



The Global Ocean Observing System



# Session 2: 2.2 Biodiversity Plan

**Clive McMahon, Gabrielle Canonico, Audrey Darnaude and Ana Lara-Lopez**

**14th GOOS Steering Committee meeting (SC-14) | 19-21 February 2025 |  
Paris, France**

# Recent advances

## Drafting workshop with the BioEco Panel on 3 February

Baseline activities for 2025 to help implementation of the GOOS Biodiversity Plan:

- Updated BioEco EOV specification sheets ✓
- Tailored communication material to improve understanding and engagement of BioEco observing communities ✓
- Agreed minimum metadata and data requirements ✓
- Baseline assessment of BioEco EOV Technical Readiness Level
- Finalised proof of concept of real-time delivery of biological data from AniBOS network
- BioEco programme metadata flows into the GOOS BioEco Portal via the ODIS architecture



# Existing issues

- Timeframe to have a final draft is short and dependent on prompt and timely review
- Implementation of the Plan will require additional support for the Panel given its multiple functions, including data and metadata management through collaboration with OBIS
- Deeper engagement between OBIS and OceanOPS will be important to successfully implement the biodiversity plan and increase recognition of biological observations by OceanOPS to improve collaboration is needed

# Next steps

- Draft annotated outline -end of January 2025  
Who: GOOS BioEco exec with GOOS MT
- Writing session with the BioEco Panel - February 2025 Panel meeting  
Who: GOOS BioEco exec and IOC biodiversity plan lead (Ward) with Panel
- Discuss plan with Cross-Panel leadership and report on draft plan and timeline to GOOS SC -  
18-22 February  
Who: GOOS BioEco exec
- Community **review** and input to the draft plan  
Who: GOOS components + GOOS SC and sponsors + relevant parts of IOC + OTHERS -  
**March 15 through April 15**
- Adjudicate comments and deliver to GOOS MT in advance of IOC-33 - End of April  
Who: GOOS BioEco exec

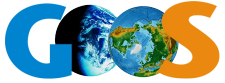


# Risks

- Lack of sustainable and continuous support for the BioEco Panel that can derived in critical lapses in staff support for the Panel, such as that most recently experienced in December 2024.
- Work dependent on US Federal funding are at highest risk and may present delays or issues in advancing some work, e.g. SCOR WG, NOAA, NSF funded work relevant to the Panel, other

# Considerations for the SC

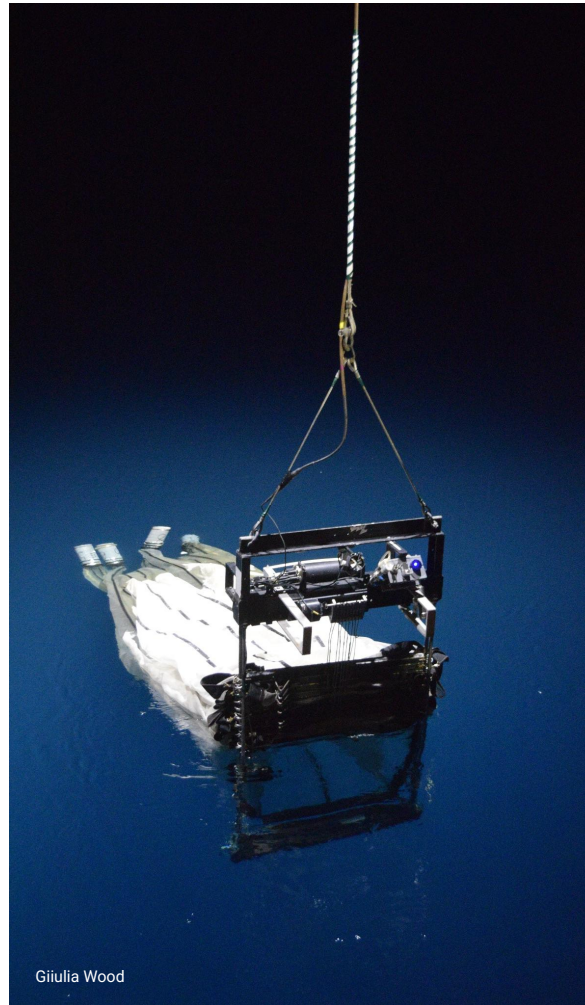
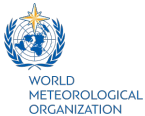
1. It is **essential** and of the **highest priority** to identify appropriate funding to sustainably support the BioEco Panel in implementing the GOOS biodiversity plan.
2. A draft biodiversity plan is expected to be ready by mid-March and the GOOS SC will be asked for **timely input and comments** if the biodiversity plan is to be submitted to the IOC Executive Council.
3. The BioEco Panel requires GOOS active and immediate support **establishing strategic partnerships** with GEO and POGO as first priorities, as well as WMCM and UNEP.
4. Deep engagement between OBIS and OCG is needed to help align data workflows and to enable interoperability of the systems, including support to improve the BioEco Portal which plays a role similar to OceanOPS for biology.
5. Engaging communities is essential to improve the uptake of BioEco EOVs and support should be provided to undertake workshops.



The Global Ocean Observing System

[goosocean.org](http://goosocean.org)

# Thank you



Giulia Wood



Dimitis Poursanidis / Ocean Image Bank

