



The European Marine Observation and Data Network (EMODnet):

A public EU operational marine *in situ* data service

EU GREAT project webinar on Biodiversity Data, 10 May 2023

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European Marine Observation and Data Network (EMODnet)

[About](#) ▾ [Data Services](#) ▾ [Solutions](#) ▾ [Themes](#) ▾ [Community Pages](#) ▾ [Atlas of the Seas](#) ▾ [EU-China](#) ▾ [News & Events](#) ▾

Home



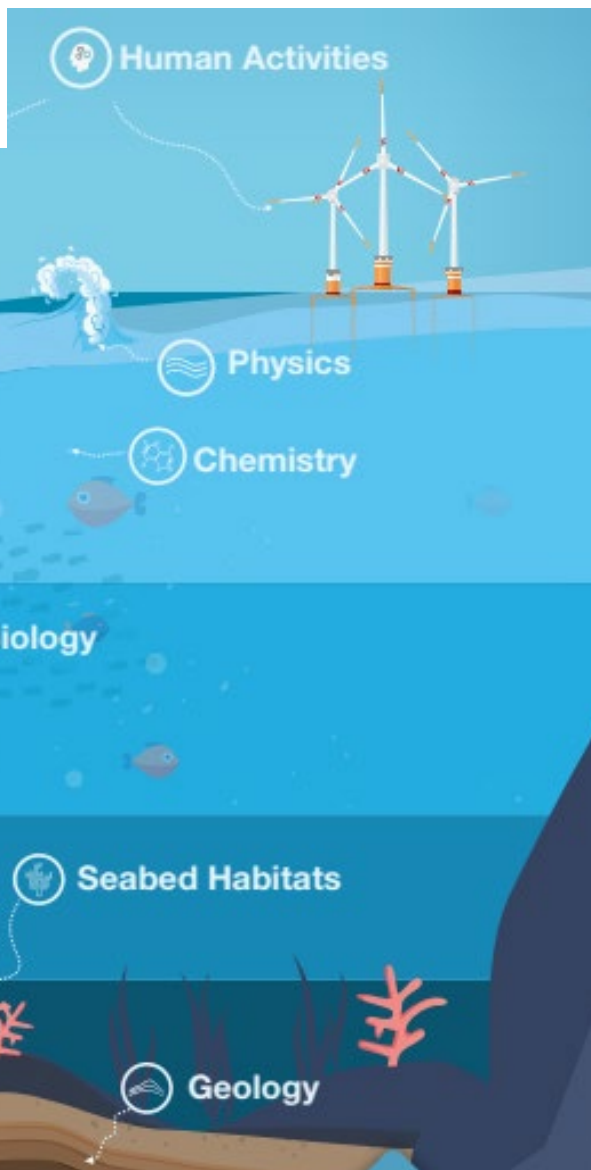
 **EMODnet**
European Marine
Observation and
Data Network

THE EUROPEAN MARINE OBSERVATION AND DATA NETWORK (EMODNET)

EMODnet consists of more than 120 organisations assembling marine data, products and metadata to make these fragmented resources more available to public and private users relying on quality-assured, standardised and harmonised marine data which are interoperable and free of restrictions on use.

EMODnet is the operational *public marine in situ* data service and marine knowledge initiative of the European Commission (DG MARE)

EMODnet in a nutshell



- *In situ* marine data (field data)
- **Seven thematics** (bathymetry, biology, chemistry, geology, human activities, physics, seabed habitats);
- **Hundreds of data parameters** from diverse sources and added value **data products**;
- A **community** of > 120 organisations many more thematic data experts;
- **European authority and regional best practice** in the marine data domain;

EMODnet provides open and free access to marine *in situ* (field) data, data products and information and together with Copernicus Marine Service provides the back-bone for the European Digital Twin Ocean (with associated data lake). This is a key component of the wider European marine data space and EU Green Deal Data Space ensuring that the European marine knowledge base is interoperable and accessible to meet the ambitious targets of the EU Green Deal, EU 2030 Biodiversity Strategy, EU Mission Restore our Ocean and Waters, and more.



EMODnet

European Marine Observation and Data Network



Copernicus Marine Service



Copernicus
Europe's eyes on Earth



Implemented by
MERCATOR OCEAN INTERNATIONAL



Intergovernmental Oceanographic Commission



2021 United Nations Decade of Ocean Science for Sustainable Development

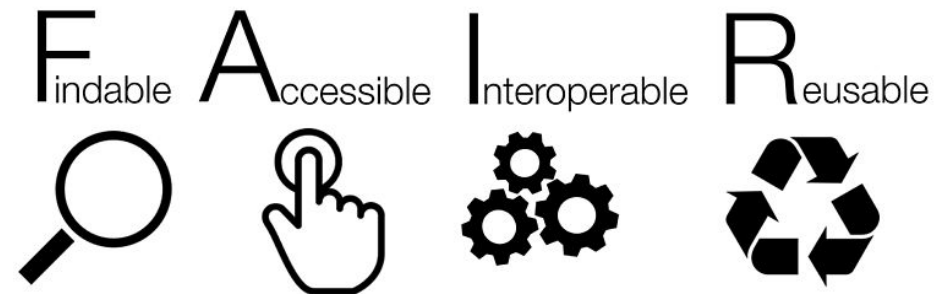
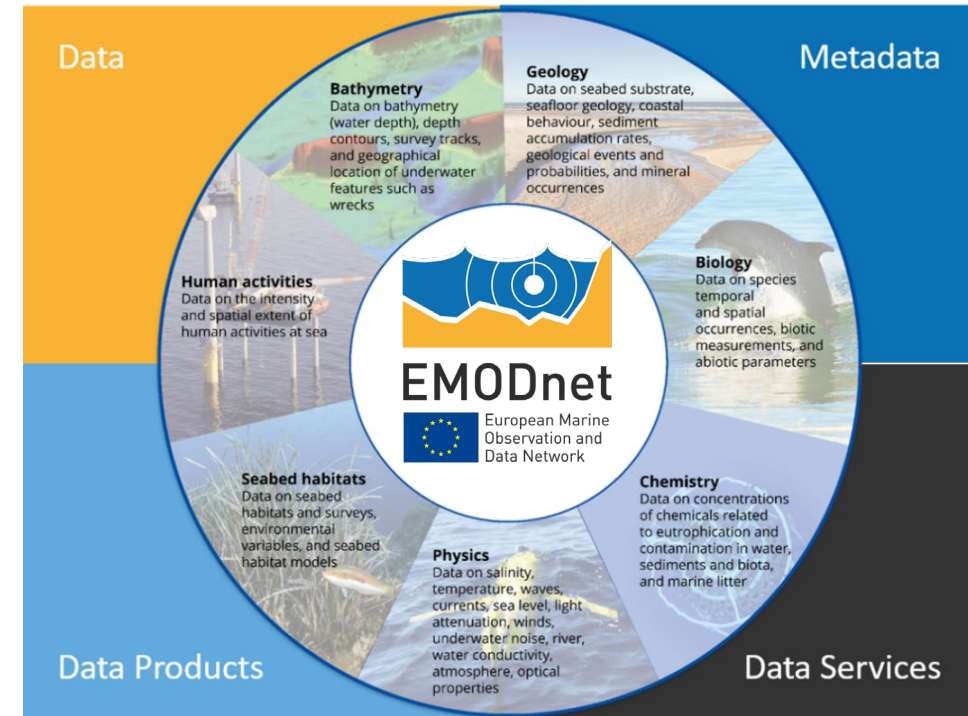


emodnet.ec.europa.eu



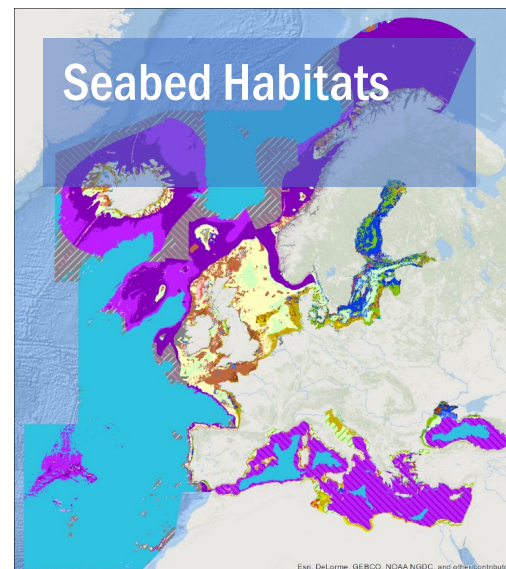
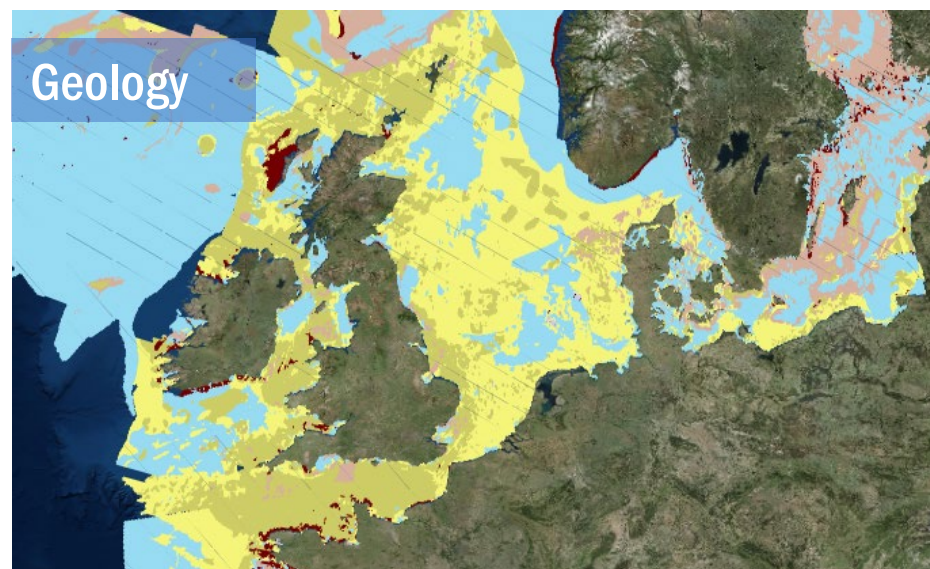
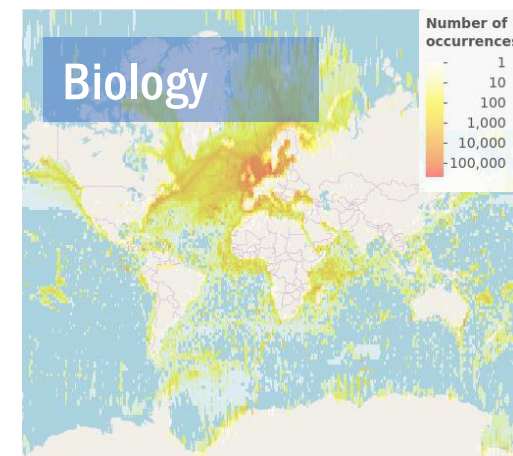
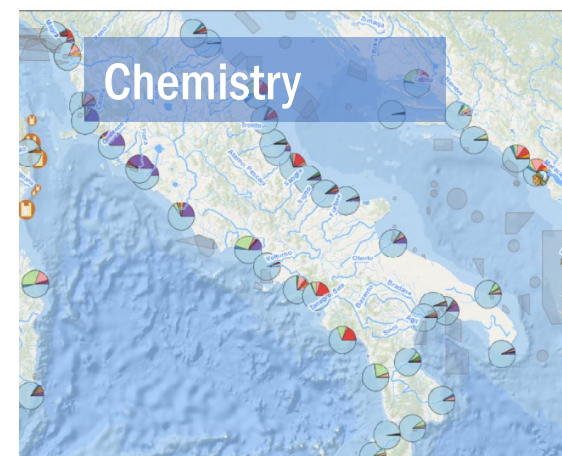
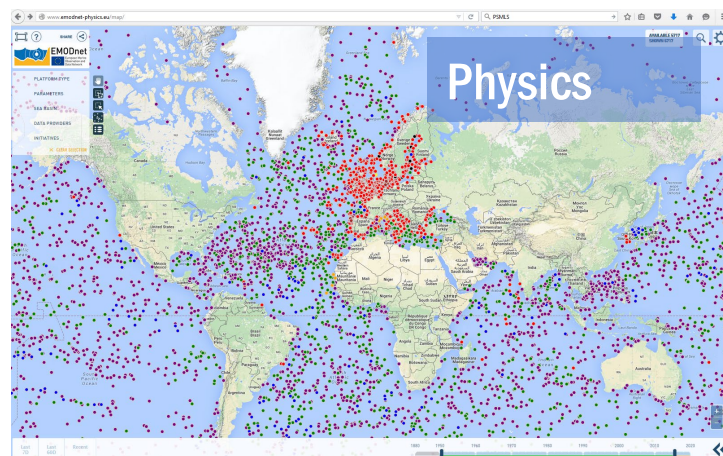
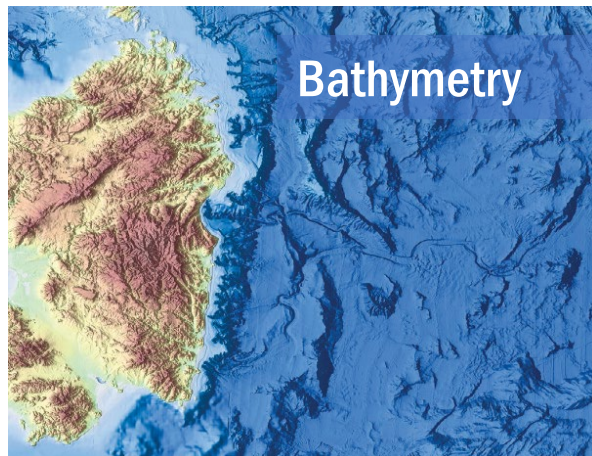
EMODnet | Interoperable marine data, data products and metadata, standardised and harmonised to EU and International standards

- INSPIRE (EU) and FAIR (International) data standards and principles
- Aggregated, harmonized multi-parameter data sets
- Searchable metadata (ISO standards)
- Data services (maps, query)
- Integrated data products
- Data and web services e.g. OGC, machine-machine readability e.g. WMS, WFS, WCS and use of APIs
- Adheres to CC BY 4.0 data policy and



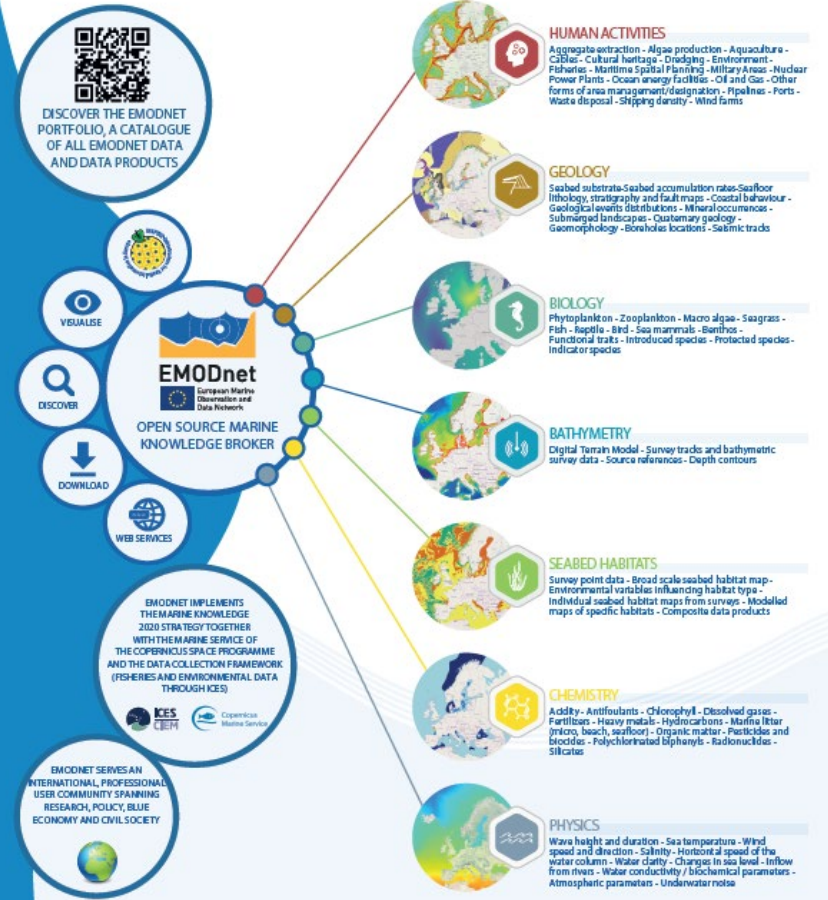
EMODnet | The results of data sharing and working together

Unlocking and democratising marine data from diverse sources



[Ten Years of EMODnet in Ten Minutes - watch the full movie - YouTube](#)

EMODnet | Service offer



Examples of EMODnet biodiversity-relevant parameters from Biology and Seabed Habitat thematics:



BIOLOGY

Phytoplankton - Zooplankton - Macro algae - Seagrass - Fish - Reptile - Bird - Sea mammals - Benthos - Functional traits - Introduced species - Protected species - Indicator species



SEABED HABITATS

Survey point data - Broad scale seabed habitat map - Environmental variables influencing habitat type - Individual seabed habitat maps from surveys - Modelled maps of specific habitats - Composite data products

emodnet.ec.europa.eu

@EMODnet

For full list of data and data products visit emodnet.ec.europa.eu/en/communication/data-and-product

The European Marine Observation and Data Network (EMODnet) is financed by the European Union under Regulation (EU) 2021/1130 of the European Parliament and of the Council of 7 July 2021 establishing the European Maritime, Fisheries and Aquaculture Fund and its predecessor, Regulation (EU) No. 508/2014 of the European Parliament and of the Council of 15 May 2014 on the European Maritime and Fisheries Fund

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EMODnet | Collaborations and partnerships for marine biodiversity data



EMODnet thematic experts from across Europe work together with **EMODnet Data Ingestion** and wider stakeholders to **find, ingest and make available integrated, interoperable data**. This is conducted in direct dialogue with **data collectors and data providers** from research, private sector, policy and NGOs, **Marine Research Infrastructures, National and Regional data centres, other marine data services, Regional Sea Commissions, EU projects, organisations and networks**. For marine biodiversity data this includes the above examples together with IPBES, GEBON, MBON, BiodivERsA, iAtlantic, AtlantECO, Mission Atlantic, MARCO-BOLO, etc.

One central map viewer

to visualise all EMODnet data

1 OCEAN 1 EMODnet

One single portal

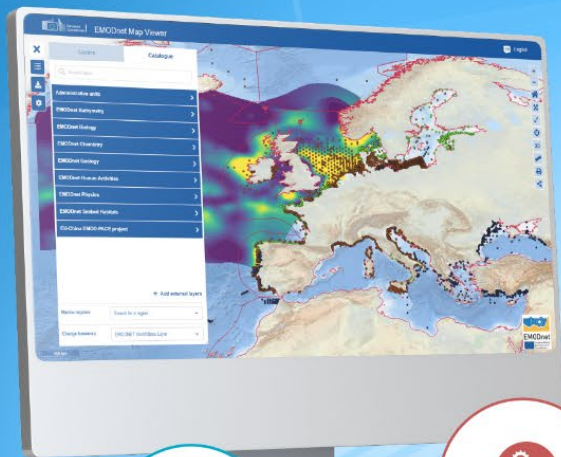
One central metadata catalogue

to enhance data search and discovery

140
partners

+100
use cases

Discover, visualise and
download marine data and products
across 7 thematics and hundreds of parameters



BATHYMETRY



HUMAN ACTIVITIES



PHYSICS



GEOLOGY



SEABED HABITATS



CHEMISTRY



BIOLOGY

EMODNET.EC.EUROPA.EU



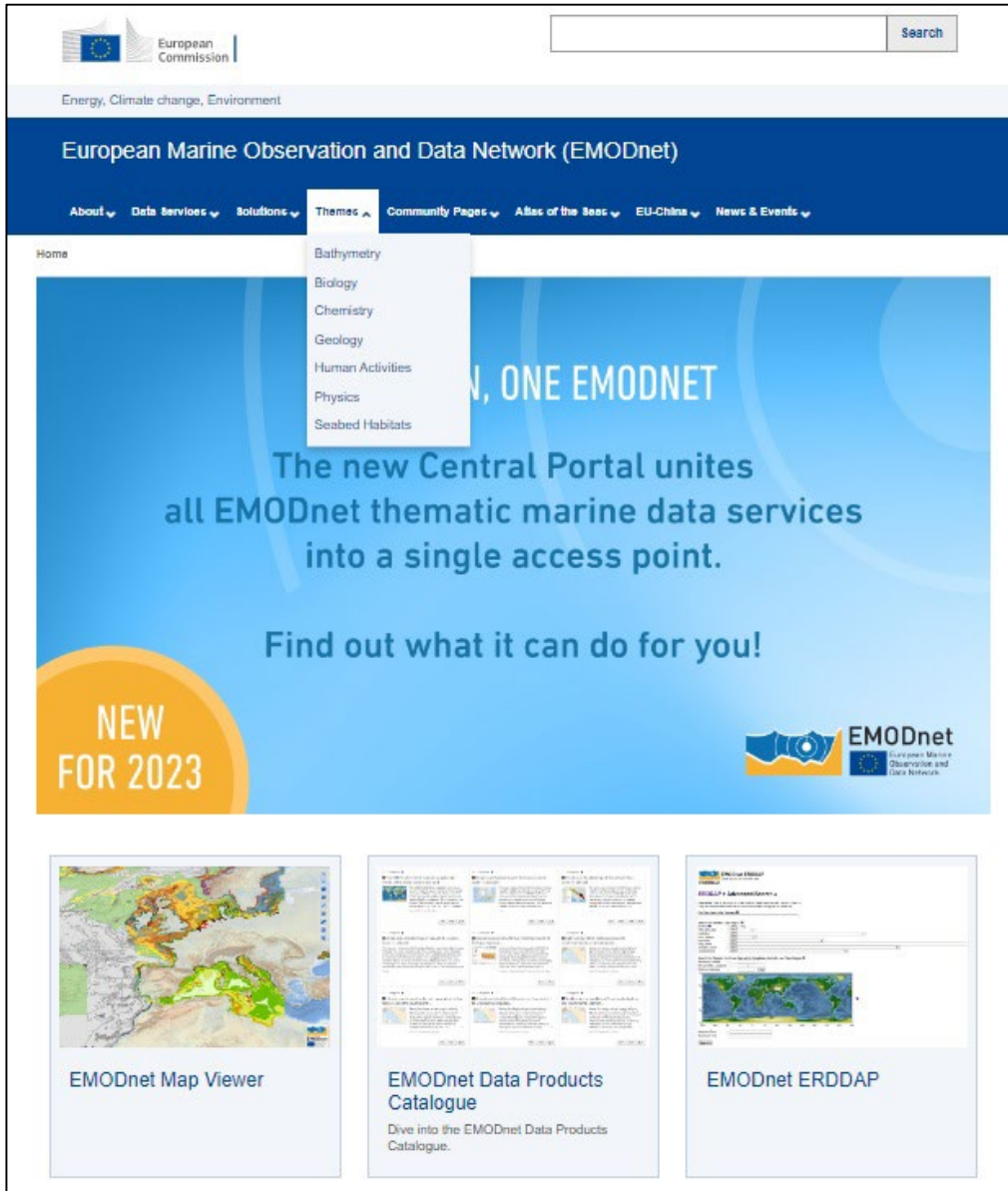
The European Marine Observation and Data Network (EMODnet) is financed by the European Union under regulation (EU) No 508/2014 of the European Parliament and of the Council of 15 May 2014 on the European Maritime and Fisheries Fund

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YOUR GATEWAY TO *IN SITU* MARINE DATA IN EUROPE AND BEYOND



EMODnet | One new portal to replace all thematic portals



European Commission

Energy, Climate change, Environment

European Marine Observation and Data Network (EMODnet)

About Data Services Solutions Themes Community Pages Atlas of the Seas EU-China News & Events

Home

Bathymetry
Biology
Chemistry
Geology
Human Activities
Physics
Seabed Habitats

NEW FOR 2023

THE NEW CENTRAL PORTAL UNITES ALL EMODNET THEMATIC MARINE DATA SERVICES INTO A SINGLE ACCESS POINT.

Find out what it can do for you!

EMODnet
European Marine Observation and Data Network

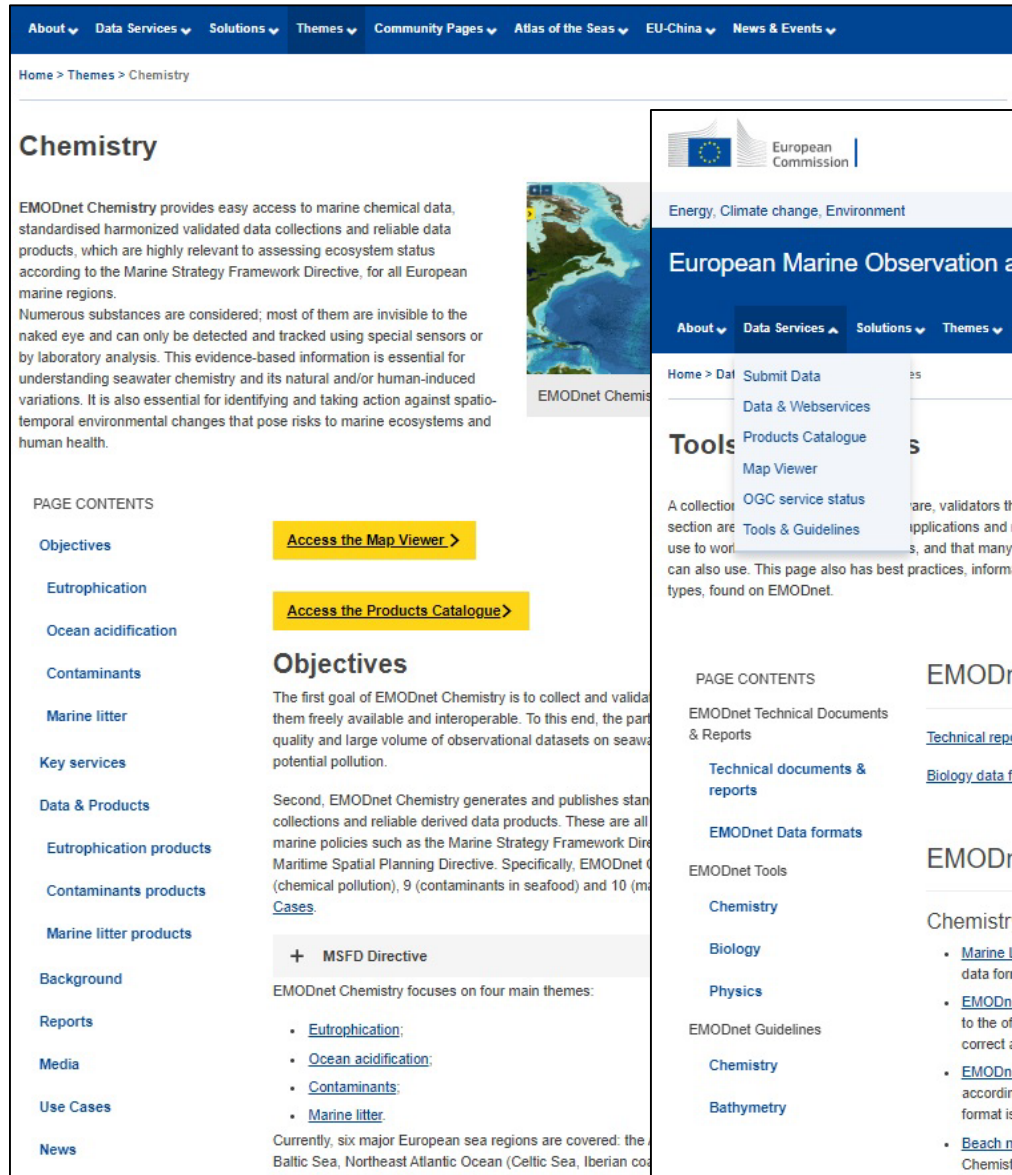
EMODnet Map Viewer

EMODnet Data Products Catalogue
Dive into the EMODnet Data Products Catalogue.

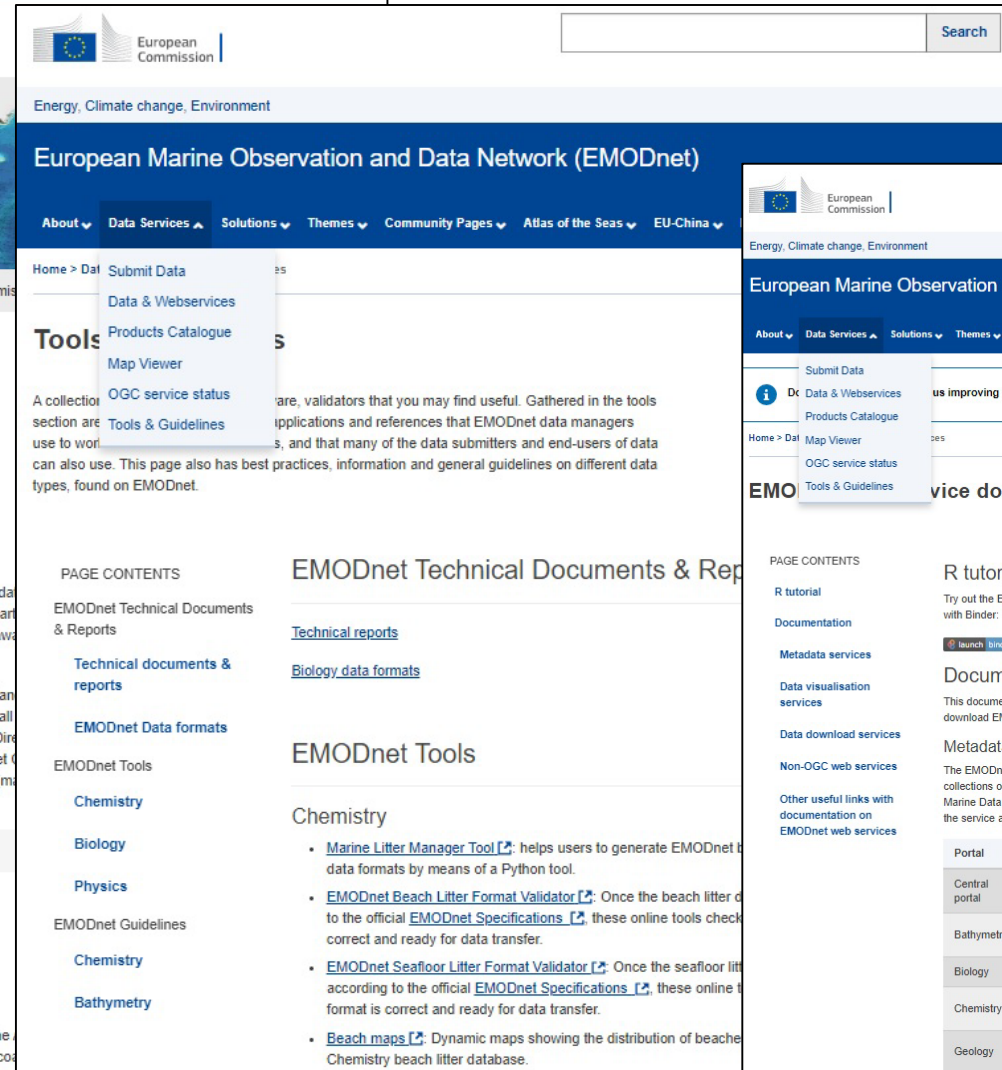
EMODnet ERDDAP

- One EMODnet **website**
- One EMODnet **map viewer**
- One EMODnet **catalogue**
- One EMODnet **ERDDAP**
- Thematic portals are **gone**
- Striving for **consistency** across **themes** in:
 - Metadata
 - File formats
 - Download APIs
 - Web Services

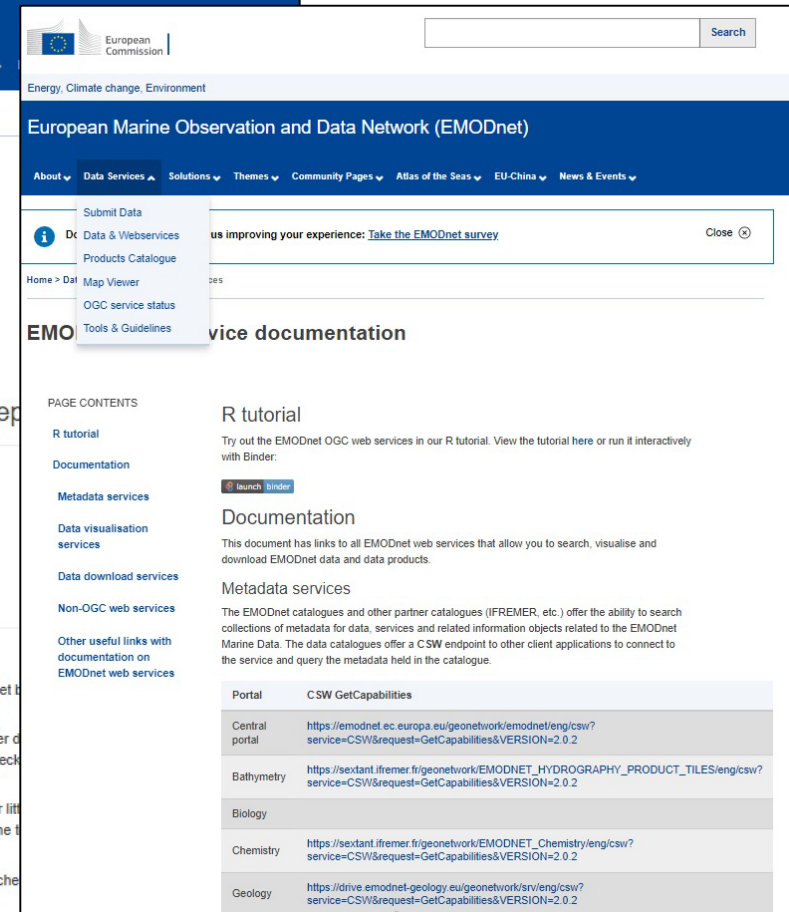
EMODnet | One website – thematic pages – common information pages



This screenshot shows the 'Chemistry' page on the EMODnet website. The top navigation bar includes 'About', 'Data Services', 'Solutions', 'Themes', 'Community Pages', 'Atlas of the Seas', 'EU-China', and 'News & Events'. The breadcrumb trail reads 'Home > Themes > Chemistry'. The main heading is 'Chemistry', followed by a descriptive paragraph about the data services. A 'PAGE CONTENTS' sidebar on the left lists sections like 'Objectives', 'Eutrophication', 'Ocean acidification', 'Contaminants', 'Marine litter', 'Key services', 'Data & Products', 'Eutrophication products', 'Contaminants products', 'Marine litter products', 'Background', 'Reports', 'Media', 'Use Cases', and 'News'. Two yellow callout boxes highlight 'Access the Map Viewer >' and 'Access the Products Catalogue >'. The main content area includes an 'Objectives' section with a list of goals and a 'Background' section.



This screenshot shows the 'Tools' page on the EMODnet website. The top navigation bar is identical to the Chemistry page. The breadcrumb trail is 'Home > Data Services > Tools'. The main heading is 'Tools', followed by a description of the tool collection. A dropdown menu is open under 'Data Services', listing 'Submit Data', 'Data & Webservices', 'Products Catalogue', 'Map Viewer', 'OGC service status', and 'Tools & Guidelines'. The 'Map Viewer' option is highlighted. The main content area includes a 'PAGE CONTENTS' sidebar and a 'Chemistry' section with a list of tools: 'Marine Litter Manager Tool', 'EMODnet Beach Litter Format Validator', 'EMODnet Seafloor Litter Format Validator', and 'Beach maps'.



This screenshot shows the 'Documentation' page on the EMODnet website. The top navigation bar is identical to the other pages. The breadcrumb trail is 'Home > Data Services > Documentation'. The main heading is 'Documentation', followed by a description of the documentation. A 'PAGE CONTENTS' sidebar is on the left. The main content area includes a 'R tutorial' section and a 'Documentation' section with a list of services: 'Portal', 'Central portal', 'Bathymetry', 'Biology', 'Chemistry', and 'Geology'. A table at the bottom lists the CSW GetCapabilities endpoints for each service.

Portal	CSW GetCapabilities
Central portal	https://emodnet.ec.europa.eu/geonetwork/emodnet/eng/csw?service=CSW&request=GetCapabilities&VERSION=2.0.2
Bathymetry	https://sextant.ifremer.fr/geonetwork/EMODNET_HYDROGRAPHY_PRODUCT_TILES/eng/csw?service=CSW&request=GetCapabilities&VERSION=2.0.2
Biology	
Chemistry	https://sextant.ifremer.fr/geonetwork/EMODNET_Chemistry/eng/csw?service=CSW&request=GetCapabilities&VERSION=2.0.2
Geology	https://drive.emodnet-geology.eu/geonetwork/srv/eng/csw?service=CSW&request=GetCapabilities&VERSION=2.0.2

EMODnet | One central catalogue

EMODnet Product Catalogue

Search English

Search ...

Nothing in basket

Filter

- TYPE OF RESOURCES
 - Dataset (570)
 - Series (19)
- AVAILABLE ACTIONS
 - Viewable (453)
 - Downloadable (58)
- TOPICS
 - Environment (568)
 - Biota (203)
 - Oceans (99)
 - Geoscientific information (25)
 - Imagery base maps earth cover (2)
- KEYWORDS
 - Environment (568)
 - Habitats and biotopes (538)
 - Metadata GDI-VI-conform (528)
 - Marine habitat mapping (278)
 - Biota (203)
- CONTACT FOR THE RESOURCE
 - Hellenic Centre for Marine Rese... (132)
 - Hellenic National Oceanographic... (131)
 - National Parks and Wildlife Service (79)
 - Joint Nature Conservation Commi... (56)
 - EMODnet Seabed Habitats (43)
- PROVIDED BY
 - EMODnet Seabed Habitats (564)
 - EMODnet Chemistry (19)
 - EMODnet Human Activities (6)
- YEARS
 - 2022 (5)
 - 2021 (15)
 - 2019 (16)
 - 2018 (10)
 - 2017 (27)
- FORMATS

Search results grid:

- North East Atlantic Ocean - Contaminants aggregated datasets 1970/2017 v2018
- North Sea - Contaminants aggregated datasets 1970/2017 v2018
- Black Sea - Contaminants aggregated datasets 1974/2017 v2018
- Baltic Sea - Contaminants aggregated datasets 1972/2017 v2018
- Mediterranean Sea - Contaminants aggregated datasets 1974/2017 v2018
- Habitat Map of "Capo Milazzo" marine protected area



EMODnet Product Catalogue

Search English

Back to search Previous Next

Download Display mode

North Sea - Contaminants aggregated datasets 1959/2019 v2021

EMODnet Chemistry aims to provide access to marine chemistry data sets and derived data products concerning eutrophication, ocean acidification and contaminants. The chemicals chosen reflect importance to the Marine Strategy Framework Directive (MSFD). This regional aggregated dataset contains all unrestricted EMODnet Chemistry data on contaminants, and covers the North Sea with 34978 CDI records divided per matrices: 1460 biota, 24740 water profiles, 8090 sediment profiles and 281 sediment time series. For water, the temporal range is from 1959-10-03 to 2019-12-30. For sediment, the temporal range is from 1970-07-11 to 2019-12-18 for profile data and from 1993-09-18 to 2015-06-15 for the time series. For biota, the temporal range is from 1979-02-26 to 2018-02-28. Data were aggregated and quality controlled by 'Aarhus University, Department of Bioscience, Marine Ecology Roskilde from Denmark'. Regional datasets concerning contaminants are automatically harvested. Parameter names in these datasets are based on P01, BODC Parameter Usage Vocabulary, which is available at: http://seadatanet.maris2.nl/bandit/browse_step.php. Each measurement value has a quality flag indicator. The resulting data collections for each Sea Basin are harmonised, and the collections are quality controlled by EMODnet Chemistry Regional Leaders using ODV Software and following a common methodology for all Sea Regions. Harmonisation means that: (1) unit conversion is carried out to express contaminant concentrations with a limited set of measurement units (according to EU directives 2013/39/UE, Comm. Dec. EU 2017/848) and (2) merging of variables described by different "local names" but corresponding exactly to the same concepts in BODC P01 vocabulary. Detailed documentation is available at: <https://doi.org/10.8092/8b52e8d7-dc92-4305-9337-7634a5cae3f4>. Explore and extract data at: <https://emodnet-chemistry.webodv.awi.de/contaminants%3ENorthSea>. The harmonised dataset can also be downloaded as ODV spreadsheet (TXT file), which is composed of metadata header followed by tab separated values. This worksheet can be imported to ODV Software for visualisation (More information can be found at: <https://www.seadatanet.org/Software/ODV>). The same dataset is offered also as XLSX file in a long/vertical format, in which each P01 measurement is a record line. Additionally, there are a series of columns that split P01 terms in subcomponents (measure, substance, CAS number, matrix...). This transposed format is more adapted to worksheet applications users (e.g. LibreOffice Calc). The original datasets can be searched and downloaded from EMODnet Chemistry Download Service: <https://emodnet-chemistry.maris.nl/search>

Identification Content ReferenceSystem Quality DomainConsistency

Distribution format **Zipped file (ODV spreadsheet and transposed spreadsheet) (Version: 1.0)**

Distributor

Organisation name	National Institute of Oceanography and Applied Geophysics - OGS, Division of Oceanography
Delivery point	Borgo Grotta Gigante 42/c
City	Sgonico (Trieste)
Postal code	34010
Country	Italy
Electronic mail address	nodc@ogs.trieste.it
Linkage	http://www.ogs.trieste.it/
Role	Distributor: Party who distributes the resource

Overviews

- Water
- Sediment timeseries
- Sediment profiles
- Biota

Users can access metadata and data service information in the catalogue

EMODnet | One map viewer - controls



- Expand Layers
- Show Legend
- Subset & Download
- Map Settings

- Zoom control
- Default extent
- Zoom to layers extent
- Toggle Full Screen
- Zoom to my location
- Change to 3D
- Measure distance
- Print to PDF/PNG
- Share map link



EMODnet | One map viewer – subset and download e.g., species occurrence data

The screenshot displays the EMODnet Map Viewer interface. The main map shows a grid of data points over the North Atlantic region. A legend on the left lists various data layers and their corresponding colors. A 'Filter layers' dialog box is open, showing a search for 'Orcinus orca'. A 'Product selection' dialog box is also open, showing a table with 'RecordCount' and a value of '1'. The interface includes a top navigation bar with the European Commission logo and 'EMODnet Map Viewer' text, and a bottom right corner with the EMODnet logo and 'Clear all selections' button.

Legend

- EurOBIS database observations
- EMODnet EurOBIS Occurrences as Geospatial Grid (points)
- EMODnet EurOBIS Occurrences as Geospatial Grid (6x6 minute records/grid)
- 1
- 2 - 3
- 4 - 6
- 7 - 10
- 11 - 20
- 21 - 30
- 31 - 60
- 61 - 100
- 101 - 200
- 201 - 300
- 301 - 600
- 601 - 1000
- 1001 - 2000
- 2001 - 3000
- 3001 - 6000
- 6001 - 10000
- 10001 - 20000
- 20001 - 30000
- 30001 - 60000
- > 60000

Product selection:

Layer	Format
EurOBIS database observations	CSV x

Filter layers

Predefined filters

Taxon name

Orcinus orca x

Clear Apply

EurOBIS database observations

Select your area

RecordCount
1

100 km 3.05621, 57.92250

EMODnet European Marine Observation and Data Network

Clear all selections

EMODnet | One map viewer – subset and download e.g., Biology data product

European Commission | EMODnet Map Viewer

EN English

Layers | Catalogue

Active | Actions

Temporal changes in...

Temporal changes in benthic communities (#species)

This product builds on the EMODnet Biology data product Presence/absence data of macrozoobenthos in the European Seas to derive estimates of temporal turnover in benthic communities on a spatial grid across European seas. This product only uses species-level records, and only uses sampling events where the full macrobenthic community was surveyed (i.e. where there are no 'NA' values in the presence/absence dataset for any species). Six time periods are considered, based on data availability: before 1990, 1990-1999, 2000-2004, 2005-2009, 2010-2014, and 2015 and after. A 1 degree grid is used to obtain reasonable numbers of repeat samples per grid cell. The code below could be adapted to set different time periods and/or a different grid resolution

Marine regions: Search for a region ...

Change basemap: EMODNET World Base Layer

500 km

Legend

Temporal changes in benthic communities (#species)

- 0
- [0.0 - 0.25]
- [0.25 - 0.5]
- [0.5 - 0.75]
- [0.75-1]
- [1-1.2]
- [1.2-35]
- [35-100]
- [100-200]
- [200-350]
- [350-1109]

EMODnet
European Marine Observation and Data Network

EMODnet | One map viewer – full download e.g., Seabed Habitats EUSeaMap

EMODnet Map Viewer | EN English

Layers | **Catalogue**

- EMODnet Bathymetry
- EMODnet Biology
- EMODnet Chemistry
- EMODnet Geology
- EMODnet Human Activities
- EMODnet Physics
- EMODnet Seabed Habitats

EMODnet Seabed Habitats

- Composite data products (created by EMODnet)
- Composite data products (created by others)
- EMODnet broad-scale seabed habitat map for Europe (EUSeaMap)
- EUSeaMap (2021) habitat types (Barcelona Conventio...)
- EUSeaMap (2021) habitat types (EUNIS 2007/full-detai...)
- EUSeaMap (2021) habitat types (EUNIS 2019)
- EUSeaMap (2021) habitat types (HELCOM Underwater...)
- EUSeaMap (2021) habitat types (MSFD benthic broad ...)

EUSeaMap (2021) habitat types (EUNIS 2007/full-detail classification)

The model is produced using R and Arc Model Builder (10.1).

The model was created using raster input layers with a cell size of 0.00104dd (roughly 100 metres). The model includes the sublittoral zone only; due to the high variability of the littoral zone, a lack of detailed substrate data and the resolution of the model, it is difficult to predict littoral habitats at this scale.

EUSeaMap is classified into EUNIS 2019 level 3 (or more detailed levels where appropriate), EUNIS 2019 level 2, EUNIS 2007-2011, the MSFD benthic broad habitat types, the HELCOM HUB classification in the Baltic, and the recently revised habitat classification in the Mediterranean. In the Black Sea, EUSeaMap is not classified into EUNIS 2007-2011 (due to inapplicability), but is classified according to a classification that was developed by EMODnet Seabed Habitats (Populus et al, 2017, and for a revised version Vasquez et al, 2020, See Online resources).

Reports that provide methods used for the classification of the predicted habitats into the new 2019 EUNIS classification, regional classifications, and MSFD BBHT (v.2017) are linked in Online Resources.

A report on the methods used in the 2021 version of EUSeaMap (Vasquez et al., 2021) and reports on previous versions (v2016 and V2019) are linked in Online Resources.

EMODnet Seabed Habitats

[Access to metadata](#) [Download](#)

200 km

EMODnet
European Marine Observation and Data Network

EMODnet | One map viewer – full download e.g., Seabed Habitats EUSeaMap

European Commission | EMODnet Map Viewer | EN English

Legend

EUSeaMap (2021) habitat types (EUNIS 2007/full-detail classification)
EUSeaMap (2021) Broad-Scale Predictive Habitat Map - EUNIS 2007 classification

- A3: Infralittoral rock and other hard substrata
 - A3.1: Atlantic and mediterranean high energy infralittoral rock
 - A3.2: Atlantic and Mediterranean moderate energy infralittoral rock
 - A3.3: Atlantic and Mediterranean low energy infralittoral rock
 - A3.4: Baltic exposed infralittoral rock
 - A3.5: Baltic moderately exposed infralittoral rock
 - A3.6: Baltic sheltered infralittoral rock
- A4: Circalittoral rock and other hard substrata
 - A4.1: Atlantic and Mediterranean high energy circalittoral rock
 - A4.2: Atlantic and Mediterranean moderate energy circalittoral rock
 - A4.12 or A4.27 or A4.33: Sponge communities on deep circalittoral rock
 - A4.2: Atlantic and Mediterranean moderate energy circalittoral rock
 - A4.26: Mediterranean coralligenous communities moderately exposed
 - A4.27: Faunal communities on deep moderate energy circalittoral rock
 - A4.3: Atlantic and Mediterranean low energy circalittoral rock
 - A4.33: Faunal communities on deep low energy circalittoral rock
 - A4.4: Baltic exposed circalittoral rock
 - A4.5: Baltic moderately exposed circalittoral rock
 - A4.6: Baltic sheltered circalittoral rock
- A5: Sublittoral sediment
 - A5.13: Infralittoral coarse sediment
 - A5.14: Circalittoral coarse sediment

EUSeaMap (2021) habitat types (EUNIS 2007/full-detail classification)

EUSeaMap (2021) Broad-Scale Predictive Habitat Map - EUNIS 2007 classification 200m simplification

(View layer metadata)

EUNIS 2007	A5.611: [Sabellaria spinulosa] on stable circalittoral mixed sediment
Description	mixed sediment
Habitat Description	A5.611: [Sabellaria spinulosa] on stable circalittoral mixed sediment
Energy	High energy
Biozone	Shallow circalittoral
Substrate	[Sabellaria spinulosa] reefs
Salinity Regime	
Oxygen Regime	

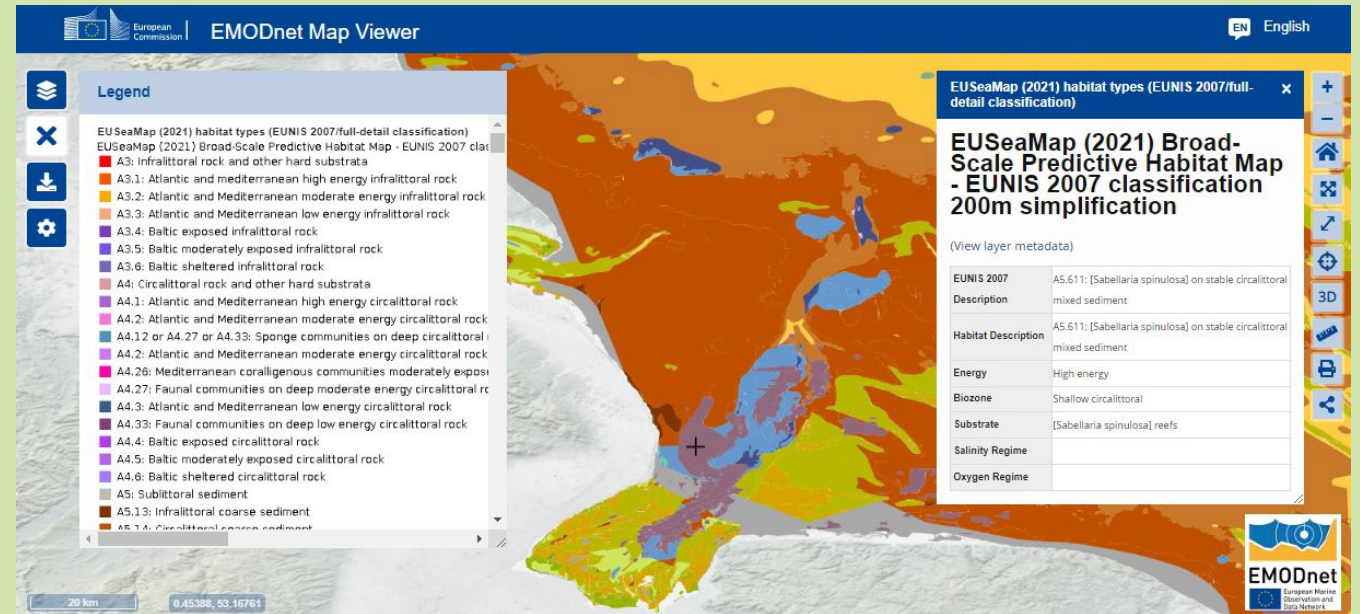
20 km | 0.45388, 53.16761

EMODnet | European Marine Observation and Data Network



SEABED HABITATS

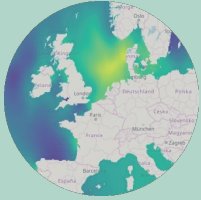
EMODnet Seabed Habitats data and habitat maps used to inform Regional Sea Assessments e.g., OSPAR



“EUSeaMap 2021 has filled in the gaps between the patchy array of habitat maps from surveys to allow us to estimate the potential extent of physical damage to the seabed due to human activities in the Northeast Atlantic. Without it the data gaps would be too huge to allow any meaningful assessment.”

L. Matear - OSPAR Intersessional Correspondence Group on the Co-ordination of Biodiversity Assessment and Monitoring

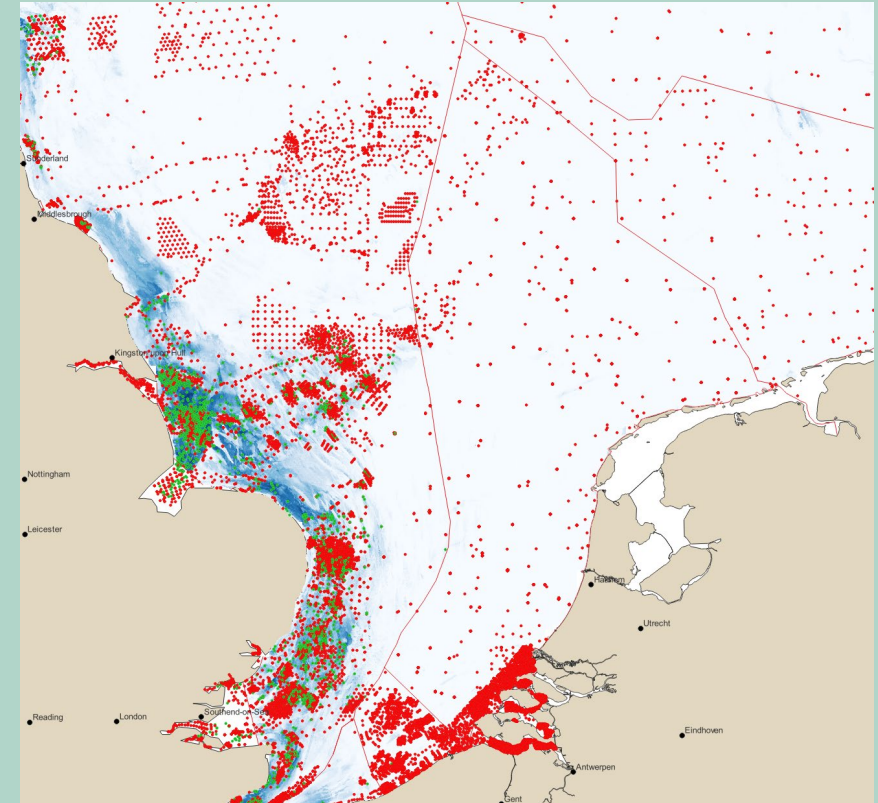
<https://emodnet.ec.europa.eu/en/use-case/ospar-intermediate-assessments-evaluation-ecological-status-marine-environment-ne-atlantic>



BIOLOGY

Distribution of reef-building benthos in the North Sea

The request to Deltares by the Dutch Ministry of Infrastructure and Transport was to chart the actual distribution of four reef-building species (*Sabellaria*, *Modiolus*, *Lanice*, *Ostrea*) in the Dutch EEZ, and to estimate the probability for restoring populations of these species in the same area.



<https://emodnet.ec.europa.eu/en/use-case/distribution-reef-building-benthos-north-sea>

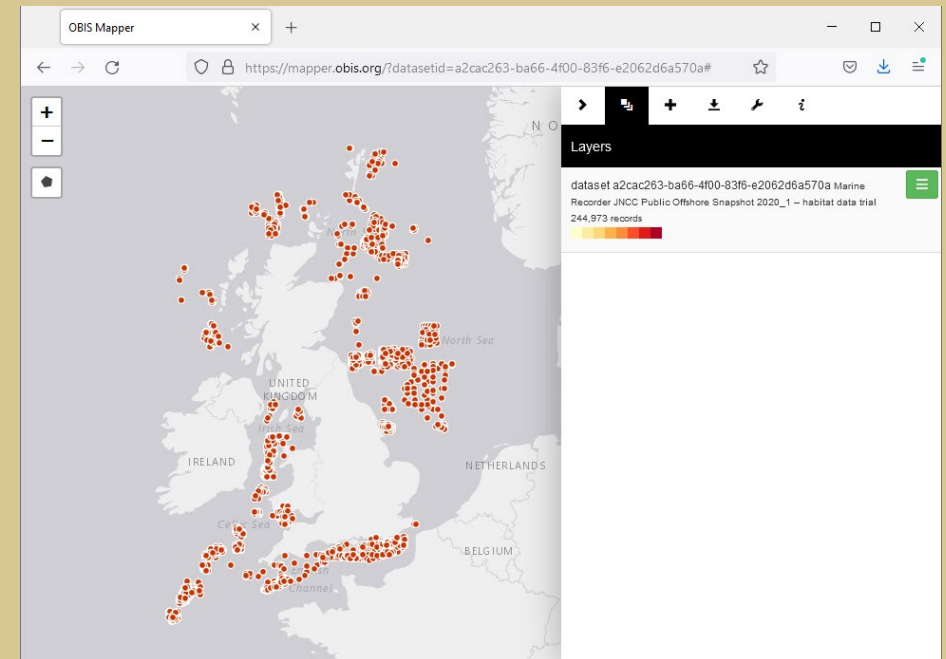
EMODnet | Use case: EMODnet biodiversity data interoperability



SEABED HABITATS & BIOLOGY

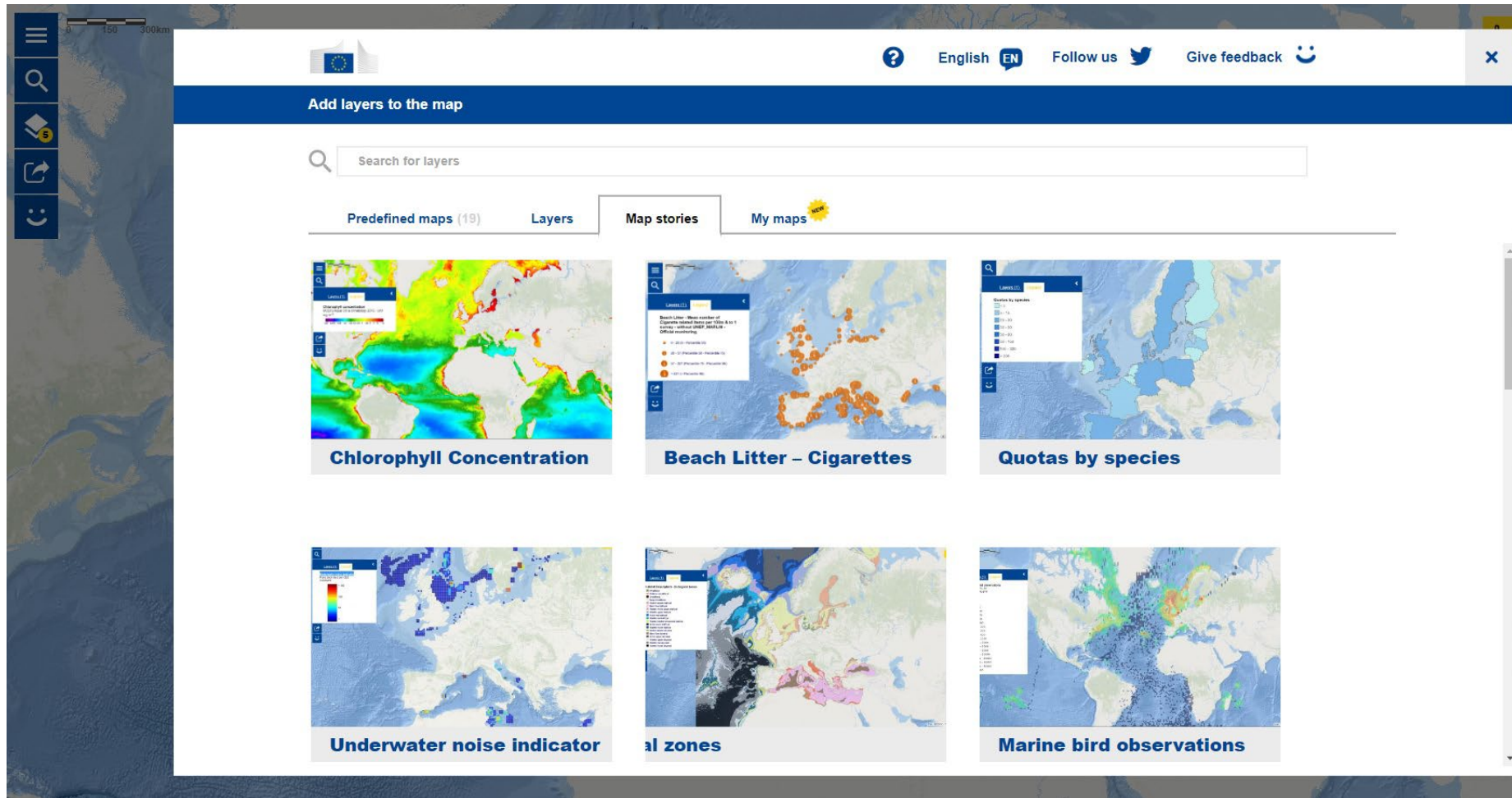
Holistic, standards-based access and interoperability for marine biodiversity data

Collaboration between EMODnet Biology (via EurOBIS) and both EMODnet Seabed Habitats and OBIS (Ocean Biodiversity Information System) has facilitated richer dataset publication and ensured the greatest volume of high-quality species and habitat data are available for reporting, assessments and informed decision making.



<https://emodnet.ec.europa.eu/en/use-case/holistic-standards-based-access-and-interoperability-marine-biodiversity-data>

EMODnet for Society | European Atlas of the Seas



EMODnet and other open source data are also made available for society via the EC Communication Tool European Atlas of the Seas, available in 24 EU languages

https://ec.europa.eu/maritimeaffairs/atlas/maritime_atlas/

Thank you for your attention!

Contact us to learn more about EMODnet data services, data use and data sharing, and to provide feedback on the Central Portal:

Email: secretariat@emodnet.ec.europa.eu

Twitter and LinkedIn: @EMODnet

Feedback form: <https://ec.europa.eu/eusurvey/runner/EMODnetFeedbackForm>

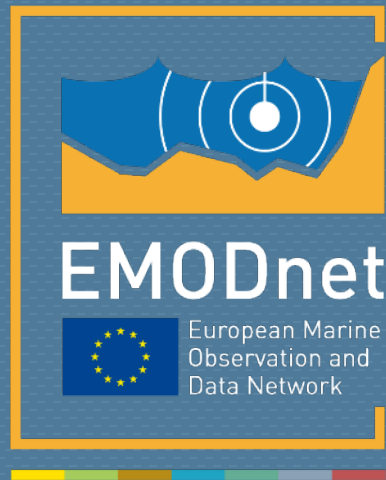
The screenshot shows the footer and navigation menu of the EMODnet website. The footer is dark blue with white text. It includes the EMODnet logo and name, a search bar, and a navigation menu with links: ABOUT, DATA SUBMISSION, GUIDELINES, SUBMISSIONS, DATA WANTED, HELP, OPERATIONAL DATA, PROMOTION, and CENTRAL PORTAL. Below the navigation menu, there is a 'Home' link and a welcome message: 'Welcome to the EMODnet Data Ingestion portal'. A paragraph follows, explaining that EMODnet consists of more than 160 organizations working on assembling, harmonising, and making marine data, products, and metadata more available. A 'READ MORE' button is present. Below this is a banner for 'EMODNET INGESTION' with the text 'CHECK OUT THE MOVIE 3:30 MINUTES' and an illustration of people. The footer contains three columns of links: 'European Commission' (Contact the European Commission, Follow the European Commission on social media, Resources for partners), 'Language policy', 'Cookies', 'Privacy policy', and 'Legal notice'. The 'Contact us' link in the navigation menu is circled in red.

The screenshot shows the homepage of the EMODnet Data Ingestion Portal. The header is light blue with the EMODnet logo and name, a search bar, and a 'CONTACT' link. The navigation menu is dark blue with white text, including links: ABOUT, DATA SUBMISSION, GUIDELINES, SUBMISSIONS, DATA WANTED, HELP, OPERATIONAL DATA, PROMOTION, and CENTRAL PORTAL. Below the navigation menu, there is a 'Home' link and a welcome message: 'Welcome to the EMODnet Data Ingestion portal'. A paragraph follows, explaining that EMODnet consists of more than 160 organizations working on assembling, harmonising, and making marine data, products, and metadata more available. A 'READ MORE' button is present. Below this is a banner for 'EMODNET INGESTION' with the text 'CHECK OUT THE MOVIE 3:30 MINUTES' and an illustration of people.

Submit your marine data to
EMODnet Data Ingestion!

Save-the-date: EMODnet Open Conference, 29-30 November 2023, Brussels

emodnet.ec.europa.eu



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www.emodnet.eu

Your gateway to marine data in Europe

