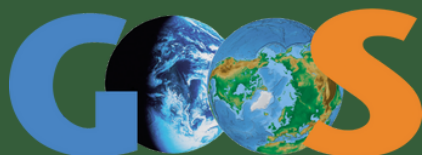




**Observe the ocean as if  
life depends on it.**

**Because it does.**



The Global Ocean  
Observing System



**2021** United Nations Decade  
**2030** of Ocean Science  
for Sustainable Development

The Ocean, **our planet's life support system**, is undergoing critical changes. Let's turn the tide on how we manage it.

# 12 Essential Ocean Variables for Biodiversity

measured by global marine biodiversity monitoring networks



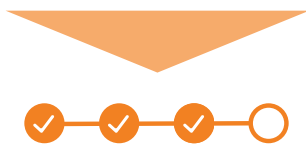
Phytoplankton Zooplankton Fish Sea turtles



Seabirds Marine mammals Hard coral Seagrass



Macroalgal canopy Mangroves Microbes (\*emerging) Invertebrates (\*emerging)



**MARINE BIODIVERSITY INDICATORS**

Since 2012 the **Global Ocean Observing System** has been engaged in building the networks for marine biological and ecological observations.

Essential Ocean Variables are already used to report to marine biodiversity indicators, allowing nations to assess progress towards biodiversity targets.

A new conversation is needed between Parties of the Convention on Biological Diversity to **connect across all of the indicators**.

The Global Ocean Observing System is working to integrate new technology, such as environmental DNA and remote sensing, to help nations take advantage of the biological data revolution that will fundamentally change our ability to manage marine ecosystems.

**Together we can develop a truly fit for purpose ocean biodiversity observing system to fulfill reporting needs and support sustainable ocean management.**

## Have your say!

Join the Global Ocean Observing System and its partners for a conversation on building a collaborative and integrative observing system in support of the Global Biodiversity Framework.



[goos@unesco.org](mailto:goos@unesco.org)

