

New release of Europe SMOS L4 Soil Moisture at 1 km

We are pleased to release the latest version of the cloud-free BEC L4 soil moisture at 1 km over Europe. The L4 soil moisture v4 maps are produced from the synergy of:

- SMOS L1C brightness temperature,
- European Center for Medium Weather Forecast (ECMWF) land surface temperature (LST),
- Terra Moderate Resolution Imaging Spectroradiometer (MODIS) Normalized Difference Vegetation Index (NDVI).

The downscaling technique uses the BEC L3 soil moisture v3 as benchmark. A detailed explanation of the downscaling algorithm and the resulting product is included in [BEC Land Products Description](#)



Please, do not hesitate to contact us in case you have any question or comment at smos-bec@icm.csic.es. Your feedback is most welcome!

Enjoy the products!

BEC team