



EMODnet



European Marine
Observation and
Data Network

EMODnet Ingestion

14th EMODnet Technical Working Group
18 October 2023

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EMODnet Ingestion

Progress

- Steady increase of submissions and processing into publishing
 - 736 published-as-is
 - 630 elaborated
 - > 190 data originators from academics, government, industry, and NGOs



Master's Data Submission List

Show 10 entries

Submission identifier (IID)	Title of dataset	Status	Assigned Data Centre	Last Update	Controls
e1c1533b-0767-4813-ba46-460b12ba21f	Multiparameter surface observatory deployed at the hydrothermal system offshore Panama Island (Axilan Arc) - PANAREA_SFO	Approved for publishing requested from Data Submitter	ODS (Istituto Nazionale di Oceanografia)	2023-04-04 09:59:16.844275	VIEW RE-ASSIGN DELETE
eba35432-7774-4c07-8ae9-45f173f71bd3	Oxygenated polycyclic aromatic hydrocarbons in mussels found on gneiss and quartzites in Belgium. Single study	Published at Discovery and Access Service	Royal Belgian Institute of Natural Scienc...	2023-04-04 09:54:30.260476	VIEW RE-ASSIGN DELETE
5f981bf1-45d5-43d3-ac74-df93162d7092	PERSIUS Nutrients, DO2	Published at Discovery and Access Service	Hellenic Centre for Marine Research, HEL...	2023-04-04 09:54:08.026434	VIEW RE-ASSIGN



View submissions

This service allows users to search and download the datasets that have been submitted via the Submission service and that have been reviewed and completed in metadata by assigned data centers. These datasets are published "as-is" and will be further inspected and elaborated, where possible, for uptake in the national and European infrastructures supporting EMODnet. Once elaborated and included, users can also find the URLs of the European data infrastructures. See also [Conditions of Use](#).

Filter Search Found 1366 Show (1 - 20) < Prev Next >

Free search

Input string

Date [yyyy-mm-dd]

Date from

Date to

Geobox

North

West East

South

RESET SEND

Stage of processing

Phase 1 - Published as-is (736)

Phase 2 - Elaborated (630)

Results

FIGURE-CARING 2022 EUROFLEETS+ cruise - CTD and bottle data
Period: 2022-07-23 - 2022-07-26
Observation type: Dissolved gases, Other physical oceanographic measurements, Pigments, Water column temperature and salinity

Carbon parameters in the Western tropical Atlantic
Period: 2009-03-21 - 2015-11-07
Observation type: Carbon, nitrogen and phosphorus, Water column temperature and salinity

Continuous thermosalinograph data collected during Med-SHIP cruise TAIPro2022
Period: 2022-05-17 - 2022-05-26
Observation type: Other physical oceanographic measurements

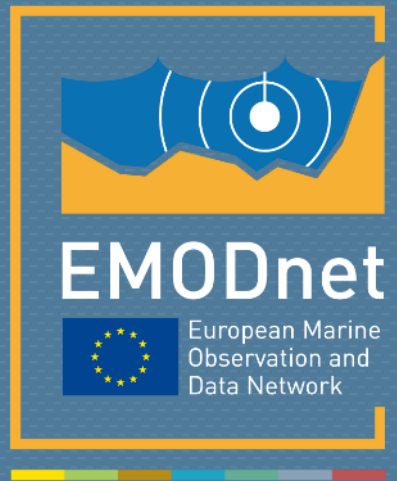
Ferrybox data collected during Med-SHIP cruise TAIPro2022
Period: 2022-05-17 - 2022-05-25

New developments

- Developing the coupling with The Crown Estate (TCE) Marine Data Exchange (MDE) through MEDIN. MDE stores, manages, and shares data and information of offshore renewable energy projects in UK North Sea sector. Selected data sets are included in the MEDIN data catalogue. Ingestion is establishing a M-to-M exchange with the MEDIN catalogue for these MDE data sets.
- Close cooperation with the Eurofleets+ project for follow-up of data sets as acquired during the EF+ TA cruises. Eurofleets+ adopted an open data strategy for all cruise data. The effort of NODCs is funded through the project, while EMODnet Ingestion and SeaDataNet SeaNoe services are used to provide cruise teams easy way for submitting their data sets. Currently, more than 20 submissions for physics, chemistry, biology, and bathymetry. Good example towards other EU projects.
- Improving and documenting the availability of data as part of offshore licenses for renewable energy, aquaculture, and other marine economic activities.
 - An inventory was made of stakeholders per country in Europe, involved in the process of giving offshore licenses and setting environmental data monitoring requirements.
 - More detailed information was collected from identified stakeholders about the procedure and in particular about the data management aspect.
 - Draft online database has been released with types of data and information, if available, where the data went; further populating is ongoing
- Migration to Central Portal – kick-off started with CP Team at 7th April 2023

Migration – current plan after a number of meetings

- **Narrative**: a draft version has been prepared on the CP development site, which needs to be reviewed and completed
- **Submission service**: Front-end and back-end will be split with API in between, so that back-end will continue to be managed by EMODnet Ingestion, while front-end will be deployed at CP server after development by Ingestion team. Currently, we are analysing and making a workplan for this target situation
- **Marine-ID to ECAS for the Submission service**: CP Team will look into the technicalities of ECAS deployment. EMODnet Ingestion team will look into connection with the back-end and how to migrate users from Marine-ID to ECAS while preserving the relations of each user with the contents in the Submissions database;
- **Realtime Stations viewer service**: Back-end will continue to be managed by EMODnet Physics and it will interact with Central Portal Map Viewer using OGC WMS – WFS exchange and making use of ERDDAP for filtering and retrieving metadata and data. EMODnet Physics is progressing with reorganizing its overall set-up, which will also require efforts from CP Team for fitting the filter service. Same set-up will also be followed for regular EMODnet Physics maps and info.
- **Viewing service**: Back-end will continue to be managed by EMODnet Ingestion, while it is planned to harvest regularly its contents (full submission records) into the Central Portal Products Catalogue. A mapping analysis has been performed by HCMR, indicating that there are multiple metadata fields which are not (yet) supported by the Products Catalogue. CP team will review the mapping analysis and together with EMODnet Ingestion will see how the format of the Products Catalogue might be expanded with extra tags to make it fit. => Separate presentation by HCMR



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