



The European Marine Observation and Data Network – (EMODnet) – Biology

<https://www.emodnet-biology.eu/>



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Coordinated by:

NIMRD Project Coordinator: dr. Laura Boienco

The European Marine Observation and Data Network (EMODnet) consists of more than 160 organisations that together work on assembling, harmonising and making marine data, products and metadata more available to public and private users. This Data Ingestion portal facilitates additional data managers to ingest their marine datasets for further processing, publishing as open data and contributing to applications for society.

The EMODnet Atlas of Marine Life provides a combination of tools, models and spatial maps that allow to visualise marine biological data. The Atlas gives an overview of the marine birds, mammals, reptiles, fish, benthos, algae and plankton that occur in European marine waters. Currently you can find products on:

- Phytoplankton biomass and diversity
- Zooplankton biomass and diversity
- Fish abundance and distribution
- Marine turtles, birds, mammals abundance and distribution
- Hard coral cover and composition
- Seagrass cover and composition
- Macroalgal canopy cover and composition
- Benthic invertebrate abundance and distribution

Partnerships

Belgium (Flanders Marine Institute - VLIZ, University of Liège - ULG, Institute for Agricultural and Fisheries Research, International Oceanographic Data and Information Exchange" - IODE of the Intergovernmental Oceanographic Commission - IOC), Denmark (International Council for the Exploration of the Sea - ICES, Danish Centre For Environment And Energy - DCE), Greece (Hellenic Centre for Marine Research - HCMR), Finland (Suomen ympäristökeskus - Finnish Environment Institute - SYKE), France (French Research Institute for Exploitation of the Sea - Ifremer), Italy (National Institute of Oceanography and Experimental Geophysics - OGS), Netherland (Royal Netherlands Institute for Sea Research - NIOZ, Marine Information Service - MARIS-SDN, Deltares), Norway (Institute of Marine Research - IMR), Portugal (Instituto Português do Mar e da Atmosfera, I.P. - IPMA), Romania (National Institute for Marine Research and Development "Grigore Antipa" - NIMRD), Spain (Spanish Institute of Oceanography - IEO, Instituto de Hidráulica Ambiental - IH Cantabria), Sweden (Sweden's Meteorological and Hydrological Institute - SMHI), Ukraine (Ukrainian Scientific Centre of Ecology of the Sea - UkrSCES), United Kingdom (Marine Biological Association - MBA, Centre for Environment, Fisheries and Aquaculture Science - Cefas, University of Sheffield)

