# New release of BEC SMOS soil moisture products

We are pleased to announce that all SMOS soil moisture products have been reprocessed based on the last versions of the ESA SMOS data, particularly the v724 for the L1C brightness temperature and v700 for the L2 soil moisture.
The new BEC SMOS L3 soil moisture v4.0 at 25 km significantly improves the accuracy of the soil moisture data over most of the globe compared to its previous version. Moreover, the current L3 files include also the vegetation optical depth (VOD) retrieved alongside, in addition to the global soil moisture.

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# New Black Sea SMOS-derived Colored Detrital Matter (CDM) product

We are pleased to announce the publication of the experimental Colored Detrital Matter (CDM) derived from the regional SMOS Sea Surface Salinity (SSS) products for the Black Sea produced at BEC. This new experimental CDM product, specific for the Danube mouth, has been created under the funded ESA project ITT Earth Observation data for Science and Innovation in the Black Sea (EO4SIBS) (contract 4000127237/19/I-EF).

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# New Black Sea SMOS Sea Surface Salinity products

We are pleased to announce the publication of the first dedicated SMOS Sea Surface Salinity (SSS) products for the Black Sea produced at BEC. These new SMOS Sea Surface Salinity products specific for the Black Sea region have been created under the funded ESA project ITT Earth Observation data for Science and Innovation in the Black Sea (EO4SIBS) (contract 4000127237/19/I-EF).

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# New Baltic SMOS Sea Surface Salinity products

We are pleased to announce the publication of the first dedicated SMOS Sea Surface Salinity (SSS) products for the Baltic basin produced at BEC. These new SMOS Sea Surface Salinity products specific for the Baltic region have been created under the funded ESA project ITT Baltic+ Salinity dynamics (4000126102/18/I-BG).

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# New release of 1-km SMOS soil moisture over European and

## Mediterranean countries

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## New release of global SMOS soil moisture products at BEC

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## New Research: Ocean Currents at BEC