

The Global Ocean Observing System



Expert Team on Operational Ocean Forecasting Systems (ETOofs) Session 4

Enrique Alvarez Fanjul

Thirteenth GOOS Steering Committee Meeting [SC-13]
Barcelona 13th-16th April 2024

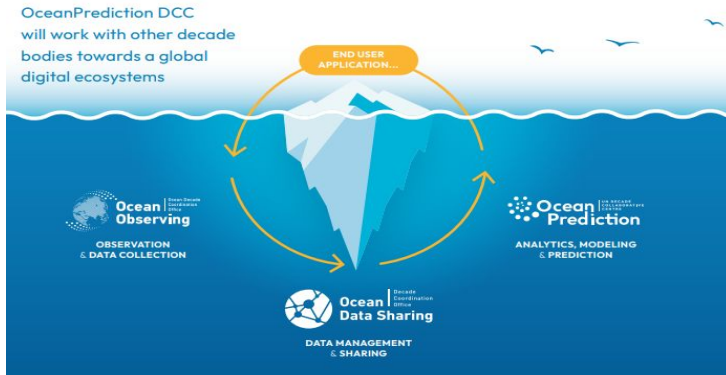
Recent developments on ETOOFS

- Decade is providing a new framework where ETOOFS can be more relevant than ever.
- New ToR ready for approval:
 - **Adapted not new environment derived from Decade**
 - **Reinforcement of endorsement and capacity building role**
- OceanPrediction DCC prepared the Operational Readiness Level and the Architecture for Ocean Forecasting
- Work on OOFS data standards to be launched this year
- ETOOFS guide now transformed onto a wiki site

<https://www.unoceanprediction.org/en>

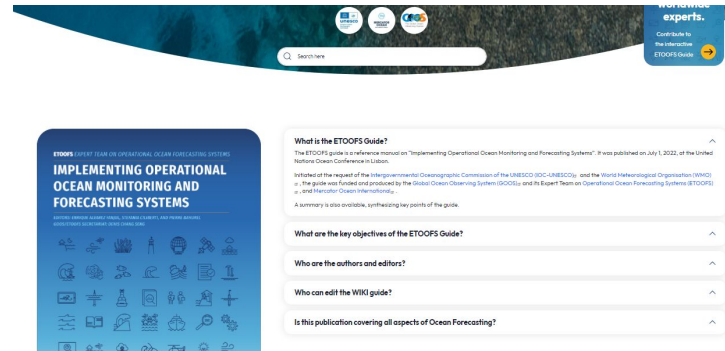
The image shows two overlapping visual elements. The top one is a screenshot of the ETOOFS Guide website, which features a dark blue header with navigation links like 'ETOOFS Guide', 'Architecture', and 'Operational Readiness Level'. The main content area has the title 'ETOOFS Guide' and a search bar. The bottom one is a diagram of the Ocean Prediction DCC framework, showing a cycle of 'OBSERVATION & DATA COLLECTION' (Ocean Observing), 'ANALYTICS, MODELING & PREDICTION' (Ocean Prediction), and 'DATA MANAGEMENT & SHARING' (Ocean Data Sharing), all leading to 'END USER APPLICATION...'. The diagram also includes the text 'OceanPrediction DCC will work with other decade bodies towards a global digital ecosystems'.

(3 Main challenges/questions for SC to discuss)



Adapting to new environment

Composition of ETOOFS probably to be revisited. Possibility to operate the Operational Readiness Level and have a critical role as endorsement body



Promoting ETOOFS guide

The existence of the document still is quite obscure for the community (only 35% of experts are aware of this document)



Promoting capacity development role

ETOOFS guide + ORL + OceanPrediction DCC architecture creates a basin for promoting ocean forecasting worldwide.