authority of Livorno

Assessment of the environmental and socioeconomic damage generated by coastal infrastructure in the case-law

Sergio Cappucci, ENEA

Contributions from the Call for paper of RemTech Expo's Scientific Committees

Po River Mouth Contract: a governance example for the integrated coastal management - *Laura Mosca (Technical-Scientific coordinator Po River Mouth Contract)*

Debate

Location : Coast Room - **Organized by :** Giorgio Filomena

Closing session

Friday, 23rd September 2016, 10:00 - 13:30

“Round table with European and Mediterranean institutions and networks - Adaptation to coastal erosion and to the effects of climate change on Mediterranean coasts: strategies and opportunities for Blue Economy”

Alessandra Sensi, UpM

Davide Strangis, CRPM

Zeljka Skaricic, PAP/RAC UNEP-MAP

ENI Programme

Interreg Mediterranean Programme

Interreg Europe Programme

H2020 Programme - Bluemed initiative

Location : Coast Room - **Organized by :** Paolo Lupino and Roberto Montanari

GNRAC National Group for Coastal Environmental Research



Opening session

Friday, 23rd September 2016, 14:00 - 15:30

Report by invitation

Presentations competing for the 7th Prize G3 - Coastal Studies

Presentations from the business world, project companies, institutions, public administrations

Contributions from the Call for paper of RemTech Expo's Scientific Committees

Location : Coast Room - **Organized by :** Pierluigi Aminti, Lorenzo Cappiotti

Special session on the exploitation of marine renewable energies

Friday, 23rd September 2016, 16:00 - 18:00

Feasibility of extraction of energy from wave and sizing of a point absorber converter in the Mediterranean Sea

*R. Archetti, A. Moreno Miquel, A. Antonini,
University of Bologna
G. Passoni, S. Bozzi, G.
Gruosso, Polytechnic of Milan*

U-OWC devices embedded in maritime dams for the extraction of energy from wave: pilot plant at the port of Civitavecchia

*F. Arena, A. Romolo, G. Malara, V.
Fiamma, V.
Laface, Mediterranean University*

Experiment at sea on a scale model of a U-OWC device

*F. Arena, V. Fiamma, V. Laface, G. Malara,
A. Romolo, Mediterranean University*

Feasibility of WEC installation in Calabria

*F. Aristodemo, eCampus University
D. Algieri Ferraro, P. Veltri, University of
Calabria*

Preliminary estimate of the combined wave-wind energy potential in the Mediterranean basin

G. Besio, University of Genoa

Maritime dam for wave energy: pilot plant at the port of Naples

*E. Di Lauro, P. Contestabile, D. Vicinanza,
Second University of Naples*

Design of a multi-function port structure:

G. Palma, S. Mizar Formentin, D.

the OBREC device

*Vicinanza, B. Zanuttigh, University of
Bologna
P. Contestabile, Second University of
Naples*

Conversion of wave energy through
pushed buoyancy floodgates: the prototype of the port
of Piombino

*P. Sammarco, S. Michele, M. d'Errico,
University of Rome "Tor Vergata"
G. Bellotti, Rome Third University*

Wave energy exploitation through a water column
oscillation device

*I. Simonetti, I. Crema, L. Cappietti,
University of Florence*

The areas of the Italian seas most suitable for the
exploiting of wave energy

*V. Vannucchi, D. Pelli, L. Cappietti,
University of Florence*

Multi-function offshore installations in the
Mediterranean

*B. Zanuttigh, G. Palma, S. Mizar
Formentin, University of Bologna*

Location : Coast Room - **Organized by :** Pierluigi Aminti, Lorenzo Cappietti

