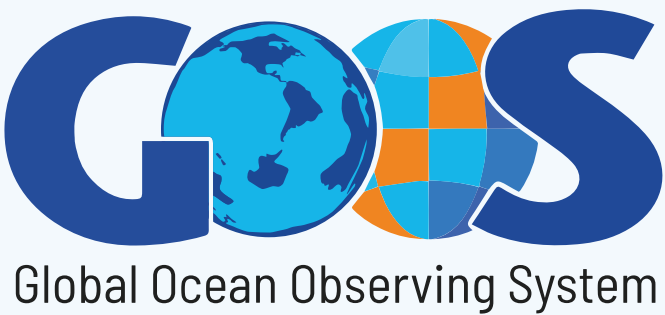


# Essential Ocean Variables (EOVs)

## Monitoring the state and health of the ocean

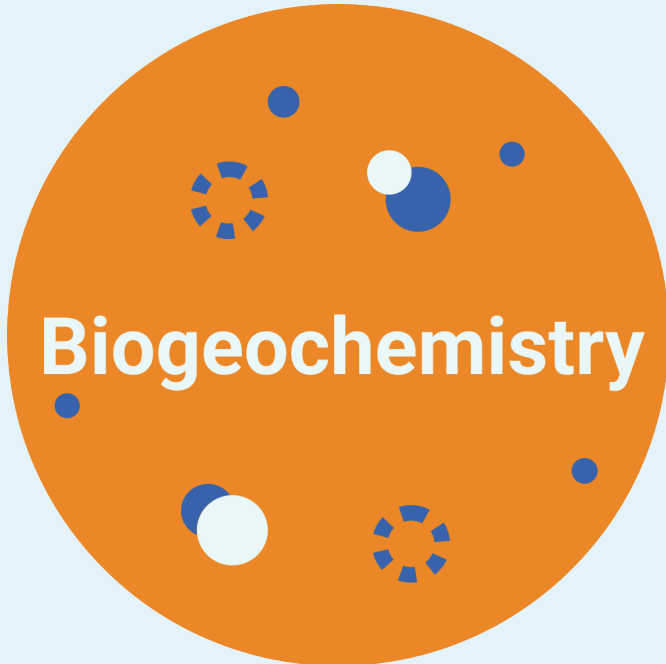
EOVs are the minimum set of ocean variables needed to understand the state of the ocean and the variability of important oceanic processes. They provide information to manage activities that benefit society. EOVs are defined and standardised by the **Global Ocean Observing System (GOOS)**.



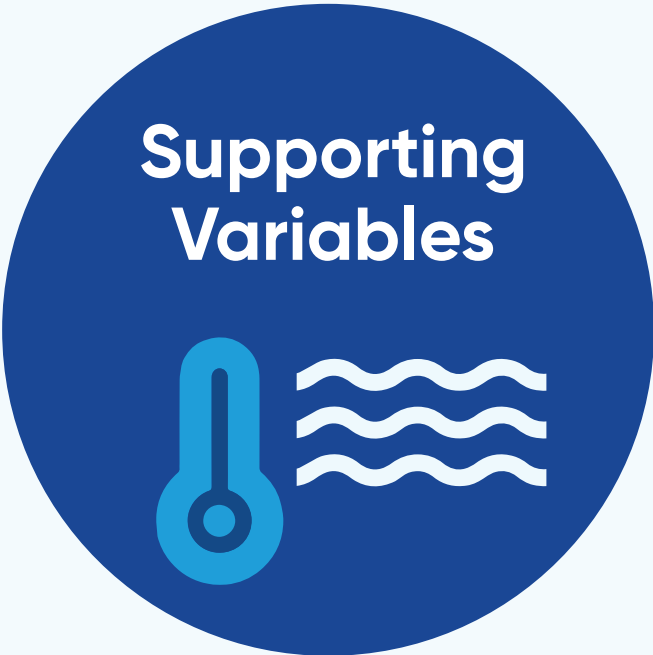
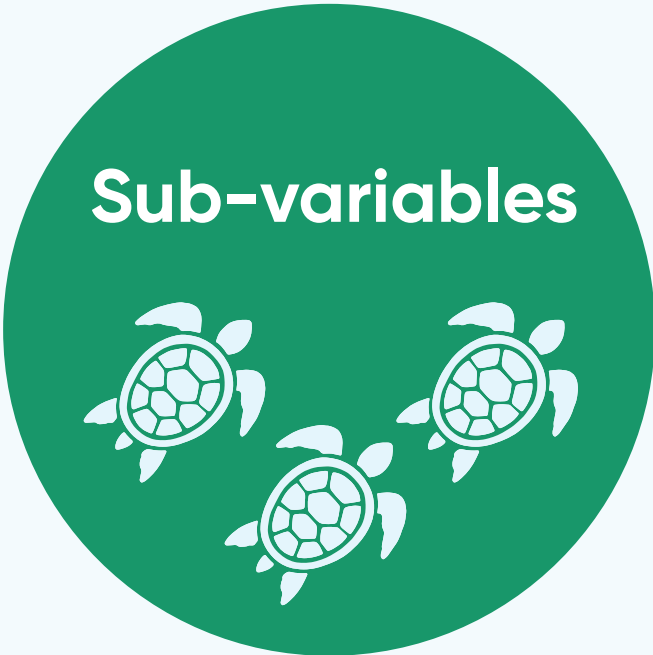
EOVs focus on **three** main delivery areas:



EOVs are grouped by discipline and are overseen by **three** GOOS expert panels:



EOVs can be described by **three** key elements:



**Basic measurements for estimating the main EOV (e.g., counting marine turtles)**

**Additional measurements offering context (e.g., measuring water temperature for understanding environmental conditions affecting turtles)**

**Outputs calculated from the sub-variables and other relevant information (e.g., visible changes in turtle population using turtle count and water condition)**

**EOVs make it easy to measure and compare ocean data from all corners of the world!**

Developed and designed by



Funded by  
the European Union

Funded by the European Union under the Horizon Europe Programme, Grant Agreement No. 101082021 (MARCO-BOLO). Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Research Executive Agency (REA). Neither the European Union nor the granting authority can be held responsible for them.



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and Innovation

UK participants in MARCO-BOLO are supported by the UKRI's Horizon Europe Guarantee under the Grant No. 10068180 (MS); No. 10063994 (MBA) and No. 10048178 (NOC).