

## Special Issue

# Ten Years of Remote Sensing at Barcelona Expert Center

### 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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### Guest Editors

Dr. Justino Martínez

Dr. Veronica Gonzalez

Dr. Carolina Gabarro

Dr. Estrella Olmedo

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### Deadline for manuscript submissions

closed (31 March 2020)



## Remote Sensing

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Impact Factor 4.1  
CiteScore 8.6



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## About the Journal

### Message from the Editor-in-Chief

*Remote Sensing* is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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