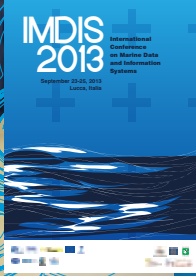Standards, vocabularies, government of the information systems have been presented and different experiences compared;

hybrid data infrastructures have been proposed as data management model in which computing, storage, data and software are made available as-a-service;

marine social and economic data have been defined important with the development of ecosystem services; community driven data synthesis have been shown.
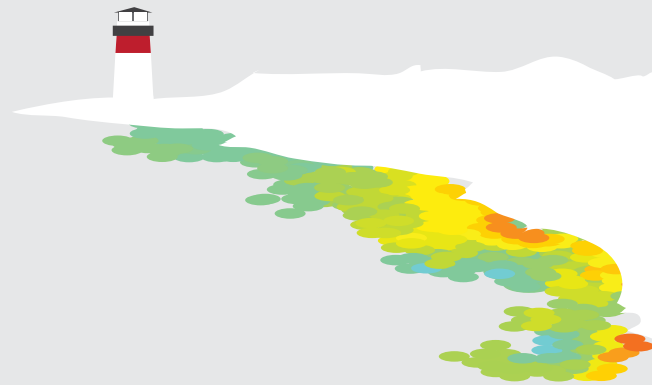

SeaDataNet
PAN-EUROPEAN INFRASTRUCTURE FOR OCEAN & MARINE DATA MANAGEMENT

SeaDataNet is a pan-European infrastructure providing harmonised discovery services and access to ocean and marine environmental data sets managed in distributed data centres.
The partnership is composed of 44 institutions directly involved in the project as partner and 10 other institutions as associate partner, from 35 countries riparian to European seas. Also through its engagement in other European projects and initiatives, such as Geo-Seas, Upgrade Black Sea SCENE, and EMODNet pilots, at present 83 data centres are connected to the SeaDataNet infrastructure, giving access to already more than 1.5 million data sets for physical oceanography, chemistry, geology, geophysics, bathymetry and biology.

International Conference on Marine Data and Information Systems IMDIS 2013

The IMDIS series of Conferences is promoting the meeting of different communities working in informatics, data management, research, environmental protection, etc. It is focused on-line access to data, meta-data and products, communication standards and adapted technology to ensure platforms interoperability.
IMDIS 2013 aims at providing an overview of the existing information on marine environmental data, and showing the progresses on development of efficient infrastructures for managing large and diverse data sets.

The number of registered participants was 174, coming from 37 Countries. In the number of participants are included scientists from UNESCO-IOC, FAO, EuroGOOS, EC-JRC, ICES. The proceedings have been published in the Vol. 54 – supplement of Bollettino of Geofisica. An electronic version of the book of abstracts is also downloadable at web address:
http://imdis2013.seadatanet.org/Proceedings.

The fourth edition of the SeaDataNet series of **International Conference on Marine Data and Information Systems IMDIS 2013** has been organised and hosted by SeaDataNet in Lucca - Italy from 23 to 25 September 2013.

The IMDIS 2013 Conference has been organised in four sessions:

1) Marine information management
2) Marine environmental data bases: infrastructures and data access systems
3) Data Services in ocean science
4) Services for Users and Education

There was a great interest to IMDIS 2013, that has been one of the major events in informatics in oceanography.

The number of abstracts submitted to IMDIS 2013 have been 155 in total. An international board of referees have evaluated them and selected those deserving an oral presentation. The final numbers of the selection are:

• 50 were selected for oral presentation
• 83 were accepted as posters