



ECO-IMAGINE Conference  
**"COASTAL GOVERNANCE, PLANNING  
 AND DESIGN AND GI"**

16<sup>th</sup>-20<sup>th</sup> November, 2004  
 AMGA Congress Centre, Genova - Italy



**Programme**

<b>Tuesday, 16<sup>th</sup></b>	
11:00	<b>Arrival and registration</b>
14:00	<b>Welcome session</b> Presentation of the ECO-IMAGINE project Emanuele Roccatagliata, GISIG
14:30	<b>Opening seminar</b> The need for integrated coastal management and the benefits of its implementation Ivica Trumbic, Marina Radic, UNEP/MAP PAP/RAC
16:30-17:00	<b>Coffee break</b>
17:00	GIS and Viewshed Analysis to Determine Sensitive Coastal Areas. Case study from the French Riviera Samuel Robert, CNRS
17:20	Use of GIS in Primorsko-Goranska County with short view on new law of physical planning Nena Roncevic, Institute for sustainable development and physical planning
17:40	Hellenic Coastal Policy Recent Landmarks, Perspective and Some Ideas John Kiousopoulos, Technological Educational Institution of Athens
18:00	<b>Poster session opening</b>
18:20	<b>End of day</b>

<b>Wednesday, 17<sup>th</sup></b>	
9:15	<b>Workshop: The urban and metropolitan example of Genova</b> Welcome address by Annalisa Calcagno Maniglio, President of ICCOPS
9:35	The physical aspects of the Genoese coast Giuliano Fierro, University of Genova-DIPTERIS
9:55	Waterfront re-qualification from town planning to management of the interventions Bruno Gabrielli, Councillor of the Genova City Council
10:15	The metropolitan master plan and the urban planning forecasts for the coast Marina D'Onofrio Caviglione, Genova Municipality – Urban planning dpt.
10:35	The master plan of the harbour Nicoletta Artuso, Genova Port Authority
11:00-11:30	<b>Coffee break</b>
11:30	The requalification plan of the urban beaches Marina D'Onofrio Caviglione, Genova Municipality – Urban planning dpt.
11:50	The Maritime Public Domain Use Plan of the City of Genoa Rosanna E. Russo, Genova Municipality
12:10	The Municipal Geo-Portal for Coastal Planning Sergio Farruggia, Genova Municipality
12:30-14:30	<b>Lunch break</b>
<b>FIELD TRIP TO THE HARBOUR AND TO THE WATERFRONT</b>	

<b>Thursday, 18<sup>th</sup></b>	
9:00	<b>Building Coastal Knowledge and GI session</b> Integrated display and communication of information towards stakeholders. An application for the integrated management of the Thau lagoon and its watershed Lionel Loubersac, Jacques Denis, Ifremer
9:30	Coastal crisis. The failure of coastal management in the Spanish Mediterranean region Juan Luis Suarez De Vivero, University of Seville
10:00-10:30	<b>Coffee break</b>
10:30	<b>Environmental monitoring session</b> GIS to monitor seawater quality and the influence of WWTPs Claudia Lasagna, Franca Palumbo, Patrizia Rosi, Gianluigi Mirandi, AMGA
11:00	The "Sabbia" project for shore requalification Daniela Minetti*, Rosanna Dursi**, Roberta Ivaldi***, Valentina Marin***, Francesca Palmisani**, Mauro Fabiano***, *Regione Liguria, **FEEM, ***University of Genova
12:00-14:00	<b>Lunch break</b>
14:00	<b>Landscape analysis session</b> <ul style="list-style-type: none"> <li>• Against Globalscape: landscape architecture to defend and promote local or regional identities</li> <li>• The exploitation of local landscape: from knowledge to design action</li> </ul> Annalisa Calcagno Maniglio, ICCOPS; Adriana Gherzi, University of Genova
15:00-15:30	<b>Coffee break</b>
15:30	Bathing water quality: use of GIS to determine exact positions of sampling stations in Liguria R.M. Bertolotto, C. Cuneo, M. Puppo, ARPAL Liguria
16:00	Use of GIS in the preparation of the Regional Water Management Plan of Liguria T. Pollero, B. Moncalvo, ARPAL Liguria
17:00	<b>End of day</b>

<b>Friday, 19<sup>th</sup></b>		<b>GAUDI' MEETING HALL, CELLE LIGURE (Savona)</b>	
9:30	<b>Workshop: Coastal governance, the regional activity in Liguria</b>		
	<b>Welcome session</b>		
	<ul style="list-style-type: none"> <li>Welcome by the Regione Liguria – Alderman for Territory and Environment Franco Orsi</li> <li>Welcome by the Commune of Celle Ligure – Mayor Remo Zunino</li> <li>Celle and the Ligurian Riviera between the modern and the contemporary age Massimo Quaini, University of Genova – DISMEC</li> <li>Introduction to the ECO-IMAGINE Project Giorgio Saio, GISIG</li> </ul>		
10:00	<b>A monitoring study for the Celle Ligure case: shore protection works and beach feeding</b>	Marco Firpo, University of Genova-DIPTERIS; Paolo Noce, Studio di Ingegneria Idraulica	
10:20-10:40	<b>Coffee break</b>		
10:40	<b>GIS databases to support environmental monitoring and the planning of maritime coastal works</b> (in collaboration with Regione Liguria, Dpt. for Environment Protection and Building Industry, Dir. Mario Fracchia)	Speakers: Stefano Coppo, Andrea Picollo, Regione Liguria	
	<ul style="list-style-type: none"> <li>Introduction: Definition of homogenous coastal areas in the framework of the classification of the Ligurian coastal waters</li> <li>The monitoring of the marine and coastal environment by the Regione Liguria (EU 60/2000 Directive)</li> <li>Beach feeding in Liguria</li> <li>Sea-bed biological mapping in Liguria</li> </ul>		
12:00	<b>Coastal planning in Liguria</b> (in collaboration with Regione Liguria, Dpt. for Territorial Planning, Landscape and Environment, Dir. Franco Lorenzani)	Re-use of the old railway in the Western Liguria and Integrated Coastal Zone Management Gianni Gaggero, Laura Levi; Regione Liguria	
12:20-14:20	<b>Lunch break</b>		
14:20	The BEACH-MED project	Corinna Artom, Regione Liguria	
14:40	Evaluation of the coastal erosion of the Ligurian beach	Marco Ferrari, Silvia Bolens, Alessandra Bozzano, University of Genoa – DIPTERIS	
15:00	A multi-temporal webGIS for the Regional Park of Portofino	Anna Cerrato, Regione Liguria; Alberto Aloisio, Datasiel	
15:20	The Urban Italia programme: GIS to support urban requalification in the harbour area	Valerio Zunino, Savona City Council	
15:40	<b>Monitoring networks and meteo-marine forecast</b>	Lorenzo Papa, Hydrographic Institute of the Italian Navy and University of Genova-DIFI	
16:00	<b>End of day</b>		

<b>Saturday, 20<sup>th</sup></b>			
9:30	<b>Geo-spatial Technologies session</b>		
	Applications of Web-based GIS to Coastal Zone Management	David R. Green, University of Aberdeen	
9:50	The GI layers on the website of the Liguria Region	Marino Fiorito, Regione Liguria/ Datasiel	
10:10	gvSIG, the free GIS of the Generalitat Valenciana, and its applications to coastal management	Luis W. Sevilla Muelas, Gabriel Carrión, Francisco José Peñarrubia, Marcello Sanò, Fernando Sanchez, Generalitat Valenciana	
10:30	Mobile Mapping Systems for Waterfront studies	Giorgio Manzoni *, Claudia Robiglio**, Shaula Martinolli, Laura Osmani, Roberto Pagurut, Luca Rizzo, Raffaella G. Rizzo * Faculty of Engineering, University of Trieste, ** Faculty of Modern Languages, University of Verona	
10:50	The Invisip project	Alessio Bertone, IMATI/CNR	
11:10	Sea monitoring applications with high definition satellite imagery	Livio Rossi, Eurimage	
11:30	Evolution of western Genova shorelines and more specially beaches around Vesima	Marie Jouniaux, University of Liege	
11:50-12:10	<b>Coffee break</b>		
12:10	<b>Evaluation and impact of harbour infrastructure</b>	Philippe Gourbesville, University of Nice – Sophia Antipolis	
12:30	A presentation of the Oceans21 initiative	Emanuele Roccatagliata, GISIG	
12:50	<b>Closing session</b>	Networking perspective and forthcoming activity Giorgio Saio, GISIG	
13:10	<b>End of the conference</b>		