

Date

Friday 30 May 2008

Venue

Provinciehuis
Provincieplein 1, 3000 Leuven, Belgium
(Easy accessible by train; parking available)

Language

The official language of the conference is English

Registration

Please register before the 16th of May 2008 at the conference website at <http://www.bencore.be> or contact the conference secretariat. You can indicate upon registration if you are willing to present a research poster or promotion material.

Website

For further information, we refer to the BeNCoRe website (<http://www.bencore.be/index.php?contentid=43&mid=64>) which will be updated on a regular basis (route description, etc...)

9.00-9.30:	Registration and Coffee
9.30-9.45:	Mr. Simon Claus Flanders Marine Institute - VLIZ <i>Introduction; the BeNCoRe Network</i>
Session I: Geographic Information Systems in Coastal and Marine Research; current situation, technical challenges and future developments Chair Prof Dr. Jean Berlamont, Hydraulics Laboratory, KUL	
09.45-10.15:	Prof Dr. Philippe De Maeyer Geography Department, Ghent University <i>Geographic and Mapping Information Systems: A historical overview, new developments and challenges for Belgian Coastal and Marine Research</i>
10.15-10.45:	Prof Dr. David Green Aberdeen Institute for Coastal Science and Management, University of Aberdeen, UK <i>Marine and Coastal Geographic Information Systems – a European Perspective.</i>
10.45-11.15:	Coffee
Session II: Relevant European directives, frameworks and legislations related to Coastal and Marine Geographic Information Systems Chair Ir. Miguel Berteloot, Agency for Maritime and Coastal Services, Coastal Division	
11.15-11.45:	Mme. Ingrid Vanden Berghe National Geographic Institute <i>The Infrastructure for Spatial Information in Europe (INSPIRE) Directive: Implications and Opportunities for Coastal and Marine Research</i>
11.45-12.15:	Dr. Wendy Bonne Federal Public Service, Marine Environment <i>Policy as an end-user of Geographic Information Systems and importance of Geographic Systems as a reporting tool</i>
12.15-13.15:	Lunch

Session III: Case Studies in Coastal and Marine Research Chair Prof Dr. Philippe Dubois, Marine Biology Unit - BIOMAR, ULB	
13.15-13.35:	Dr. Kevin Ruddick Management Unit of the North Sea Mathematical Models-MUMM <i>Optical teledetection of Coastal Waters</i>
13.35-13.55:	Dr. Bart Deronde Flemish Institute for Technological Research– VITO <i>Airborne remote sensing as a tool to study coastal sediment dynamics</i>
13.55-14.15:	Drs. Els Verfaillie Renard Centre of Marine Geology, Ghent University <i>Mapping European Seabed Habitats, the MESH project as a case study.</i>
14.15-14.35:	Ir.. Frederic Wauters ESRI Belux/Eurosense <i>Applications of a 3D GIS System of the North Sea and the Scheldt Estuary.</i>
14.45- 15.15:	Coffee
Session IV: GIS as a tool to present and organize Coastal and Marine Information Chair Rudy Herman, Ministry of Flanders, Department Economy, Science and Innovation	
15.15-15.30:	Mme Kathy Belpaeme Coordinaton Centre for ICZM <i>The Belgian Coastal Atlas: moving from a classical static to an interactive data driven atlas</i>
15.30-16.00	Dr Wouter Rommen UNESCO/IOC Project Office for IODE <i>How marine data can be presented at a global scale: the African Marine Atlas as a case study</i>
16.00-16.30	Representative European Environmental Agency: <i>Publication of the Blue Book on an Integrated Maritime Policy for the European Union. The concept of Marine Spatial Planning and how to organize Coastal and Marine Information at the European Scale</i>
16.30-16.45:	Discussion, synthesis and conclusions
16.45-18.45:	Reception

Objectives and scope

Geographical Information Systems (GIS) are becoming indispensable tools in Coastal and marine Research and Management. This technology is being used across different disciplines for storing, managing, visualizing or integrating geographical data and information. The Second BeNCoRe Conference provides the opportunity to discuss future developments and new perspectives in the field of Coastal and Marine GIS. During this one-day event, case studies related to submarine mapping systems, Coastal remote sensing techniques and the development of Coastal and Marine Atlases will be presented.

Besides the scientific challenges and relevance, GIS is becoming increasingly popular in decision making. The Conference will show, both at national and European level, how Geographic Information Systems are or could be implemented as reporting tools or used to organize Coastal and Marine Geospatial Information.

Additionally, participants have the opportunity to present research posters and promotion material in the field of Coastal and Marine GIS Research. New techniques and applications form both the scientific community and the private sector can be presented during lunch and coffee in the main conference hall.



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Conference secretariat

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Organizing Committee

The conference is organized by BeNCoRe, the Belgian Network for Coastal Research – part of the European Network for Coastal Research, Coordination Action (ENCORA - FP 6-2004-Global-3-518120)

Sponsors



The Belgian Network For Coastal Research announces:

Second BeNCoRe Conference Geographic Information Systems in Coastal and Marine Research and Management

- Opportunities and new perspectives for Coastal and Marine Research -

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