

Mediterranean and North Atlantic

Mediterranean and North Atlantic SMOS SSS maps V2.0

SSS maps in the Mediterranean Sea and North Atlantic are computed at BEC using a new methodological approach to cope with land and RFI contamination.

Products

Two different products are generated

Objective analysed data

Daily map of 9-day objective analyzed data in a rectangular grid at 0.25° resolution, from 2011 to 2016. For ascending and descending orbits.

Fused data

Daily fused with OSTIA SST maps in a rectangular grid at 0.05° resolution, from 2011 to 2016

These maps have been validated with near-surface measurements provided by Argo profilers, which allow us to define several quality metrics.

Related documents

- **Article:** Olmedo *et al*, “Improving SMOS Sea Surface Salinity in the Western Mediterranean Sea through Multivariate and Multifractal Analysis” Remote Sens. 2018, 10(3), 485; [doi:10.3390/rs10030485](https://doi.org/10.3390/rs10030485)
- **Data Description and Quality report:** [BEC-SMOS-0003-PD-](#)

[SSS-MED.pdf](#)