Science and solutions for a clean, healthy, and resilient ocean

Q&A

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1. Where can I access the tool to simulate FML trajectories using Copernicus?

   Here is the link to the FML-Track use case that was shared during the presentation: FML-TRACK: Floating Marine Litter Tracking in Coastal Areas | CMEMS (copernicus.eu)

2. Is the showed data, like Sentinel 3 and 6, available from platforms like Google Earth Engine?

   There is a Sentinel-3 Level 1 top of atmosphere OLCI collection in GEE, but none of the ocean products from Sentinel-3 or Sentinel-6 are present. These are not managed by the data providers and are transformed in various ways that may mean they are inconsistent with what we provide and inappropriate for certain applications. We would advise to use with caution. Sentinel-3 and 6 are both fully available with updated reprocessed archives in WEkEO and from the EUMETSAT data store.

3. How can I access to the plastic tracker form EDITO?

   The plastic tracker from EDITO is not publicly available for now. In the meantime, you can learn more about EDITO through this link: European Digital Twin Ocean - EDITO. More information to come in the coming months!

4. I would like to know when talking about plastic (Copernicus service, EDITO tracker), what is the minimum size of plastic particles?

   The model used to build the simulations in the plastic app doesn't take any physical characteristics into account. The virtual particles of plastic are defined by the positions during the 3-years simulation and the quantities of plastic (from coast and from the rivers) they represent.

5. Is gitlab.eumetsat.int/eumetlab keep being available after the webinar?

   Yes, it's a permanent service, which we are constantly updating based on new ideas and user feedback

6. Do you have additional resources/Jupyter notebooks related to the challenges?

   All the notebooks related to the challenges are detailed in the index of the repository Ben mentioned https://gitlab.eumetsat.int/eumetlab/oceans/ocean-training/applications/ocean-case-studies/-/blob/main/Index.ipynb

   We add more every month!

7. How can I access the Jupyter notebooks?

They are accessible via the gitlab repository: https://gitlab.eumetsat.int/eumetlab/oceans/ocean-training/applications/ocean-case-studies/. The readme provides information on all your options to run them.