

# Expert Team on Operational Ocean Forecasting System (ETOOFS)

## Terms of Reference

The Expert Team on Operational Ocean Forecasting System (ETOOFS) shall:

1. Contribute to the joint governance for the development and integration of the observing system (*in-situ* and satellite), data management, and ocean forecasting systems.
2. Contribute to the Global Ocean Observing System 2030 Strategy and its implementation, ensuring that ocean observing and forecasting systems are connected towards the delivery of services, particularly by providing advice and feedback to observing systems to identify successes and address gaps.
3. Jointly develop coordinated recommendations on technical materials, regulations, and nominative materials for IOC and WMO for ocean forecasting systems, including shared tools, standards, and recommended practices, through collaborative efforts.
4. Develop a portfolio of endorsed documentation (including an updated version of the ETOOFS guide) to support the implementation of OOFs systems and frameworks tailored to the users' needs through appropriate service delivery mechanisms.
5. Provide recommendations on tools, standards, recommended practices, and Operational Readiness Levels (ORLs) to promote interoperability and other critical advances of ocean forecasting.
6. Provide guidance on capacity building related to OOFs and contribute to outreach activities, including training.
7. Contribute to the periodic provision of an overview of active operational ocean forecasting systems.
8. Collaborate with partner programmes of IOC and WMO to ensure continuous improvement of operational ocean forecasting.
9. Provide periodic updates to the Global Ocean Observing System Steering Committee (GOOS SC) on the OOFs global status and advancements, including recommendations for its future development.

Note: Overview, membership and governance and operating principles will be included in separate sections in addition to the Terms of References.