Marine Environment Monitoring Service

Access to Data and Information

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Search and Browse

- 140 products
- Key physical and biogeochemical ocean parameters (currents, temperature, chlorophyll…)
- Global ocean and 6 European regional seas
- Analysis, forecast and long time series
- Models and observations (Satellite or in situ)

Discover and Visualise

- Visualise, analyse, interpret and share the data you need
- Access to quality information per product

Register

- To download data
- To benefit from customised services and from a manned-expert helpdesk
- To share your requirements with us

Download

- Select and download the data sets you need
- One-off download or by scripts

Compute

- Use data as you wish for calculation, estimation, rating, producing indicators…
- Integrate data into other models
- Merge data with your own ones

Join Up

- Exchange and share on CMEMS forum
- Get trained
- Get inspired
- Meet future partners

Implemented by:

MERCATOR OCEAN
OCEAN FORECASTERS

Space

Copernicus
Europe's eyes on Earth

What data?

- **What is CMEMS?**
  Copernicus Marine and Environment Monitoring Service (CMEMS) is the Copernicus Core Service for marine data.
- **Who is responsible for CMEMS?**
  CMEMS is led by Mercator Océan, the French centre for analysis and forecasting of the global ocean.
- **What type of data is available?**
  Near real time products, multi year products, in-situ observa-tions and forecasts are available through the CMEMS catalogue. Using information from both satellite and in situ observations, it provides state-of-the-art analyses and forecasts daily, which offer an unprecedented capability to observe, understand and anticipate marine environment events.
- **What geographical coverage?**
  Data are provided worldwide (over ocean) and over 6 European regional seas.

What for?

- **What are the areas of benefits?**
  CMEMS supports a large range of applications in a variety of domain such as:
  - Maritime Safety
  - Coastal and Marine Environment
  - Marine Resources
  - Weather, Seasonal Forecasting and Climate activities

Where?

- **Where to access CMEMS data?**
  All data are available through the marine.copernicus.eu portal.
- **Do I need to register before downloading the products?**
  Registration is required to download, but search and viewing are not.
- **Who can access the data?**
  The data is open and free for everybody.
- **Which type of user support?**
  An expert, manned, user support answers all the questions within 48 hours (working days).
  Questions can be posted on the dedicated user forum: forum.marine.copernicus.eu/.

How?

- **How to download CMEMS products?**
  CMEMS is offering several common authenticated download mechanism (HTTP or FTP protocols). You can quickly visualize a product using the on-line viewer, but need to register to be able to download.
  With your login/password delivered when you first registered, you can access all products from the online catalogue. Downloads can be automated with all the available systems, either with a Python script, or with classical FTP command lines.
- **Is download limited in terms of volume?**
  Volume limitations for a single request have been set up on sub-set and direct download mechanisms (1 gigabyte) for the sake of performance. FTP download is not subject to this limitation, however it can take significant download time.
- **Where can I get more technical information?**
  A complete FAQ section is available on the website marine.copernicus.eu/services-portfolio/technical-faq/.

Other information

- Free and full open data policy.
- How can I be trained to use CMEMS products.
  Training is organized several times a year: marine.copernicus.eu/training/next-sessions/.

Online videos from those trainings are available on CMEMS web site anytime.

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