

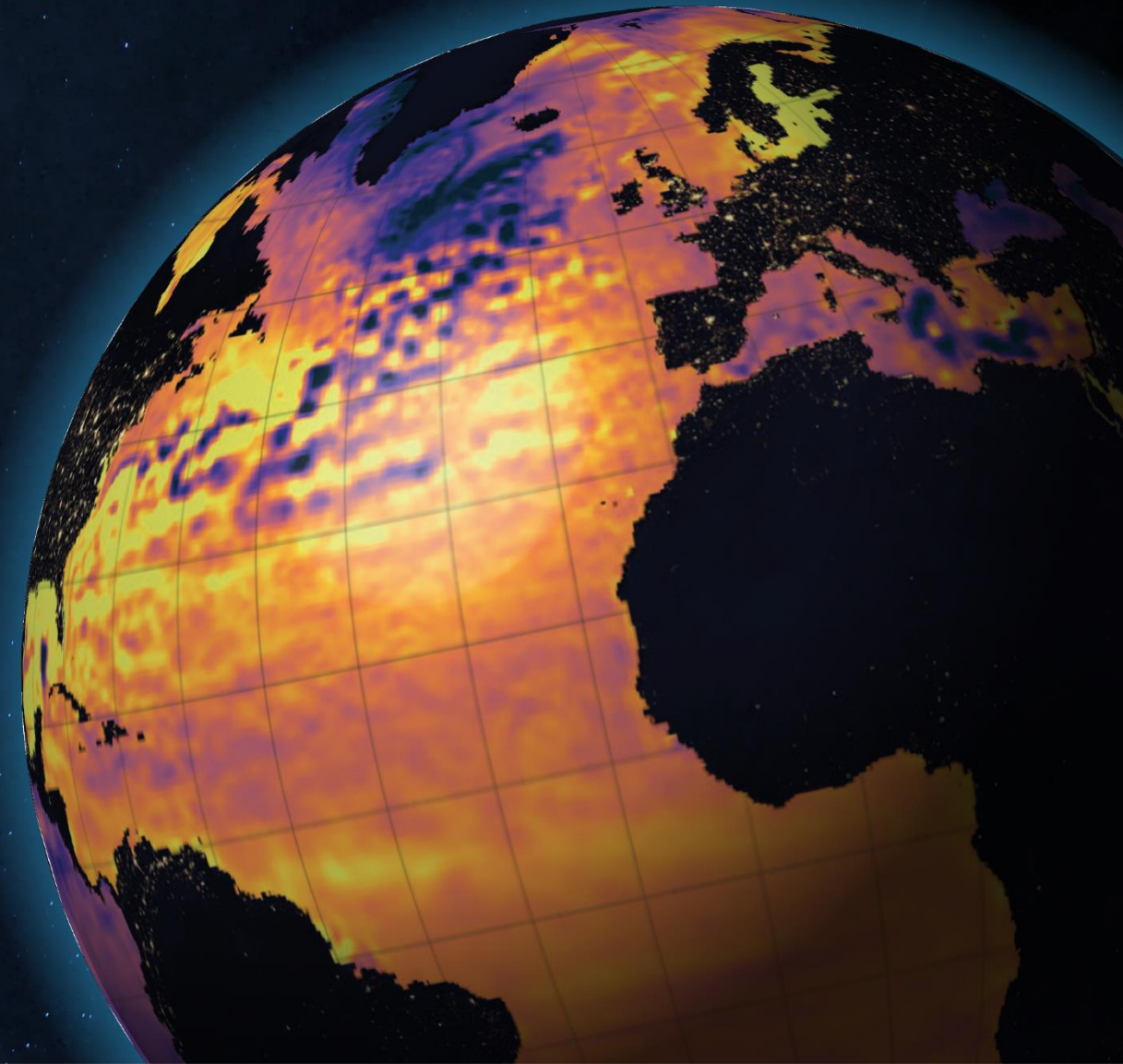


Brest-Plouzané, France

17-20 June 2025

Coastal Ocean and Shelf Seas Task Team - International Coordination Meeting (COSS-TT ICM)

COSS-TT Chairs:
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Agenda

- I. COSS-TT Overview
- I. COSS-TT Meeting Objectives
- I. Workshop Themes

Overview

- **COSS-TT mission:** Working within OceanPredict for international coordination in support of new science and expertise → leading to improvements in coastal ocean prediction and forecasting systems
- **Goal:** Help achieve a truly seamless framework from the global to the coastal scale.

Objectives

- Address the particular challenges on monitoring and forecasting in coastal areas and regional seas
- Align with society's needs and benefits:
 - The majority of human marine activities take place along the coast
 - Enhancement of marine resource exploitation

Workshop Themes

1. **The observing infrastructure** in the coastal seas, its integration with ocean model, prediction and forecast systems
2. **Ocean modelling** at the regional and shelf sea spatial scales and seamless integration with larger-scale estimates
3. **The land-ocean continuum**: integration of models for coastal ocean and estuaries/deltas/wetlands, including effects on urban built environments/coastal cities
4. **Coastal projections and scenarios**, coastal vulnerability, wave and storm surge impacts in the coastal zone
5. **AI/ML applications** in the coastal ocean prediction
6. **User applications and decision tools** in the coastal ocean (including Digital Twins)
7. **The role of the COSS-TT** in the UN Ocean Decade and beyond



Thank you!