## Advanced SSS products now available with global coverage!

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Objectively Analysed SSS for the period May 27th to June 4th, 2014

In a continuous effort to improve the quality of our data and provide a better service to our users, we have made a new brand of advanced SSS products available. In contrast with previous datasets, the new products have global coverage and are generated for a 6-year period.

The new products are based in the <u>debiased non-Bayesian</u> <u>method</u>, as the previous ones. Some minors issues regarding the definition of the SMOS-based climatologies have been improved for the production of this new dataset.

The dataset includes the same types of products and with the same spatial and time resolution of the <u>Mediterranean products</u> we introduced one year ago, but with increased coverage both in space (now global) and time (now six years, from 2011 to 2016).

For that reason, the Mediterranean products are now considered deprecated and will be removed from our servers in some months.

**Arctic SSS products**, as they require specific spatial grid and other adaptations, will be preserved.

The use of debiased non-Bayesian method allows to mitigate the effect of land-sea contamination and a significant part of the negative impact by radiofrequency interferences (RFI). There are still some areas so impacted by strong RFI that cannot be retrieved, and for which specific processing methods are being

<u>investigated</u>. Nevertheless, in the vast majority of the ocean and coastal areas the new products are of a quality good enough to enable users to study and analyze many geophysical processes.

As usual, we expect to have your feedback on our products; do not hesitate in contacting us at smos-bec@icm.csic.es.

Enjoy!

The BEC Team