



## Spectral-Spatial Segmentation and Classification of Remotely Sensed Hyperspectral Images

Guest Editors:

**Dr. Amin Zehtabian**

**Dr. Saeid Homayouni**

**Prof. Dr. Pedram Ghamisi**

**Dr. Fardin Mirzapour**

**Dr. Ali Mousivand**

Deadline for manuscript  
submissions:

**closed (31 August 2023)**

### Message from the Guest Editors

Dear Colleagues,

Hyperspectral imaging (HSI) has gained significant interest in recent decades, particularly in the field of remote sensing. Classification of HSI data plays a key role in remote-sensing applications and needs to be addressed efficiently.

This Special Issue is open to researchers working on hyperspectral data segmentation and classification as well as feature extraction including—but not limited to—the following topics:

- Spectral-spatial classification of remote sensing data;
- Object-based image analysis (OBIA);
- Novel approaches for spectral-spatial feature extraction;
- Innovative methods for integration of spectral and spatial information

Insights from applying modern machine learning (and, more specifically, deep learning) scenarios for the development of spectral-spatial segmentation and classification approaches *are particularly welcome*.

Dr. Amin Zehtabian

Dr. Saeid Homayouni

Dr. Pedram Ghamisi

Dr. Fardin Mirzapour

Dr. Ali Mousivand

*Guest Editors*



[mdpi.com/si/73429](https://mdpi.com/si/73429)

# 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, Grosspeteranlage 5  
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)