



## Ten Years of Remote Sensing at Barcelona Expert Center

Guest Editors:

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Deadline for manuscript  
submissions:

**closed (31 March 2020)**

### Message from the Guest Editors

The Barcelona Expert Centre (BEC) is a joint initiative between the Spanish Research Council (CSIC) and the Universitat Politècnica de Catalunya (UPC). It was created in 2007 to provide support to the Spanish SMOS (Soil Moisture and Ocean Salinity) mission activities. Nowadays, BEC activities cover a wide variety of topics:

- Improvements on calibration, image reconstruction and stability of radiometric data
- Synergy of observations from different sensors and data sources
- Retrieval of geophysical variables: forward modeling and non-linear inversion.
- Validation and quality control
- Assimilation into atmospheric and ocean models
- Generation of added-value products at Levels 3 and 4.

This Special Issue is mainly dedicated to publishing papers on new scientific results covering topics, such as:

- Microwave radiometry, scatterometry, SAR, GNSS-R
- Sensor calibration
- Image reconstruction
- Ocean Remote Sensing: salinity, winds, sea ice, currents, temperature, etc.
- Soil Moisture
- Retrieval algorithms





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## Message from the Editor-in-Chief

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