∽eosc Blue-Cloud2026



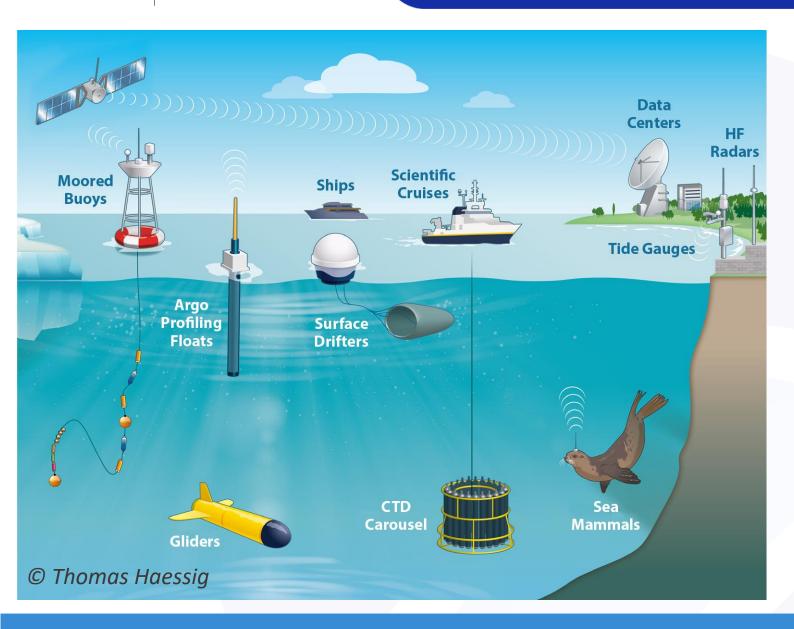
Blue-Cloud Virtual Labs for demonstrating cross-domain web-based open science

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Flanders Marine Institute







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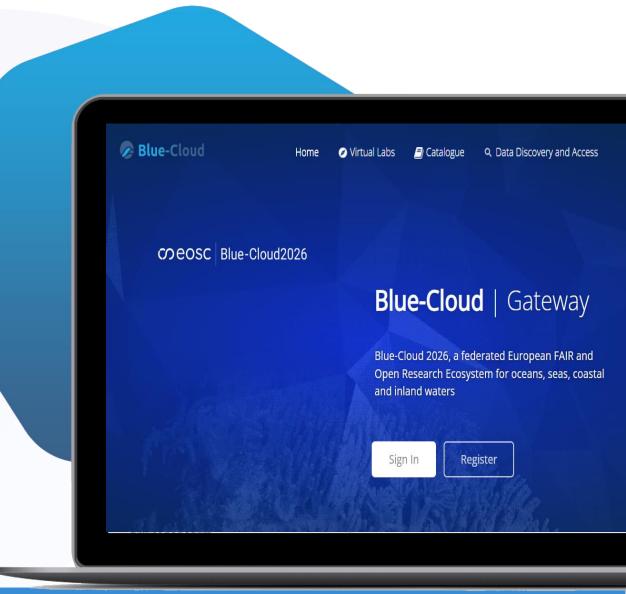




Your Open Science platform for collaborative marine research

- Discovery and access to multidisciplinary data sources
- Easier integration of data sources
- Heavy computation analyses
- Integration of algorithms and methods
- Access to re-usable methodologies
- Collaborative environment

Federated European Ecosystem to deliver FAIR & Open data, analytical services, instrumental for deepening research of oceans, EU seas, coastal & inland waters.



Blue-Cloud services

Explore the Data Discovery and Access Service and get access to about 10 million datasets from leading European marine data infrastructures.

Exploit data and derived data products in the Virtual Labs, where you can execute methods and perform collaborative research tasks.

Browse the Catalogue featuring datasets and products resulting from the Blue-Cloud Virtual Laboratories and learn about methods used to generate them.

Browse the Data Discovery Access Service

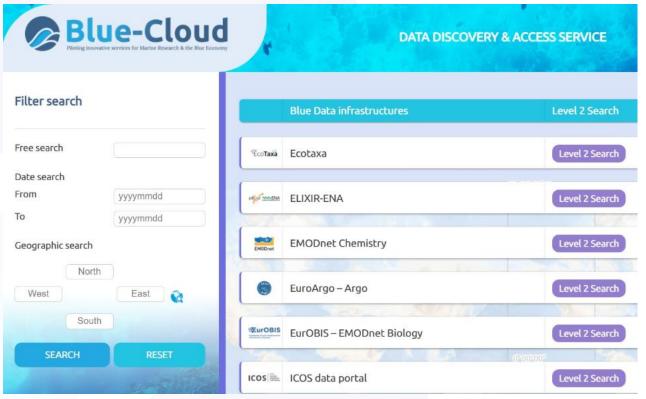
Login to the Blue-Cloud VLab

Access the Catalogue

Blue Cloud Data Discovery & Access service



Federating key European data management infrastructures, to facilitate users in finding and retrieving multi-disciplinary datasets from multiple repositories

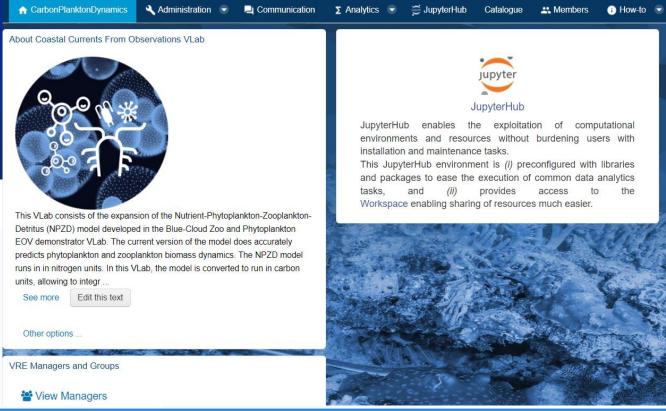




Blue Cloud Virtual Research Environment



Infrastructure to provide a range of services and to facilitate orchestration of computing and analytical services for constructing, hosting and operating Virtual Labs for specific applications



Blue Data Catalogue

Order by: Relevance



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Blue-Cloud Catalogue statistics

56 11 5 items virtual labs groups types

Browse by Virtual Labs

Blue-Cloud Project

Blue-Cloud (35)



Marine Environmental Indicators (7)



Blue-Cloud Lab

Blue-Cloud Lab (3)



See All Virtual Labs

Browse by Types



Service (16)



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The zoo-phytoplankton Essential Ocean Variables (EOV) demonstrator provides a methodology to generate: zooplankton products based on in situ observations of abundance of... read more

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Zooplankton EOVs

The zooplankton EOV service provides its users with a methodology to generate zooplankton products based on in situ observations of abundance of six zooplankton species in a...

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Phytoplankton EOVs

The phytoplankton Essential Ocean Variables (EOV) service aims to provide a methodology to generate global open ocean three-dimensional (3D) gridded products of (1) chlorophyll...

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Modelling phyto & zoo -plankton interactions

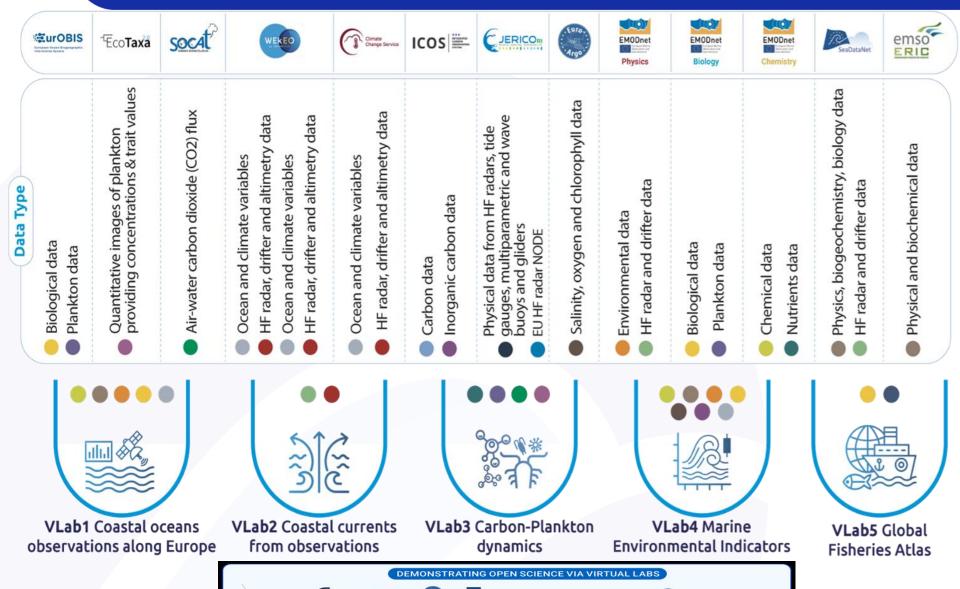
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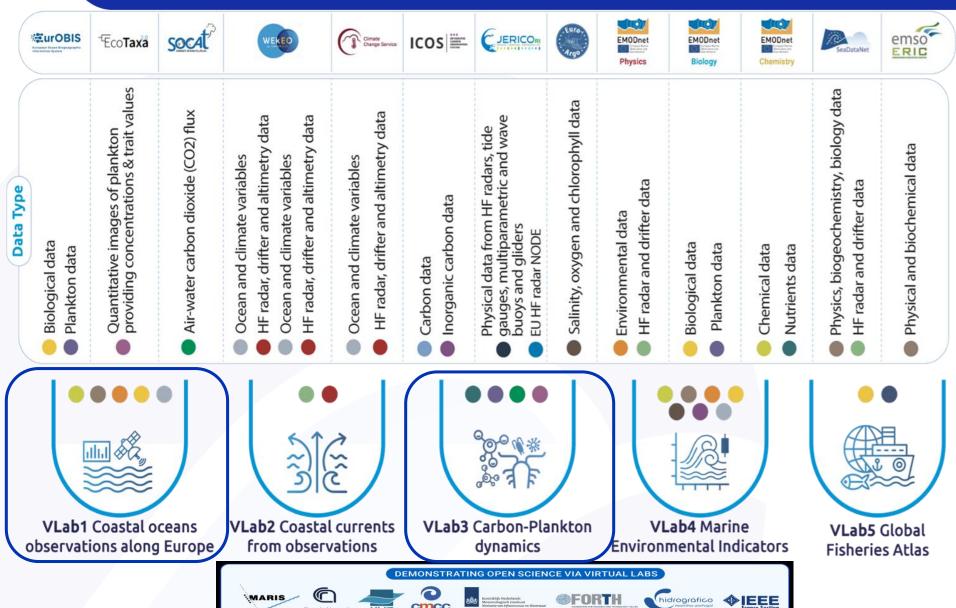
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