

Arctic SMOS SSS maps V4

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SSS maps in high latitude ocean areas and Arctic Ocean are computed at BEC using a new methodological approach for reducing the contamination close to the ice edge, and with better quality and resolution than its precedent version. The product has the DOI number: 10.20350/digitalCSIC/16251. The work has been funded by the European Space Agency (ESA) Arctic+ Salinity project (A0/1-9158/18/I-BG) and Arctic+ SSS CCN (4000125590/18/I-BG), and by MCIN/AEI/-10.13039/501,100,011,033 through the projects E04TIP (PID2023-1496590B-C21) and INTERACT [PID2020-114623RB-C31].

Products

9-days average provided daily

The product is a daily map of 9 day objective analysed data at EASE 2.0 grid, at 25 km resolution, from 2011 to 2023

Related documents

- Article:

- [A. García-Espriu et al. 2024] A. García-Espriu, V. González-Gambau, E. Olmedo, C. Gabarro, M. Umbert, M. Sánchez-Urrea, C. González-Haro, S. Guimbard, L. Bertino, R.P. Raj, R. Catany, and R. Sabia (2024) "ESA Arctic+ Salinity Product V4:

Reducing the Contamination Close to the Ice-Edge,”
IGARSS 2024 – 2024 IEEE International Geoscience
and Remote Sensing Symposium, Athens, Greece,
2024, pp. 5843-5846, doi:
10.1109/IGARSS53475.2024.10641922.

- [*Data Description and Quality report*](#)