EMODnet for the Blue Economy

EMODnet Secretariat presents at Oceanology International

The EMODnet Secretariat presented the latest portfolio of EMODnet data and data products, with a focus on the Blue Economy, at the latest Oceanology International Conference which took place remotely from 1 to 4 December 2020. Oceanology International is the world's leading ocean technology marine science exhibition and conference. The presentation highlighted the added value of EMODnet for the Blue Economy, including the diverse data and data products from the surface to the seafloor, offered by the EMOD-network of thematic experts, and the easy and free access made possible by EMODnet's data and web services which continue to move towards further centralisation.

Discover the session recording from Oceanology International here.

EMODnet Data Ingestion presents at the Sustainable Ocean Summit

EMODnet Data Ingestion presented the achievements and main features of the marine data ingestion facility offered by EMODnet at the latest Sustainable Ocean Summit

(OCEAN VISION 2030: The Decade for Ocean Action) hosted by the World Ocean Council (WOC), 8-11 December 2020.

EMODnet Data Ingestion had the opportunity to showcase some of the successes and remaining barriers to unlock data held by industry during the session of "U.N. Decade of Ocean Science: Data Collection and sharing by industry". They highlighted the win-win benefits of data sharing to industry, and examples of existing dialogues e.g. through the EMODnet Associated Partnership Scheme. Moreover, an increasing amount of industry partners are finding their way to EMODnet and have a clear interest in EMODnet data products (derived from data, such as Bathymetry DTM, NMR physical data, geological maps, etc.), data collaboration could only lead to more mutual benefits for both parties.

EMODnet Physics hosts Arctic Data Portal Webinar with CMEMS and EuroGOOS

On the 27 November, EMODnet Physics co-hosted an Arctic Data Portal Webinar officially launching the new Arctic Data Portal to stakeholders. The Portal aims to improve the availability, quality, timeliness, and accessibility of essential marine in situ data from the Arctic region. The portal is a joint initiative of EMODnet Physics-Ingestion, CMEMS INSTAC, Copernicus In Situ Coordination Group and EuroGOOS.

The project started with two events: a kick-off meeting (20 November) bringing together representatives from Copernicus, EMODnet, European Polar Board, the Southern Ocean Observing System, the Arctic Data Committee, and EuroGOOS, and a dedicated webinar (27 November) attracting over 111 attendees in 24 countries (including European countries, India, China, Russian Federation, US and Canada) to discuss the role of the Portal for unlocking new data that will improve the marine services in the Arctic.

Explore the Portal

Watch the Webinar
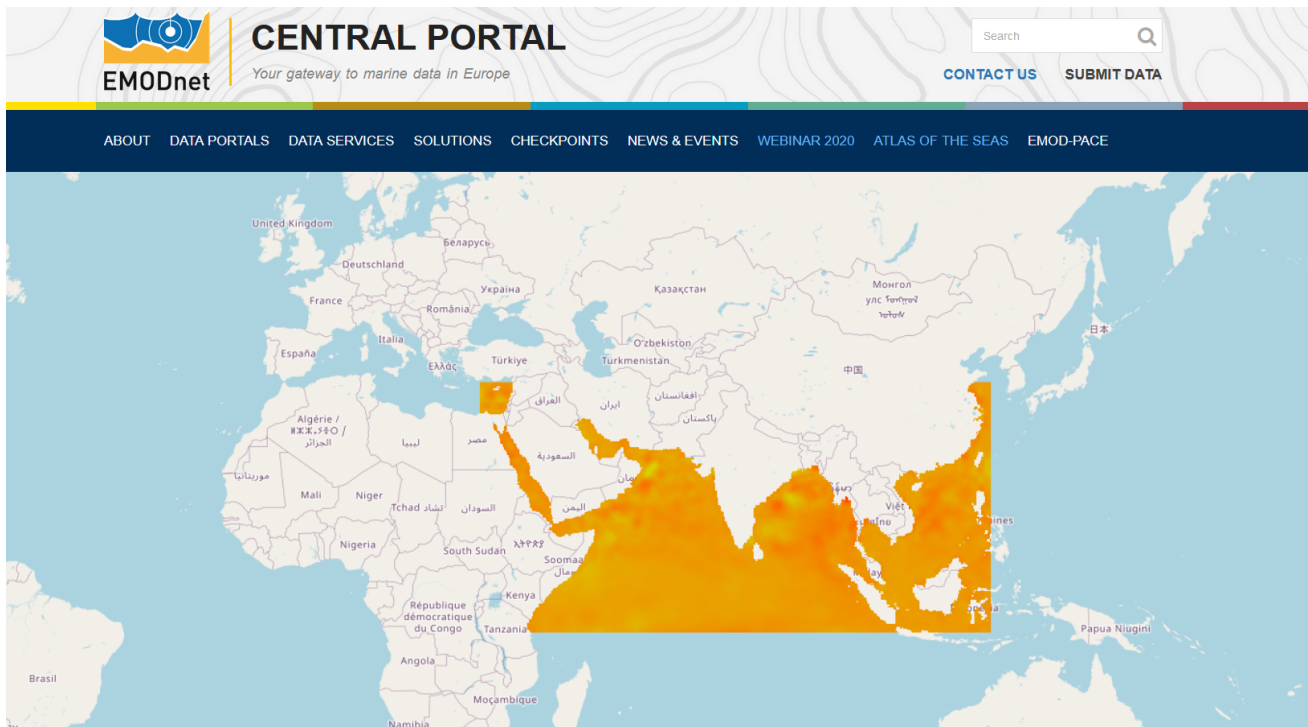
Noteworthy additions of EMODnet data sets and products

EMODnet Biology released a number of highly valuable dataset and products via its data portal: data from 38 datasets were ingested, 34 of those are new datasets and 4 are updates, amounting to a total of 709.934 records. An example of these data sets includes 4,000 occurrence records from the Irish Sea. The total number of records currently available via EMODnet Biology is now just over 25 million. Data can be retrieved via either the EMODnet Biology catalogue, the download toolbox, webservices or IPT.

EMODnet PArtnership for China and Europe

Turning words into actions in EMOD-PACE: Europe and China deepen collaboration in maritime diplomacy for technical deliverables

Since the kick-off in February 2020, the EU and China have been stepping up their partnership in EMODnet Partnership for China and Europe (EMOD-PACE) and China-EU Marine Data Network Partnership (CEMDNET), translating the initial dialogue on the EU-China Blue Partnership for the Oceans into concrete actions and tangible results.

Whilst coping with a global pandemic, partners from EMODnet and the Chinese National Marine Data and Information Service (NDMIS) have steadily worked together to gain detailed insights into making data interoperable, and usable by the maritime sector. Concerted joint efforts have been made to maximize interoperability of marine data towards a brokerage service providing common discovery and access to data from EU, China and the wider region along the maritime silk road. Early results include a bilingual EMOD-PACE CEMDnet project web-portal launched at EMODnet and a CMOC/China website launched at National Marine Data and Information Service of China (NMDIS). Both websites provide information about the joint projects and will showcase the project's endeavours and resulting products, services and findings as they become available covering among others scientific problems such as ocean circulation models and reanalysis products, seabed habitat and ecosystem vulnerability models and data/information products on coastal adaptation. Access to the project geospatial data and product layers from EMODnet and NMDIS OGC based web services will be made via a project map-viewer.

The first map layer that presents the trends of sea-level changes are being tested and can be viewed here.

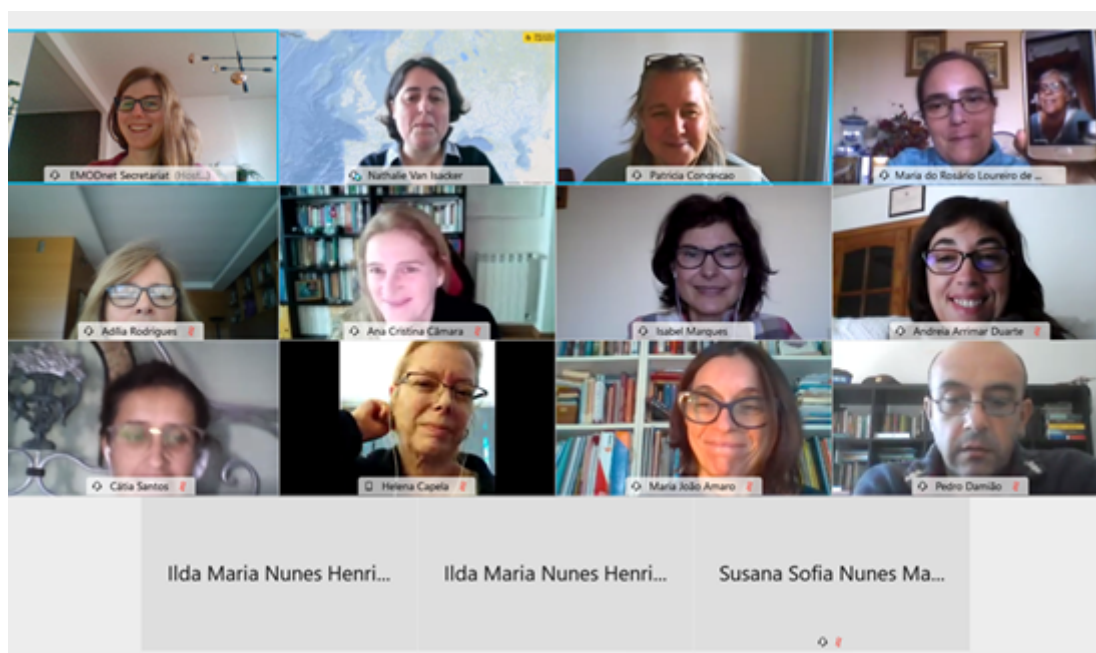More information coming your way as from early 2021- stay tuned!

China Dialogue Ocean platform features EMODnet

EMOD-PACE project was recently featured on the China Dialogue Ocean platform. The platform has a particular interest for the wider EU-China collaboration and featured EMOD-PACE as one of the first initiatives dedicated to gain global access to China's marine data via the establishment of strong working relationships between EMODnet and counterpart NMDIS. Next to the EMOD-PACE project, the article highlighted other continuous efforts such as the publishing of various datasets online in a shareable format and the creation of new data products that marine companies and others can use in their work.

Read the full article

EMODnet Newsflashes

The European Atlas of the Seas: successful start of a series of workshops with Escola Azul

The EMODnet Secretariat and Escola Azul - an educational programme of the Portuguese Ministry of the Sea - organized a workshop on 21 November 2020 to present the European Atlas of the Seas to a group of 13 teachers in Portugal. This was the first workshop in a series of four. The teachers were very interested in the diversity of information available in the Atlas and the interactivity of the online tool. During the upcoming workshops, they will be developing new exercises that will be published in the Atlas' Teachers Corner. In addition, the teachers will provide the EMODnet

Secretariat with feedback on their use of the Atlas and suggestions as to how it can be used in classrooms and how it can be promoted amongst teachers across Portugal. Conclusions will be available after the next workshop in February 2021.

EMODnet at 4th International Marine Science Communication Conference:

At CommOCEAN 2020, the EMODnet Secretariat presented the communication tools and activities developed this year to celebrate 10 years of EMODnet, the achievements of the network and the people who made it possible.

Curious to know more and have a look back? All talks will be published along with the proceedings on the CommOcean website in the new year.

Final report: "Marine Data to Support Aquaculture in the North Atlantic"

The final report from the workshop "Marine Data to Support Aquaculture in the North Atlantic" is now available. The workshop which took place on 20-21 October 2020 was jointly organised by the European Commission's general directorates for Maritime

Affairs and Fisheries (DG MARE), Defence, Industry and Space (DG DEFIS), EMODnet, CMEMS and EATiP.

More than 60 participants attended the event, with a background equally deriving from the aquaculture industry and the policy/coastal managers sector (37% each), with another 24% of attendees working on aquaculture research and 2% of participants from other areas, including data providers and consultancy agencies. The workshop was the first co-designed event to explore how Open Data can be used to support sectors of the Blue Economy. More workshops will follow.

Read the Final Report

Interview with Hans Dahlin: EMODnet "a dream that came true."

"Observations are the basic truth in anything you do to create knowledge." Hans Dahlin, former EuroGOOS Director, has spent 50 years observing the ocean. In this short film he explains how marine data sharing has changed dramatically over the years and why, for him, EMODnet "was a dream that came true."

This interview was recorded in the context of the celebrations of the 10 years of EMODnet.

Watch the full interview

Merry Christmas and Happy New Year
from the entire EMODnet community

Paul Klee - Ruehende Schiffe (1927)

We hope you enjoy this last EMODnet News Digest of the year 2020. EMODnet wishes you all peaceful and relaxing days. Enjoy the break and recharge your batteries. Let's keep the spirit up and look forward to a year full of open data in 2021!

Prepared and published by the EMODnet Secretariat