The ocean affects us all. It influences weather and climate, impacting many sectors such as agriculture, marine and coastal activities, marine ecosystems, tourism, living conditions, human health and disaster preparedness, both regional and globally. In situ marine meteorological and oceanographic observations, together with satellite observations, are necessary for many applications and to address socio-economic needs. This first annual Report Card assesses the status and the value of the global ocean observing networks that are supported by many countries and coordinated through the Joint WMO-IOC (World Meteorological Organization-Intergovernmental Oceanographic Commission of UNESCO) Technical Commission for Oceanography and Marine Meteorology (JCOMM).

Global Ocean Observations

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Sustaining the oceanographic and marine meteorological observing networks remains a continuous challenge for the international community. WMO Members and IOC of UNESCO Member States are investing in the observing system and rely on JCOMM expertise to guide them for addressing their needs.

National Partners

Based on operational platforms registered at JCOMMOPS as of December 2016: 74 countries.

Contacts

General information: www.jcomm.info
Networks status: www.jcommops.org
Assistance: reportcard@jcommops.org

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JCOMM Observing System Report Card 2016

Sustained ocean observations are vital to support the Blue Economy, which is projected by the Organisation for Economic Co-operation and Development to create 40 million full-time jobs employed by ocean industries by 2030. The Blue Economy is marine-based economic development that leads to improved human well-being, while significantly reducing environmental risks and ecological scarcities.

Sea level observations and projections help coastal communities planning for and adapting to the risk of rising sea levels to their economies, infrastructure and coastal habitats.


More information at: www.jcommops.org/reportcard

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