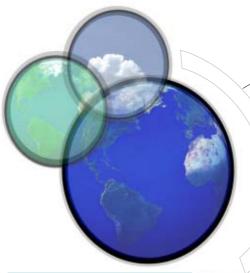
Seadatanet:

A pan-european infrastructure for ocean and marine data management.

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Abstract: Seadatanet is an European project that brings together a group of 49 partners from oceanographic institutes of 35 countries. SeaDataNet aims to develop an efficient data management infrastructure for the present and futur ocean observing and forecasting programmes, able to handle the diversity and large volume of data collected via the pan-european oceanographic fleet and the new observation systems.



Satellite data integration

Satellite altimetry is now part of the database as an additional 'platform'; this aims to develop a synergy between various ocean data that contributes to improve our approach for future ocean studies.



In-situ database

Ship-borne measurements, buoys...





Browser to discover catalogues, select your area and metadata on request

Software for data analysis, ex: Ocean Data View (ODV)

Homogeneous information and data

A unique access will provide information about marine datasets, projects, cruises, organisations, observing platforms... Data temporal availability will be updated in an automatic mode by each partner. Monitoring services will guarantee the status of the database.

Benefits for the whole scientific community

- -Make available long terms series of collected marine data from various sources for scientists and forecasting programmes
- -Facilitate the inter-thematic cooperation (atmospheric/land data) thanks to international standards applied on data format and metadata



