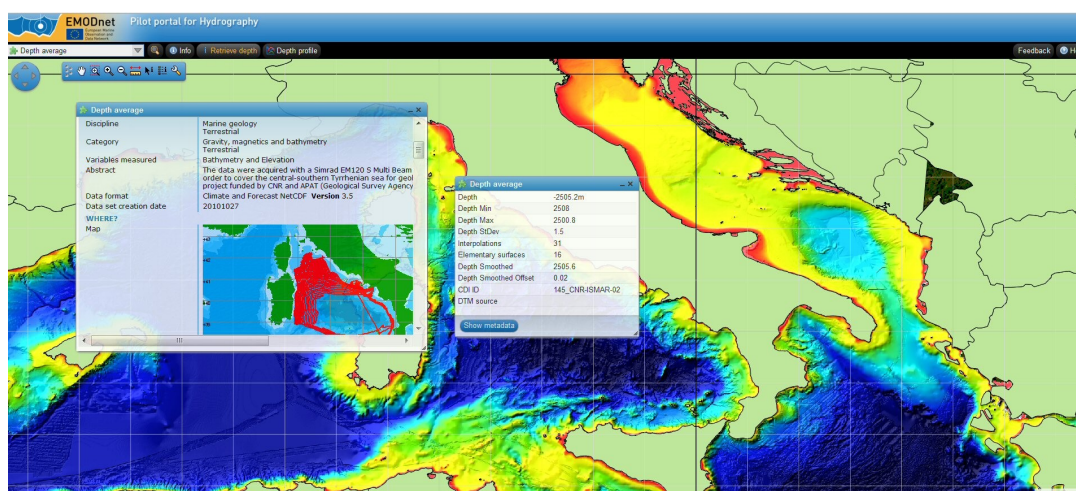


NEW PORTAL WITH DIGITAL BATHYMETRY FOR EUROPEAN SEAS CALL FOR COOPERATION

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The European Commission has concluded service contracts for creating pilot components of the **European Marine Observation and Data Network (EMODnet)**. The overall objective is to create pilots to migrate fragmented and inaccessible marine data into interoperable, continuous and publicly available data streams for complete maritime basins.

The **EMODnet-Hydrography portal** (<http://www.emodnet-hydrography.eu>) development started in June 2009 and now provides a range of options for browsing and downloading new Digital Terrain Models (DTM) for a large part of the European seas free of charge. The downloadable tiles are available in a number of formats, including the Fledermaus SD format for 3D viewing. The EMODnet digital bathymetry - with a gridsize of 0,25 * 0,25 minutes - has been produced from quality controlled bathymetric survey data and aggregated bathymetry data sets collated from public and private organizations. Further refinement is underway, also by gathering additional survey data sets, and will result in new releases in time.



The portal also includes a metadata discovery service, by adopting the EU SeaDataNet CDI standard, that provides useful information about the background survey data used for the DTMs, their access restrictions, originators and distributors. This way the portal provides originators and managers of hydrographic data sets an attractive shop window for promoting their data sets to potential users, without losing control.

EMODnet
European Marine Observation and Data Network

Pilot portal for Hydrography
Data Discovery and Access Service

Cart: 0 Dataset(s) Proceed to check out Reset basket Export Store query Summary Hide map ?

Reset all steps

Tools

- Home
- Search
- Hand
- Info
- Print
- Refresh
- Home
- Enlarge
- Position
- Index

Layer control Expand Add layer

- CDI entry Points
- CDI entry Tracks
- CDI entry Areas
- Grid Lines
- Regional sea
- Regional sea labels
- Main sea
- Main sea labels
- Bathymetry
- Blue Marble

Display all selected records
 Only selected records in results list

Zoom to selected

Search by:

Geographical Box

Time period

Add to basket 20 50 100 Records Go | Found 7235 | Show (1-20) | Previous | Next 20

#	Data set name	Variables measured	Instrument / gear type	Show
<input type="checkbox"/>	RV Connamara Bathymetry IMAR 2007 Loop Head 5m NetCDF	Administration and dimensions > Administration and dimensions Marine geology > Gravity, magnetics and bathymetry	Differential Global Positioning System receivers, multi-beam echosounders	

Call for cooperation to holders of additional bathymetric survey data

Besides aiming at producing and delivering a detailed digital bathymetry the EMODnet project is also aiming at compiling a complete overview of multibeam and single beam surveys for Europe's maritime basins as managed by public and private sources. These references will be included in the metadata discovery service. So far the inventory covers more than 7000 surveys from public authorities, hydrographic services and research institutes, but private sector entries are still lacking.

Holders of additional bathymetric survey data from public and private sector are hereby called to come forward to include their survey metadata. Increased participation of the private sector will make it possible to assess the present coverage of European waters with high resolution surveys and to estimate the effort required to complete gaps in coverage by new surveys which is a key question for the EU. Please contact the EMODnet team using the feedback button at the portal. Also, feedback on the present services and products for improving the portal is welcomed.

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