

The Copernicus Marine Service

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Mercator Ocean International



PROGRAMME OF
THE EUROPEAN UNION



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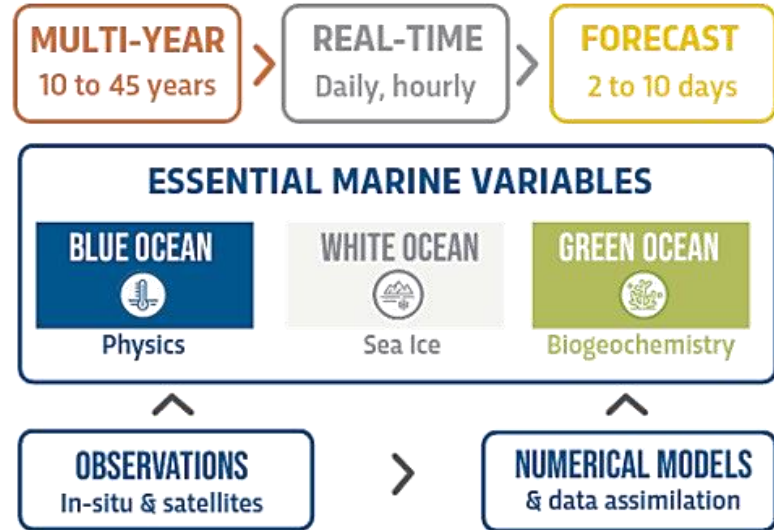
**MERCATOR
OCEAN**
INTERNATIONAL

The Copernicus Marine Service

Global and regional ocean monitoring and forecasting

COPERNICUS MARINE REGIONAL OCEAN PRODUCT DIVISIONS

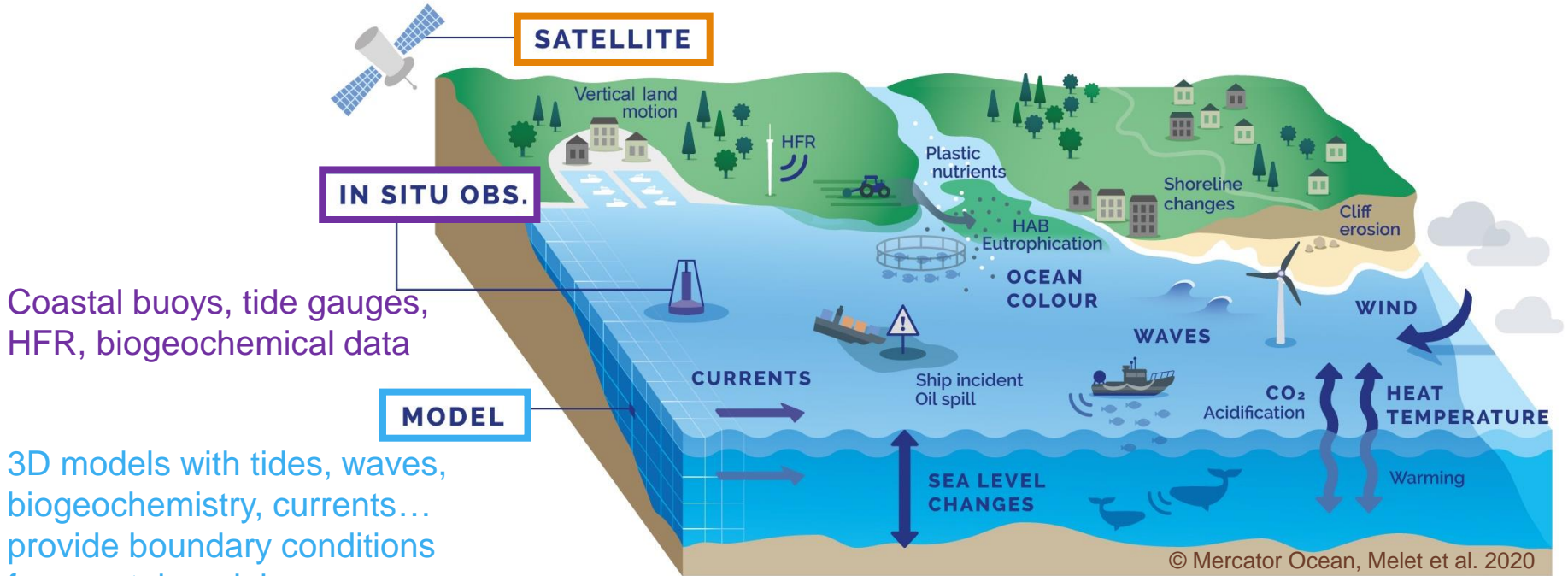
- 1 Global Ocean
- 2 Arctic Ocean
- 3 Baltic Sea
- 4 European North West Shelf Seas
- 5 Iberian Biscay Ireland Seas
- 6 Mediterranean Sea
- 7 Black Sea



To explore the Service and the catalogue please follow <https://marine.copernicus.eu> & <https://data.marine.copernicus.eu/products>

Coastal users: the Copernicus Marine Offer

Waves, sea level, sea surface temperature, winds, ocean colour, sea-ice - bathymetry (new in 2025)



Coastal buoys, tide gauges, HFR, biogeochemical data

3D models with tides, waves, biogeochemistry, currents... provide boundary conditions for coastal models

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Conclusions



- ❑ Copernicus Marine provides free, open and operational access to in-situ and satellite observations and models required for coastal hazard monitoring and forecasting.
- ❑ Improved coastal zone (marine) monitoring and forecasting is one of the top priorities for Copernicus Marine in Copernicus 2 (2021-2028):
 - Improved (sea level, SST, ocean colour, waves, winds) and new (time evolving bathymetry) coastal satellite products.
 - Improved access to coastal in-situ data.
 - Stronger /operational interfaces with coastal monitoring and forecasting systems operated by EU Member States (co-production/co-design). Re-enforced interfaces with international partners (e.g., GMES Africa).

