

Powering the European Marine Data Ecosystem

For a digital and green future

EMODnet OPEN CONFERENCE 2023



Session 1: EMODnet: a unified public marine data service

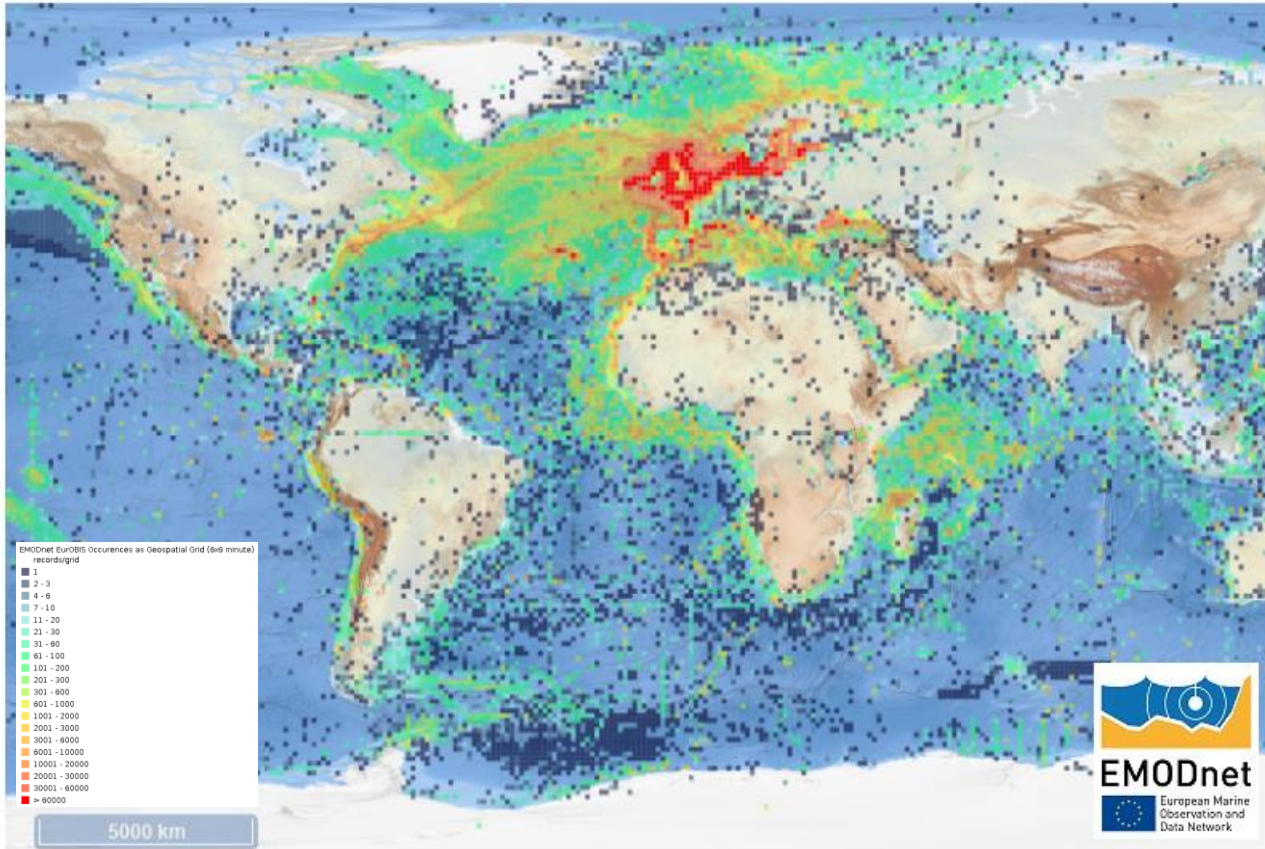
EMODnet Biology

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EMODnet Biology

Latest offer and key achievements



- 1301 datasets, 35.6M occurrence records + 92.4 extended measurements or facts
- 38 products covering all European seas
- 3 R Packages available via the [EMODnet GitHub](#)
- Open and free [training resources and tools](#)



15 Jun 2021

EMODnet partners with Copernicus Marine for a joint data catalogue supporting evaluation of Good Environmental Status for the Marine Strategy Framework Directive

A joint Copernicus Marine and EMODnet data catalogue for the Marine Strategy Framework Directive (MSFD) has been developed. It gathers all relevant marine data products from the [Copernicus Marine Service](#) and EMODnet for all descriptors (except Descriptor 4) in the Baltic Sea.

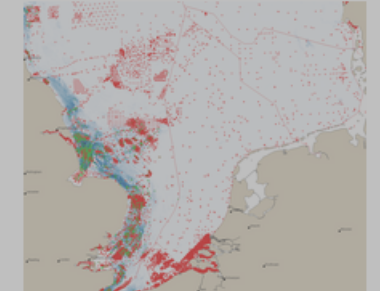
GOVERNMENT/PUBLIC ADMINISTRATION



01 Apr 2022

Distribution of reef-building benthos in the North Sea

The request by the Dutch Ministry of Infrastructure and Transport was to chart the actual distribution of four reef-building



14 Mar 2023

EMODnet Biology datasets enriched with standardized associated media information

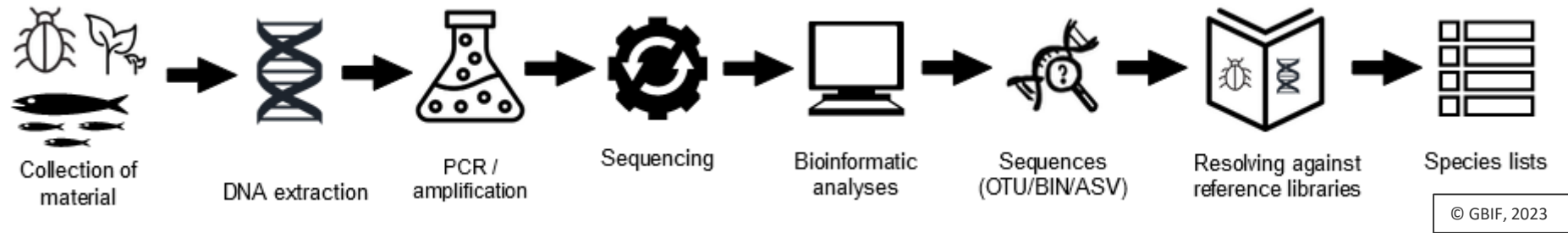
Flanders Marine Institute, coordinator of EMODnet Biology, developed guidelines on how to report imaging data (focusing on the specific case of plankton imaging) in a standardised manner.



RESEARCH/ACADEMIA

The EMODnet centralisation has allowed users to access EMODnet's assets from a single point and using various tools and services that are common to all themes

- Ingestion and publication of marine genomics data



- Training workshops covering data manipulation and a digitisation project creation in a citizen science platform
- Streamline semantic interoperability
- Product creation/publication including those covering the impacts that offshore structures have in migrating species

