

# IODE/OBIS-EVENT-DATA workshop on animal tagging and tracking (ATT)

23-26 April 2018

IOC Project Office for IODE, Oostende, Belgium

## Background

OBIS is seeking early adopters of the new data standard *OBIS-ENV-DATA* from among the marine biodiversity monitoring communities, to further validate the data standard, and develop data products and scientific applications to support the enhancement of Biological and Ecosystem Essential Ocean Variables (EOVs) in the framework of the Global Ocean Observing System (GOOS) and the Marine Biodiversity Observation Network of the Group on Earth Observations (GEO BON MBON).

After the successful 2-year IODE pilot project *OBIS-ENV-DATA*, the IOC established a new 2-year IODE pilot project *OBIS-Event-Data for Scientific Applications* (2017-2019). The [OBIS-ENV-DATA](#) data standard, building on DarwinCore, provides a solution for combined biological and environmental data, and incorporates details about sampling methods and effort, including event hierarchy. It also implements standardization of parameters involved in biological, environmental, and sampling details using an international standard controlled vocabulary.

The *OBIS-Event-Data for Scientific Applications* project will organize 2 workshops in 2018, one on animal tagging and tracking and another one on benthic invertebrates, and will report the outcomes at the next IODE meeting in March 2019.

## Expected Outcome of the workshop

Through this workshop, we will work with some of the major animal tagging and tracking networks such as the Ocean Tracking Network (OTN), the Animal Telemetry Network (ATN), the European Tracking Network (ETN) and the Acoustic Tracking Array Platform (ATAP) to test the OBIS-ENV-DATA standard through the development of some data products and science applications. The participants will be asked to bring ATT datasets to the workshop, preferably into the OBIS-ENV-DATA format.

This workshop also contributes to the further maturation of the GOOS EOVs on [fish](#) and [Birds, Mammals and Turtles](#).

## Draft Agenda

Outline:

- Monday 23 April: Introduction and discussion of OBIS-ENV-DATA
- Tuesday 24 April: Identification and selection of ATT data products and applications
- Wednesday 25 April: Development of ATT data products and applications building on OBIS-ENV-DATA
- Thursday 26 April: Testing ATT data products and applications

#### Draft invitation list

IOC/IODE has allocated 15,000 US\$ for this meeting, so only a limited amount of people can be sponsored fully or partly. We should try to keep the workshop small with representatives of the following organizations/networks:

1. IODE/OBIS: Ward Appeltans [w.appeltans@unesco.org](mailto:w.appeltans@unesco.org)
2. IODE/OBIS: Pieter Provoost [p.provoost@unesco.org](mailto:p.provoost@unesco.org)
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