

Ocean observations, marine data and services for the European Green Deal

4 May 2022

What's the value of a coordinated, sustained, and fit-for-purpose ocean observing and information system? How can ocean observation services serve policy, industry, and the wider society? A workshop on 19 May at the European Maritime Day in Ravenna, led by EuroSea, EMODnet, and Blue-Cloud initiatives, will discuss how to align European ocean observing and services with European Green deal priorities.

The European Green Deal and its key objectives require actions, investments, stakeholder input and also public/private support. The new approach for a sustainable blue economy presented by the Commission in May 2021 highlighted the opportunities offered to marine stakeholders in the green recovery context. **Ocean observation services are part of this vision, and will be at the core of a workshop organised on May 19th at 15:45 CEST within the framework of the [European Maritime Day 2022](#) (19-20 May 2022).**

The workshop is an opportunity to discuss the value of a coordinated, sustained, and fit-for-purpose ocean observing and information systems serving policy, industry, and wider society. Experts and audience will explore how this might be achieved through, among others, European framework and national commitments, efficient science-policy interface, as well as public-private partnerships.

The workshop will bring together invited experts and attendees to look ahead at the opportunities, gaps, and priorities to reach the European Green Deal objectives via ocean observation policies and practices. The workshop is co-organised by [Blue-Cloud](#), the flagship initiative of the H2020 Future of the Seas and Oceans programme of the European Commission which is building a pilot open science platform for accessing marine data and services; the H2020 [EuroSea](#) innovation action, working to improve and integrate the European ocean observing and forecasting system, and the European Marine Observation and Data Network [EMODnet](#). Invited speakers are representatives of the European Commission, the European Global Ocean Observing System (EuroGOOS), the EU Copernicus programme, EMODnet, the world's leading provider of geo-intelligence FUGRO, **and** the UN Food and Agriculture Organization (FAO). The EuroSea project will promote the priorities released in a [joint policy brief](#) with Blue-Cloud and other EU projects [NAUTILOS](#), [EuroFleets+](#), [iAtlantic](#), [ODYSSEA](#), and [AtlantECO](#).

Information and registration: <https://european-maritime-day-2022.b2match.io/>

About Blue-Cloud

Blue-Cloud is the flagship initiative of the H2020 Future of the seas and oceans programme of the European Commission. Blue-Cloud is federating leading European horizontal e-infrastructures (e.g. EUDAT & D4Science, Copernicus DIAS, WeKeo), with long-term marine data management infrastructures to create a trusted virtual space - the Blue-Cloud Technical Framework - where scientists can access the ocean data, tools, services and research outputs they need to perform research in a more efficient way. In this way Blue-Cloud goes one step



higher by seeking to combine output from all these facilities and make them available for multi-disciplinary web-based science.

<https://blue-cloud.org>

About EuroSea

EuroSea works to improve the European ocean observing and forecasting system in a global context. Why is this necessary? Well, oceans are an essential part of the Earth's system. However, we still have fundamental gaps in our ocean observing and forecasting capabilities. These gaps limit our capacity to sustainably manage our activities and sustain ocean resources. Ocean observing is big science and simply can't be implemented by individual nations. We urgently need to ensure high-level integration for coordinated ocean observing that can be sustained in the long term. That's why EuroSea works towards two goals. First, to deliver ocean observations and forecasts to advance scientific knowledge about ocean climate, marine ecosystems and their vulnerability to human impacts. Second, to demonstrate how the ocean is an essential part of an economically viable and healthy society not only today but also in the decades to come. EuroSea is a European Union Innovation Action bringing together 55 public and private organisations around Europe delivering ocean observing services and collecting data.

<https://eurosea.eu/>

About EMODnet

The European Marine Observation and Data network (EMODnet) connects a network of over 150 organisations supported by the EU's Integrated Maritime Policy who work together to observe the sea, process the data according to international standards and make that information freely available as interoperable data layers and data products.

<https://emodnet.ec.europa.eu/en>

