Ocean reporting activities of the Copernicus Marine Environment Monitoring Service

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The Copernicus Marine Environment Monitoring Service (CMEMS) provides a comprehensive and state-of-the-art assessment of the status of the global ocean and its regional seas. The report aims at increasing general public awareness of the state of the oceans and their changes.

**Objective**: Develop a fundamental source of value-added information and indicators for the monitoring & reporting of the European regional seas and the global ocean state, variability and change from the past to the present.

**Tools**

I. Regular release of the peer-reviewed CMEMS Ocean State Report containing a state-of-the-art value-added synthesis of the ocean state, variability and change from the past to present.

II. Ocean Monitoring Indicators and related operational framework on the CMEMS web portal.

**THE COPERNICUS MARINE SERVICE OCEAN STATE REPORT**

The Copernicus Marine Environment Monitoring Service (CMEMS) Ocean State Report provides a comprehensive and state-of-the-art assessment of the state of the global ocean and European regional seas.

**THE COPERNICUS MARINE SERVICE OCEAN MONITORING INDICATORS**

The Copernicus Marine Environment Monitoring Indicators are the fundamental baseline for regular monitoring to inform on the status and health of the Marine Environment of the global ocean and the European regional seas. They are updated on a regular frequency and deliver information from the past to the real time.

**THE COPERNICUS MARINE SERVICE DATA DISTRIBUTION**

Current available CMEMS Ocean Monitoring Indicators:

- Ocean heat content
- Sea level
- Ocean health
- Sea ice extent
- Temperature & salinity

**Visualisation**

- A high-quality visualisation
- A set of documentation, including a scientific context and main results, information on the indicator quality and on the products used for its development
- The numerical values in reftool format

All elements can be downloaded and integrated in the CMEMS catalogue.


Next release of additional indicators & updates: June 2020