



Breakout Workshop:

**Priority list of marine biodiversity metrics to observe from space:  
synthesis and planning for next steps**

**Co-Chairs:**

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**Scope and Goals**

This workshop will discuss progress on metrics for marine biodiversity. The discussion follows workshops held at IOCS 2023 and ESA's BIOSPACE25 (Feb. 2025).

There is a need to coordinate efforts to identify which products are fit-for-purpose and their maturity. A goal is to identify indicators useful to address national needs and international agreements like the Convention on Biological Diversity Kunming Montreal Global Biodiversity Framework.

The scope of the workshop is:

- to discuss progress on ongoing work towards a position paper on suitability of current ocean colour derived products to monitor biodiversity status and trends in the marine and coastal environments,
- to discuss/draft/plan the terms of reference for a proposal for a new IOCCG working group, focusing on an evaluation of available monitoring biodiversity (or biodiversity relevant variables) from space, the suitability of products to inform policy, and areas of scientific development needed to develop the missing knowledge.

**Key Questions**

1. What are the remote sensing products relevant to generate Essential Ocean Variables (EOV), Essential Biodiversity Variables (EBV), and indicators?
2. Is it possible to produce a ranked list of remote sensing products and requirements?
3. What are the gaps and possible EOV/EBV that could be developed in the future?