

During the past summer the issues concerning the coast have been widely debated both on a local and on a national level. The importance of coasts, not only in environmental terms, but also in social terms, has been underscored, starting from the climate change issue, up to the disputes on public accessibility to beaches.

As it often occurs when the subject-matter is the coast, Liguria has been one of the main interlocutors in the debate, warts and all: the major responsibility of the coast falls on the Region, and, hence, its particular presence is required both for the management of the territory and for the implementation of the proper means to promote a conscious taking part in the different choices affecting the coast.

The Conference BEACHMED-e of Genoa will take place in this framework and in close connection with the activity carried out in the Mediterranean basin on the *Coast day* ([www.coastday.org](http://www.coastday.org)). The project BEACHMED-e started in 2005 and will be accomplished in June 2008.

The general objective of the project is singling out and improving the technical and administrative means for a strategic management of coast protection. The operational structure of BEACHMED-e includes three lines of action (namely "Components 2,3,4" in the jargon of Interreg IIIC European projects) with the purpose of detecting specific instruments for countering coast vulnerability, and put them at Local Governments disposal:

- *designing and creating technical instruments for a portrait of the erosive process on a European scale and for a sustainable use of resources (Component 2).*

- *set up of management instruments for the of the relationship between urban territory development and the areas morphologically vulnerable to the risk of sea storms and erosion (Component 3)*

- *set up of regulatory and organizational instruments for defining, ruling and managing coast protection for all the parties involved (Component 4)*

The Conference in Genoa mainly aims to disclose the results of the subproject OBSEMEDI, which deals with Component 4. Regional partners expect OBSEMEDI results to provide them with data which could strengthen the network between Mediterranean regions in their specific activities of coast observation and management. Furthermore, this event like all the Conferences falling within this project- is an opportunity for updating and deepening the issue with external experts and the institutional representatives operating on the coast. The topics discussed will concern those technical aspects closely connected to coast protection (U.S. Army Corps of Engineers APAT) and coast planning and managing on different levels of intervention (local, regional, Mediterranean).

The conclusion will deal with the prospects for the next season of both national and EC planning activity.

## Programme

Friday 26<sup>th</sup> October

### Progress Conference Phase C COMPONENT 4

09.00 a.m. Participants Registration

09.30 a.m. Opening

Carlo Ruggeri, *Councillor for territorial and town planning of the Liguria Region.*

09.45 a.m. Presentation of "Beachmed-e" Operation: the developments.

Paolo Lupino, *project leader, Regional Directorate for Environment and Coop. Peop. - Lazio Region*

#### Liguria Region's latest activities

10.15 a.m. Beaches protection for the management of the seaside areas owned by the State.

Corinna Artom, *Planning and Public Maritime Domain Department Liguria Region*

10.45 a.m. Regulations and guidelines for interventions on the coast.

Ilaria Fasce, *Coastal Ecosystem Department - Liguria Region*

#### 11.10 a.m. Coffee break

#### Component 4: Determination of the regulatory and organizational instruments for defining, ruling and managing cost protection for all the public and private parties involved

11.30 a.m. Presentation

Alkmini Minadaki, *General Secretariat of the Crete Region (GR)*

11.40 a.m. The OBSEMEDI subproject

Nikos Kampanis, *Institute of Applied Mathematics (IACM), Crete (GR)*

12.00 a.m. Feasibility study for the creation of a European Observatory for the protection of the Mediterranean coasts: state of the art and future prospects

Giordana De Vendictis, *ICRAM (Central Institute for scientific and technological research applied to the sea)*

12.20 a.m. Reference regulatory framework for beach nourishment activities

Giuseppe Garzia, *University of Bologna*

12.40 a.m. The role of local administrations in the processes concerning the Integrated Management of the Coastal Area

Gabriele Lami, *Municipality of Follonica*

01.00 p.m. Coastal works and beach nourishment census and monitoring

Sara Lamanna, *ARPAL (Regional Agency for the Protection of Ligurian Environment) DIP.TER.IS.*

#### 01.20 p.m. Lunch break

#### Coastal monitoring experiences

03.00 p.m. Corps of Engineers coastal data and engineering tools  
Jack E. Davis, *US Army Corps of Engineering*

03.20 p.m. Coast Protection Service activities  
Stefano Corsini, *APAT (Italian Agency for Environmental Protection and for Technical Services) - Rome*

#### Coastal planning experiences

03.40 p.m. The local scale: pilot project of Ligurian West Coast for Beachmed-e  
Roberto Bobbio, *POLIS Department, University of Genoa*

04.00 p.m. The regional scale: Sardinia Region's landscape plan  
Giuseppe Biggio, *Sardinia Region*

04.20 p.m. The Mediterranean scale: The ICZM Protocol of the Barcelona Convention  
Ivica Trumbic, *PAP/RAC Split (HR)*

#### 04.40 p.m. Coffee break

#### Prospects

05.00 p.m. Coast topics in the 2002-2013 programmes  
Laura Canale, *European Community Affairs and International Relationships Department of the Liguria Region*

05.20 p.m. End of work sessions  
Franco Lorenzani, *General Director for Liguria Region Territorial Planning*

## Saturday 27<sup>th</sup> October

### Technical guided tour to Golfo Paradiso and Tigullio Coast

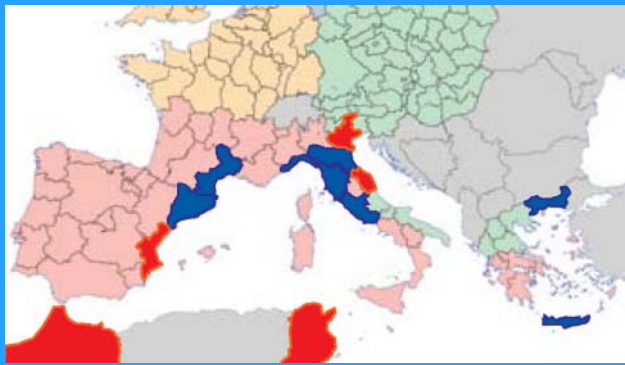
09.00 a.m. Departure from Genoa

02.00 p.m. Lunch at Recco

05.00 p.m. Back to Genoa

Please confirm Your participation to the guided tour upon registration

**A simultaneous translation service into Italian, English, French, Spanish and Greek will be provided.**



[www.beachmed.eu](http://www.beachmed.eu)

### Regional Framework Operation: Partnership

Regione Lazio (IT), Regione Emilia-Romagna (IT), Regione Toscana (IT), Regione Liguria (IT), Conseil Général de l'Hérault (FR), Service Maritime et Navigation du Languedoc-Roussillon (FR), Generalitat Catalunya (ES), Regione Est Macedonia e Tracia (GR), Regione di Creta (GR)

### Observing Partners

Generalitat Valenciana (ES), Drapor, Société de Dragage des Ports (Marocco), APAL, Agence de Protection et d'Aménagement du Littoral (Tunisia), Regione del Veneto (IT), Marevivo (IT), Ordine degli Ingegneri della Provincia di Napoli (IT), Centro di Educazione Ambientale (IT), Regione Marche (IT), F.A.I.C.T. Forum delle Città Adriatiche e Ioniche (IT), Acqua SPA Società per l'approvvigionamento idrico della Basilicata (IT), Parco Regionale del Delta del Po (IT)

### Participant partners

ARPA-Emilia Romagna, Università di Ferrara Dip. Scienze della Terra, CIRSA, Università di Bologna DISTART, Università di Bologna Dip. Biologia Evoluzionistica Sperimentale, Provincia di Pisa, Università di Firenze Dip. Ingegneria Civile, Università di Firenze Dip. Scienze della Terra, Comune di Follonica, Provincia di Massa Carrara, Provincia di Livorno, IBIMET-CNR (Istituto di Biometria), Università di Roma La Sapienza Dip. Scienze della Terra, Università di Roma La Sapienza Dip. Biologia Animale e dell'Uomo, ICRAM Roma, Litorale SPA, Registro Italiano Dighe, Università della Tuscia Dip. di Ecologia e Sviluppo Economico Sostenibile, Università degli Studi di Genova DIP.TER.IS., Università degli Studi di Genova Facoltà di Architettura Dipartimento Polis di Storia e Progetto dell'Architettura, del Territorio e del Paesaggio, ICCOPS Landscape Natural and Cultural Heritage, ARPAL-Liguria, EID Méditerranée, Université de Montpellier ISTEEM, Université de Perpignan BDSI, Université de Montpellier 1 CEP/LASER, BRL, Université de Perpignan LEGEM, Instituto de Ciencias del Mar, Universitat de Barcelona, Laboratoire de l'Hydraulique et des Travaux Hydrauliques - Université Democritus de Thrace, Chambre Technique de Grèce - Section Regionale de Thrace, Fondation Nationale de Recherche Agricole Institut de Recherche Halieutique, Insitute des Mathématiques Appliquées (IACM), Organisme pour le Développement d'Est Créte (OANAK), Consorci El Far.

## Beachmed-e Operation subprojects

Component 2 : Project plan and implementation of technical tools required for the characterization of the erosive phenomenon on a Mediterranean scale and for sustainable development of resources



**2.1 OPTIMAL** (BMe-3S0155R-2.1) Optimisation of Integrated Monitoring Techniques Applied to Coastlines



**2.2 NAUSICAA** (BMe-3S0155R-2.2) Characterisation of hydrometeorological conditions of coastlines, analysis of risks to coastlines, behaviour of protective measures and dynamics of *Posidonia oceanica* grasslands



**2.3 ReSaMMé** (BMe-3S0155R-2.3) Search for submarine sand in the Mediterranean Sea



**2.4 EuDREP** (BMe-3S0155R-2.4) Share, define and apply Protocol ENV 1 to dredging and beach nourishment initiatives using relict sand and specific tasks for the study of turbidity levels

Component 3: Interaction between urban development and areas which are morphologically sensitive in relationship to erosion and storm risk



**3.1 Medplan** (BMe-3S0155R-3.1) Analysis and management process for coastal zones: risk, impact mitigation and area planning assessment methods



**3.2 ICZM-MED** (BMe-3S0155-3.2) Agreed actions, tools and criteria for the implementation of Mediterranean Integrated Coastal Zone Management (ICZM)



**3.3 GESA** (BMe-3S0155-3.3) Management of sand deposits collected by coastal and river infrastructure. Recovery of sediment transport



**3.4 POSIDuNE** (BMe-3S0155-3.4) Interaction of Sand and *Posidonia Oceanica* with the environment of Natural Dunes

Component 4: Determine regulatory and organizational tools for the definition, regulation and management of coastal protection mechanisms for all public and private parties involved



**4.1 ObsEMedi** (BMe-3S0155-4.1) Regulation and promotion for an European Observatory for the defence of mediterranean coasts

For information, please contact:

Regione Liguria

Department for territorial organization and planning of the seaside areas owned by the State

Secretariat

tel. +39 010 5484440

e-mail: [linda.mocci@regione.liguria.it](mailto:linda.mocci@regione.liguria.it)



Nord Est SUD Ouest  
INTERREG III C

Regional Framework Operation  
BEACHMED-e

Conference of Phase C COMPONENT 4



The strategic management of coast  
protection for a sustainable  
development of the Mediterranean  
coastal areas

26<sup>th</sup> - 27<sup>th</sup> October 2007  
Genoa

Galata Museo del Mare  
Calata De Mari 1



REGIONE LIGURIA  
DIPARTIMENTO PIANIFICAZIONE TERRITORIALE  
SETTORE PIANIFICAZIONE TERRITORIALE E DELLE AREE DEMANIALI MARITTIME