

WOC User Consultation meeting 2022

10-12 October | ESA-ESRIN Frascati (Rome), Italy

#ESAW0C2022





Pioneer innovative & reliable Earth Observation solutions for the public benefit, in support to international policies on the environment and sustainable development.

The active involvement of stakeholders and end-users.

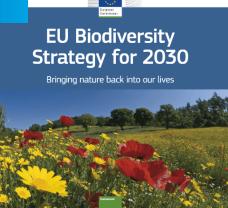












ESA UNCLASSIFIED - For ESA Official Use Only

Major international agreements/frameworks



UN SDG for 2030























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The Sendai Framework for **Disaster Risk Reduction 2030**















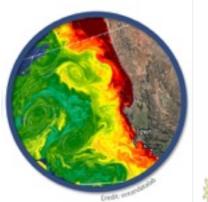
The WOC Context

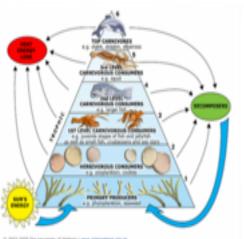


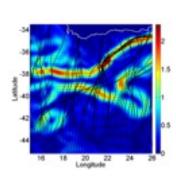


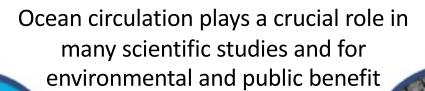








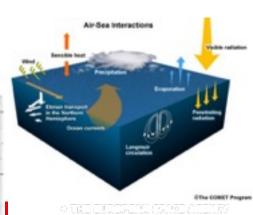


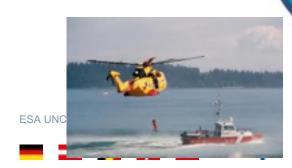


applications



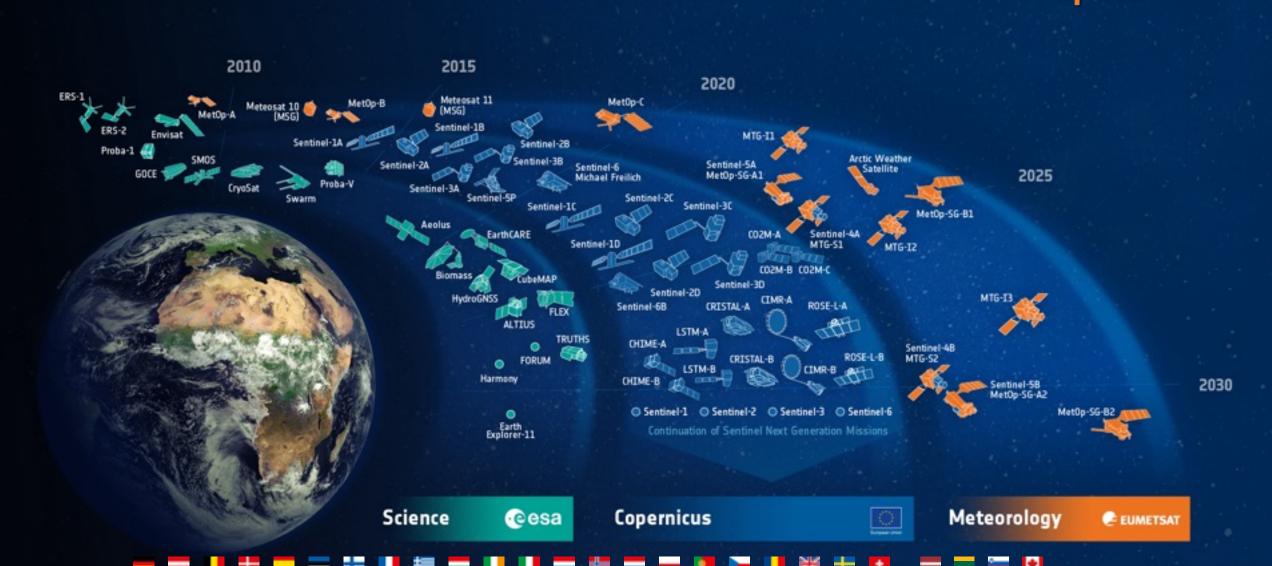


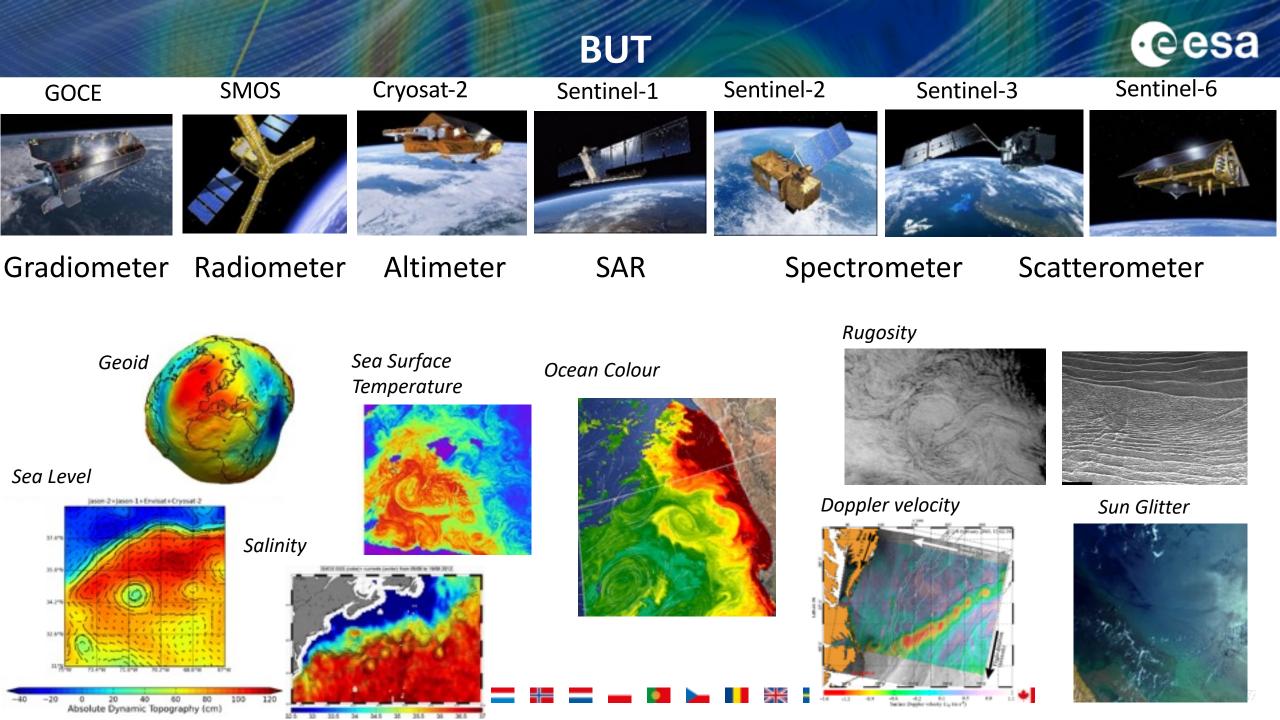




ESA-developed Earth Observation Mission

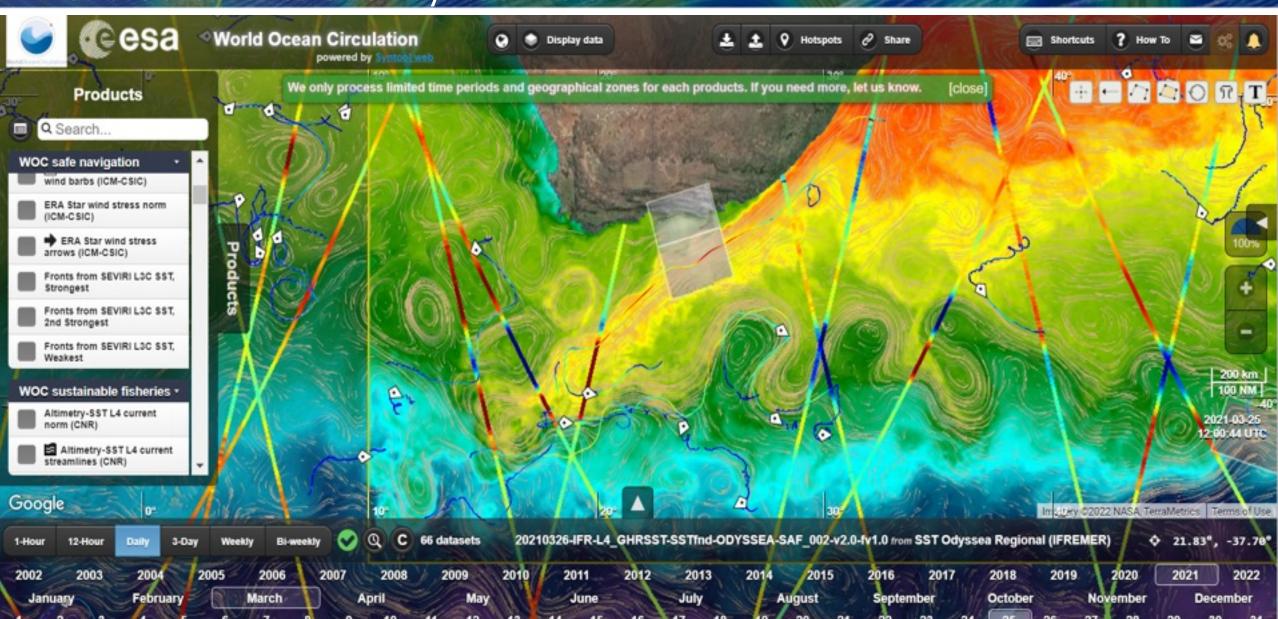
No satellite providing direct measurements of ocean currents from space





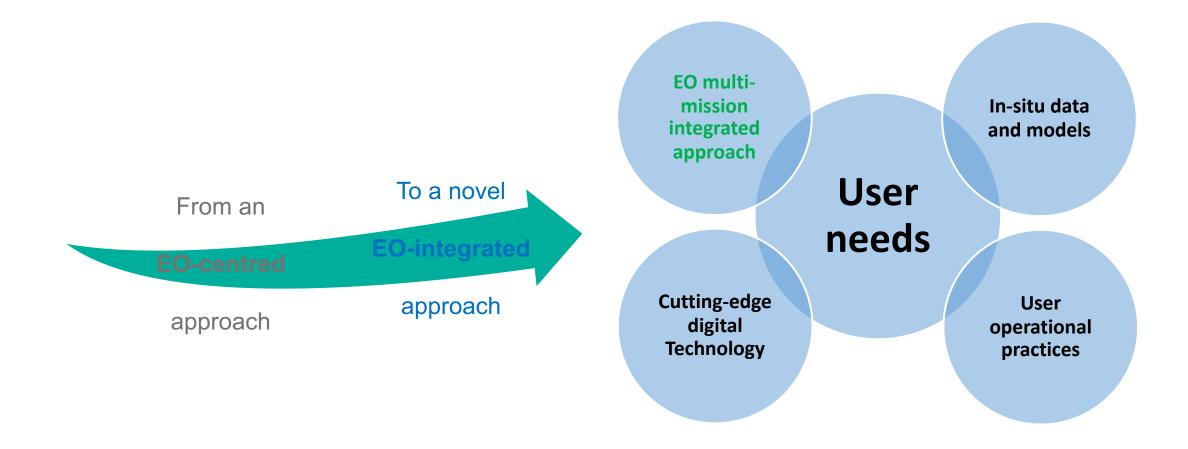
https://woc.oceandatalab.com/ World Ocean Circulation Syntool instance





Moving towards the EO-integrated approach





Project characterization

applications methodology Maturity of EO

+

Methodology consolidation, harmonization.

Upscaling, pre-operations tests, demonstrators of integrated solutions into operational processes.

Prototypes, precursors, pathfinders, preliminary feasibility, proof-of-concept.

'community responsive'
projects (e.g., responding to
specific needs, rapid feasibility
tests)

Early Adopters

Champion Users

Uptake readiness of stakeholders and end-users





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