







Using Copernicus Marine Service spatial data 7 June 2024, 9-17 CEST

Speakers: Valentina Giunta (MOi), Simone Libralato (OGS), Igor Celic (OGS), Stefano Piani (OGS), Gianpiero Cossarini (OGS)

Objective of the workshop: getting started with geospatial LTL data from the Copernicus Marine Service (CMS) and use it in EwE modelling

https://github.com/inogs/CMEMS4EwE









Morning session 9.00-12.45

Welcome and Registration to Marine Copernicus Service (9.00-9.20) G. Cossarini

Introduction to Copernicus Marine Service (9.20-9.50) V. Giunta

Tools (Conda, Jupyter and Python) for download and manipulate datasets (9.50-10.30) S. Piani

Select, visualize and download datasets through the MyOcean online Copernicus tool (10.30-11.00) G. Cossarini

Coffee break (15')

Jupyter Notebook on downloading datasets using Copernicus MarineDataStore (11.15-12.00) S.Piani

Jupyter Notebook on manipulate and visualize variables and datasets (12.00-12.45) S.Piani and G. Cossarini

Lunch break 12.45- 14.00

Afternoon Session 14.00-17.00

Embedding CMS products into EwE: intro (14.00-14.10) S. Libralato

Transform netcdf data into vector data and processing of data (14.10-14.40) I. Celic

Visualization of geospatial data in R (14.40-15.10) I. Celic

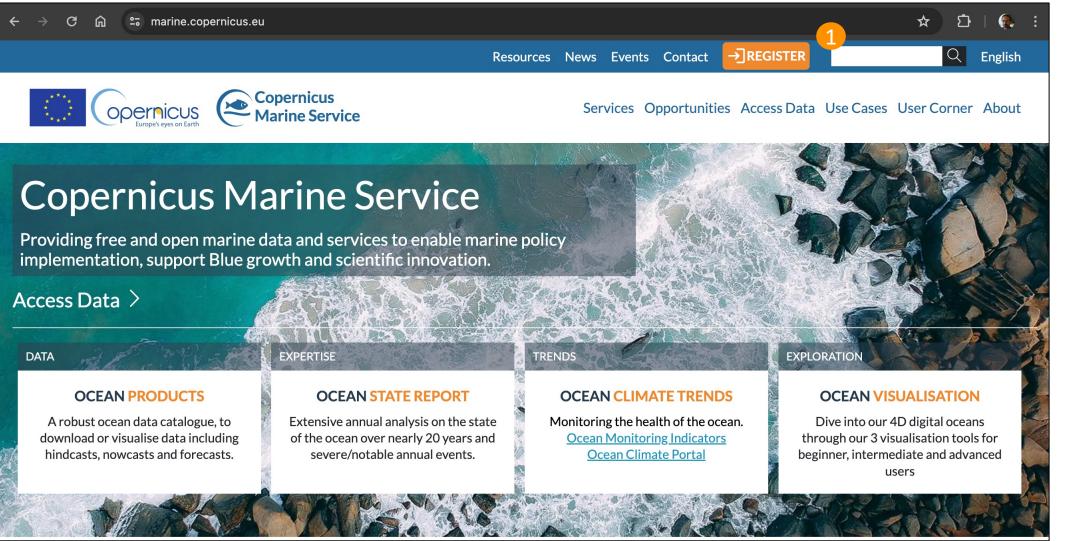
Coffee break (20')

From CMS inputs for Ecopath and Ecosim: use of a case study in the Med (15.30-16.00) I. Celic

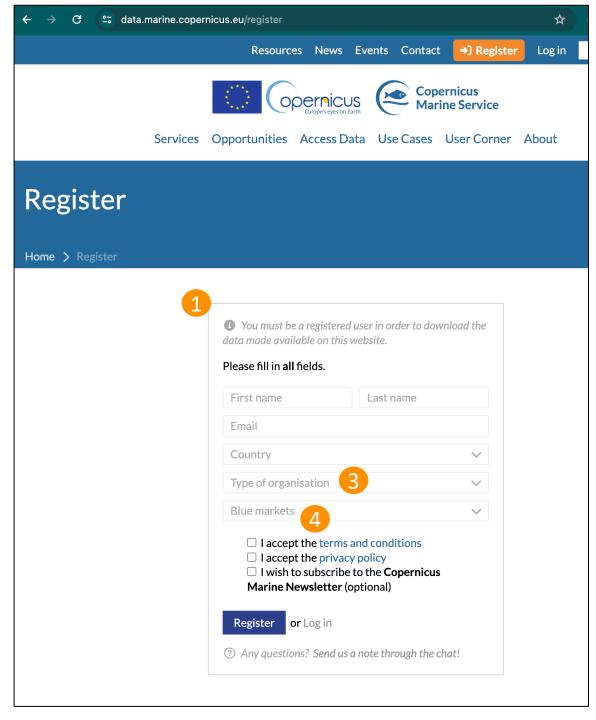
Processing data to be used in Ecospace: use of a case study in the Med (16.00-16.30) I. Celic

Wrap up of the workshop (16.30-17.00) S.Libralato and V. Giunta

Getting started with Marine Copernicus Service: single point of access (marine.copernicus.eu) and registration



(1) You must be a registered user in order to download the data made available on this website.



(2) Few requested details on personal information

(3) type of organization:

Select your type of organisation:

Business and Private Company

Public sector/Governmental
(except University)

University/Academic/Research

Foundation Association
(non-profit organisation)

Others
(no organisation)

(4) blue markets:

Polar Environment Monitoring

Climate & Adaptation

Ocean Health

Marine Conservation & Biodiversity

Science & Innovation

Policies & Ocean Governance & Mitigation

Education & Public Health & Recreation

Extremes & Hazards & Safety

Marine Food

Coastal Services

Trade & Marine Navigation

Natural Resources & Energy









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Register

Home > Register

☐ Check your inbox

You'll find a link to set your password.

You can leave this window open. After you complete the process, you'll be automatically logged in.



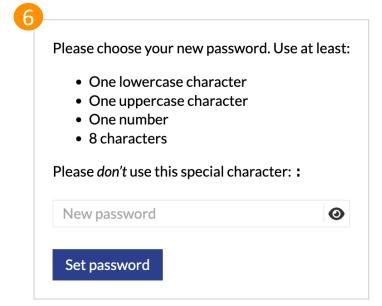


(5) You will receive an email with an username and a link to set your password



Set password

Home > Set password



(6) after clicking the link in the email your received you can set your password







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Set password

Home > Set password

You're now logged in

The new password has been set correctly and you're now logged in.

You can go back to your original tab and continue where you left off.



your username appears here (7)



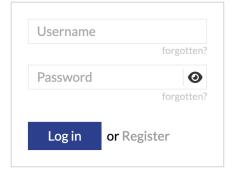




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before starting a new session on the Copernicus Marine Service webpage for downloading datasets, you can log in from (8)