



EUROSEA Task 3.4 Eulerian Observatories workshop

Virtual meeting in March 8th-9th 2021
Version March 1st, 2021

Objectives: establish a common Best Practices for Eulerian observatories (OceanSites and EMSO consortium) and update of the OceanOPS metadata catalog for Eulerian observatories.

EUROSEA T3.4 deliverables

D3.11 Upgrade Best Practices for fixed observatories in terms of data processing (WS1 and WS2), PM36. **D3.12:** Metadata catalogue for fixed observatories including updated EMSO observatories information and OceanSites observatories through JCOMMOPS, PM36.

Partners: Laurent Coppola (SU), Ivan Rodero (EMSO ERIC Data Service), Mathieu Belbeoch (WMO OceanOPS)

Additional partners: Johannes Karstensen (OceanSites chair, WP3 leader), Long Jiang (Technical Coordinator, OceanSITES / DBCP), Magali Krieger (OceanOPS), Juanjo Danobeitia (EMSO DG), Sylvie Pouliquen (Head of Coriolis, T3.10 leader), Nicole Köstner (EuroSea Project Manager), George Petihakis (WP3 leader), Jay Pearlman (OBPS)

March 8th 3-6PM CET

3:00 - 4:20 PM General presentations (1h20)

- 3:00 - 3:15 OceanSites Eulerian observational OCG network (Johannes Karstensen) - 15 min
- 3:15 - 3:30 DBCP mooring OCG network (Long Jiang) - 15 min

- 3:30 - 3:45 EMSO ERIC consortium (Juanjo Dañobeitia) - 15 min
- 3:45 - 4:00 Ocean Best Practices System (OBPS) overview and recommendations for creating Best Practices documents (Jay Pearlman) - 15 min

Discussion/questions (20 min)

4:30 - 6:00 PM Discussions & actions (1h30)

- 4:30 - 4:50 Best Practices related documents for Eulerian Observatories (Laurent Coppola) - 20 min
 - *Past and present manuals, standard operating procedures (SOP), BP concerning Eulerian observatories (OBPS holding, maintenance)*
 - *Endorsement through EUROGOOS*
 - *Global (Best Practices) activities: SCOR 154 (Plankton), IAPSO (T-S sensors), IMOS (many sensors)*
- 4:50 - 5:00 Data processing for Oceansites: status and plans (Matthias Lankhorst) - 10 min
- 5:00 - 5:20 Service data group in EMSO (Ivan Rodero) + Task group for T-S data (Mathilde Cannat) - 20 min

Discussion/questions (40 min)

March 9th 3-6 PM CET

- 3:00 - 3:10 Overview of Metadata standards in DBCP and OceanSITES (SeaVOX, Seadatanet, IMOS,...) (Matthias Lankhorst) - 10 min
- 3:10 - 3:35 GOOS / WMO OceanOPS Metadata base presentation: next steps for OceanOPS to capture key elements for the Eulerian Observatories (Mathieu Belbeoch & Magali Krieger) - 25 min
- 3:35 - 3:50 Link to EUROSEA T3.10: Integration of data to CMEMS and EMODNET (Sylvie Pouliquen, Thierry Carval, Stéphane Tarot) - 15 min

Discussion/questions (2h00) :

- Defining the metadata that shall be hosted and served by OceanOPS
- Criterion that make an EMSO site an OceanSITES emerging
- What are the Performance Indicators that shall be served with the metadata ?
and how (maps, numbers, API access) ?
- What are the products expected from OceanOPS for the all European Eulerian
groups ?