EMODnet

European Marine Observation and Data Network

YOUR GATEWAY TO IN SITU MARINE DATA, DATA PRODUCTS AND SERVICES IN EUROPE AND BEYOND

DISCOVER THE EMODNET PORTFOLIO, A CATALOGUE OF ALL EMODNET DATA AND DATA PRODUCTS

INSPIRE - Infrastructure for Spatial Information in Europe

VISUALISE

DISCOVER

DOWNLOAD

WEB SERVICES

EMODnet

European Marine Observation and Data Network

OPEN SOURCE MARINE KNOWLEDGE BROKER

EMODNET IMPLEMENTS THE MARINE KNOWLEDGE 2020 STRATEGY TOGETHER WITH THE MARINE SERVICE OF THE COPERNICUS SPACE PROGRAMME AND THE DATA COLLECTION FRAMEWORK (FISHERIES AND ENVIRONMENTAL DATA THROUGH ICES)

ICES CIEM

Copernicus Marine Service

EMODNET SERVES AN INTERNATIONAL, PROFESSIONAL USER COMMUNITY SPANNING RESEARCH, POLICY, BLUE ECONOMY AND CIVIL SOCIETY

HUMAN ACTIVITIES

Aggregate extraction - Algae production - Aquaculture - Cables - Cultural heritage - Dredging - Environment - Fisheries - Maritime Spatial Planning - Miltary Areas - Nuclear Power Plants - Ocean energy facilities - Oil and Gas - Other forms of area management/designation - Pipelines - Ports - Waste disposal - Shipping density - Wind farms
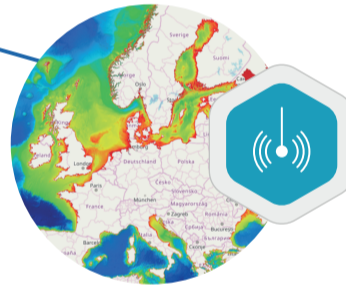
GEOLOGY

Seabed substrate-Seabed accumulation rates-Seafloor lithology, stratigraphy and fault maps - Coastal behaviour - Geological events distributions - Mineral occurrences - Submerged landscapes - Quaternary geology - Geomorphology - Boreholes locations - Seismic tracks
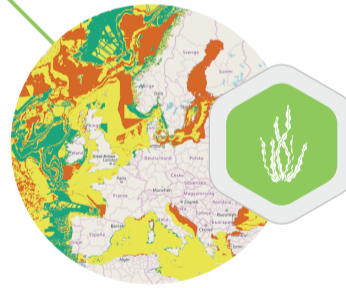
BIOLOGY

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

BATHYMETRY

Digital Terrain Model - Survey tracks and bathymetric survey data - Source references - Depth contours
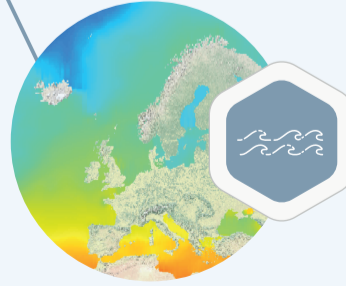
SEABED HABITATS

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

CHEMISTRY

Acidity - Antifoulants - Chlorophyll - Dissolved gases - Fertilizers - Heavy metals - Hydrocarbons - Marine litter (micro, beach, seafloor) - Organic matter - Pesticides and biocides - Polychlorinated biphenyls - Radionuclides - Silicates

PHYSICS

Wave height and duration - Sea temperature - Wind speed and direction - Salinity - Horizontal speed of the water column - Water clarity - Changes in sea level - Inflow from rivers - Water conductivity / biochemical parameters - Atmospheric parameters - Underwater noise

emodnet.ec.europa.eu

@EMODnet

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