



Ten Years of Remote Sensing at Barcelona Expert Center

Guest Editors:

Dr. Justino Martínez

Dr. Veronica Gonzalez

Dr. Carolina Gabarro

Dr. Estrella Olmedo

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





an Open Access Journal by MDPI

Editors-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

Prof. Dr. Dongdong Wang

Institute of Remote Sensing and
Geographic Information Systems,
Peking University, Beijing, China

Message from the Editorial Board

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, PubAg, GeoRef, Astrophysics Data System, Inspec, dblp, and other databases.

Journal Rank: JCR - Q1 (Geosciences, Multidisciplinary) / CiteScore - Q1 (General Earth and Planetary Sciences)

Contact Us

Remote Sensing Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/remotesensing
remotesensing@mdpi.com
[X@RemoteSens_MDPI](https://twitter.com/RemoteSens_MDPI)