

SMOS-BEC hosts the 17th meeting of the Ocean Observations Panel for Climate and the 3rd meeting of the Global Ocean Observing System Steering Committee



From July 21 to 26, SMOS-BEC host at ICM the 17th meeting of the Ocean Observation Panel for Climate (OOPC) and the 3rd meeting of the Global Ocean Observing System (GOOS). The mission of OOPC is to develop recommendations for a sustained global observation of the oceans in relation to climate, while GOOS is a permanent global system for observations, modeling and analysis of marine and ocean variables to support operational ocean services worldwide. GOOS provides accurate descriptions of the present state of the oceans, including living resources; continuous forecasts of the future conditions of the sea as far ahead as possible, and the basis for forecasts of climate change. GOOS is made of many observation platforms including 3000 Argo floats, 1250 drifting buoys, 350 embarked systems on commercial or cruising yachts, 100 research vessels, 200 marigraphs, and more than 200 moorings in open sea.



Global ocean observation assets: primary Observational Objectives of the Initial Global Ocean Observing System

The OOPC is sponsored by the Global Climate Observing System (GCOS), and the World Climate Research Programme (WCRP) and GOOS itself. GOOS is sponsored by the Intergovernmental Oceanographic Commission (IOC) of UNESCO, the World

Meteorological Organization (WMO), the International Council for Science (ICSU), and the United Nations Environment Programme (UNEP). GOOS is implemented by member states via their government agencies, navies and oceanographic research institutions working together in a wide range of thematic panels and regional alliances.

OOPC panel and GOOS SC members attending the Barcelona meeting at ICM included renowned scientists such as Mark Bourassa, professor of meteorology at Florida State University, the physical oceanographer Toshio Suga from Tohoku University, Eric Lindstrom, leader of the climate focus area at NASA and chairman of the Steering Committee of the Global Ocean Observing System (GOOS), Rosalia Santoleri, a physical oceanographer with a long experience on marine circulation, satellite oceanography and air-sea interaction studies, working at the Istituto di Scienze dell'Atmosfera e del Clima (ISAC) of the Italian National Research Council, Robert Weller, senior scientist at Woods Hole Oceanographic Institution, Pierre-Yves Le Traon, Head of Operational Oceanography at IFREMER, or Albert Fisher, Head of the Ocean Observations and Services section in the Inter-governmental Oceanographic Commission of UNESCO.

During the meeting, a local science break has been scheduled to introduce ICM research activities and infrastructures to the member os these international boards.



GOOS Steering Committee at the main gate of ICM (Barcelona, July 24, 2014)

BEC team