Ocean Practices
OBPS Workshop VI
05 -19 October 2022

TIME SERIES OBSERVATIONS

FAIR data solutions that span marine ecosystem observing networks

Session day/time: Tue. October 11 from 09.00-11.00 EDT

Detailed Description:

One of the aims of the Marine Ecological Time Series Research Coordination Network (METS-RCN) is to work towards standardized semantic approaches and adoption of controlled vocabularies for physical, biogeochemical, and biological parameters that are part of shipboard ocean time series data sets. Many global observing networks are currently trying to do this for biological parameters. Since we are looking at many of the same parameters, we should be coordinating and working towards a common solution.

Building on the model of a 2012 international workshop focused on methodological best practices for ship-based time series, the METS-RCN will convene a follow-on international time series workshop in 2023-2024 focused on consensus building around data and metadata best practices for ship-based time series. The OBPS workshop represents an opportunity to connect with other biology and biodiversity observing networks to share strategies for consensus building within their networks and identify common solutions (semantic approaches, use of existing and development of new terms in controlled vocabularies) in preparation for this activity next year.

Format: 2-hour panel discussion to discuss goals and guiding principles (and any progress) on data and metadata guidelines for ocean biology and biodiversity variables, invite representatives from bio observing networks:

- METS-RCN Steering Committee members
- MBON
- ESIP Bio cluster
- ESIP Marine cluster
- GOOS BioEco
- OBON
- OBIS
- Marine Life 2030

Discussion topics:

- Network's key bio-eco variables
- Existing data infrastructure (semantic approaches, controlled vocabularies) under consideration
- User engagement - who are your target users? Are there data formats and vocabularies that best serve your target users?
- How will you build consensus in your network on data best practices?