

EMODnet
European Marine
Observation and
Data Network

Your gateway to marine data in Europe

EMODnet High Resolution Seabed Mapping

EMODnet Steering Committee meeting, Rome – Italy, 14 September 2017

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Global objectives

- Common method to access data from surveys
- Multi-resolution Digital Terrain Model of the seabed
- Standard coastline and baseline data
- Web portal allowing easy access of the data and data products
- Interoperability (INSPIRE) and with organisations from outside EU
- Support to users and to the overall EMODnet community (secretariat, other themes)



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WPO Consortium management




- 41 collaborating organisations (40 have signed the Consortium documentation, 1 imminent)
- Kick-off meeting held end of March 2017
- Progress tracking through emails / core partners having face to face or phone meetings
- Next full meeting meeting to be held end of october





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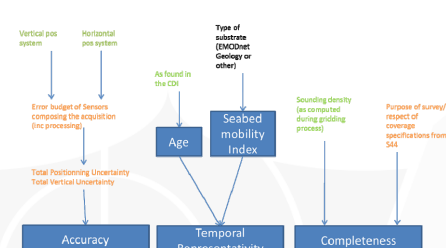


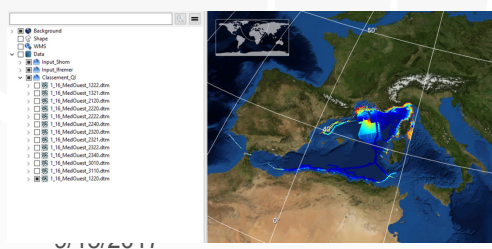
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WP1 data and metadata collection / WP2 Data processing and DTM production

Definition of a new quality indicator based on:

- Age of dataset
- Horizontal and vertical precision
- Purpose of the survey





- ⇒ Implemented within data production tools (CDI and CPRD catalogues)
- ⇒ Globe processing software upgraded
- ⇒ All data providers are now preparing and populating updated and new metadata and associated datasets

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WP3 and WP4 Technical development, portal, tools and services

- New modern EMODnet Bathymetry web portal with responsive design implemented
- WM(T)S, WFS services running and used for collaborations with NOAA for example
- Preparation and review of the set-up for the Virtual Research Environment developments at the DATARMOR computing facilities



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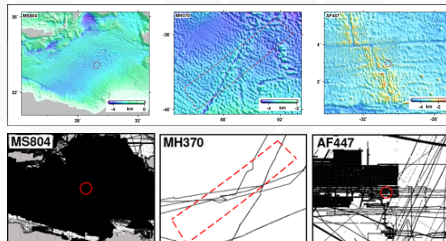
WP6 outreach

Since Jan. 2017:

- Emodnet bathymetry referenced in 19 peer reviewed papers and 4 book chapters since
- 8 Conferences (EUG, AGU, CARIS conference, Inmartech, ODIP workshop, EMODNET Geology Kick-off, IHO General assembly, ...)
- 4 Inserts or papers in technical and generalist papers, website
- "Workshop on Global Reference grid System" at the initiative of the JRC

Ongoing discussion to:

- include Emodnet-Bathy DTM in GE
- Collaborate with IHO/GEBCO (Seabed 2030)
- Converge with the AtlantOS project



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Future actions (6 months)

- ◉ Gather and populate metadata and pre-process source data
- ◉ Generate regional basin DTMs
- ◉ End of first year reporting
- ◉ Coastal interaction between DTM and tidal levels to generate coastlines

Annual EMODnet HRSM meeting to be held in Heraklion, October 25th and 26th.

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Month	Unique visitors	Number of visits	Pages	Hits	Bandwidth
Apr-17	7,013	8,395	29,746	77,222	3.09 GB
May-17	7,058	8,729	47,399	153,443	3.98 GB
Jun-17	7,122	8,682	78,472	191,738	4.72 GB

Month	Unique visitors	Pages	Hits	Bandwidth
April 2017	3654	8921	14172	109.66 Gb
May 2017	4137	14626	21406	108.79 Gb
June 2017	3809	9450	1436	168.54 Gb

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