



## **EUMETSAT and OSI-SAF Sea Surface Temperature: Recent results and future developments**

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The European Organisation for the Exploitation of Meteorological Satellites (EUMETSAT) delivers operational weather and climate-related satellite data, images and products throughout all day and year. EUMETSAT also has commitments to operational oceanography and atmospheric composition monitoring. Activities over the next twenty years include the continuation of the Mandatory Programmes (MSG, EPS) and future (MTG, EPS-SG), which all include ocean observations of Sea Surface Temperature.

The EUMETSAT Ocean and Sea-ice (OSI) Satellite Application Facility (SAF) is lead by Meteo-France with a consortium of institutes from EUMETSAT member states, and provides reliable and timely operational services related to meteorology, oceanography and the marine environment. The OSI-SAF delivers level-2 Sea Surface Temperature products in GHRSSST format from a range of EUMETSAT data including Metop AVHRR, IASI; and SEVIRI.

EUMETSAT is participating in Copernicus Sentinel-3 in partnership with ESA, where EUMETSAT will operate the satellite and will serve the marine user community. The operational Sea Surface Temperature product delivered by EUMETSAT for Sentinel-3 SLSTR will be in GHRSSST L2P format.

On-going work towards access to relevant data from third-parties with the preparation of agreements with ISRO, SOA and JAXA, will give EUMETSAT access to an enhanced ocean products catalogue.

The presentation will give an overview of activities relating to Sea Surface Temperature at EUMETSAT and the OSI-SAF, and their support to GHRSSST, focusing on recent results and future developments.