



## Machine Learning for Remote Sensing Image/Signal Processing

Guest Editors:

**Dr. Pedro Latorre-Carmona**

Department of Computer  
Engineering, University of Burgos,  
Avda Cantabria s/n, 09006  
Burgos, Spain

**Prof. Dr. Antonio J. Plaza**

Department of Technology of  
Computers and  
Communications, University of  
Extremadura, 10003 Cáceres,  
Spain

Deadline for manuscript  
submissions:

**closed (31 March 2022)**

### Message from the Guest Editors

This Special Issue is aimed at presenting new machine learning techniques and new application areas in remote sensing. We particularly welcome papers focused on, although not limited to, one or more of the following topics:

- Deep learning techniques for remote sensing
- Machine learning techniques for inference and retrieval of bio-geo-physical variables
- Machine learning for remote sensing data classification and regression
- Multi-temporal and multi-sensor data fusion, assimilation, and processing
- Machine learning platforms for big data and highly demanding remote sensing applications
- Machine learning for multispectral and hyperspectral remote sensing platforms and applications
- Machine learning for uncertainty analysis and assessment in remote sensing
- Machine learning for remote sensing estimation and characterization of highly variable and dynamic earth processes

We would like this Special Issue to become an example of the most up-to-date machine learning approaches used to solve some of the problems considered by the remote sensing community. For more information:

<https://www.mdpi.com/si/74842>



[mdpi.com/si/74842](https://www.mdpi.com/si/74842)

# Special Issue



an Open Access Journal by MDPI

## 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

## 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.

## 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, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)