

## Special Issue

# Pattern Recognition in Remote Sensing II

### Message from the Guest Editors

This Special Issue encourages the submission of papers that offer recent advances and innovative solutions on the wide topic of remote sensing image analysis. In particular, topics that fall within topics including, but not limited to, the following are welcome:

- New pattern recognition principles and their potential in remote sensing image analysis;
- Low-level image processing techniques (e.g., denoising, enhancing, deblurring, and rectification);
- Mid-level image processing techniques (e.g., feature extraction, feature matching, image mosaic, image fusion, super-resolution, saliency detection, and change detection);
- High-level image processing techniques (e.g., object recognition, semantic segmentation, image classification, image captioning, and image understanding);
- Parallel computing and cloud computing techniques;
- Light-weight network and embedding design for remote sensing processing;
- Applications in resource management, disaster monitoring, intelligent agriculture, and smart cities.

---

### Guest Editors

Prof. Dr. Chunlei Huo

Dr. Zhiqiang Zhou

Dr. Lurui Xia

Dr. Samia Ainouz

---

### Deadline for manuscript submissions

closed (15 August 2025)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/171086](https://mdpi.com/si/171086)

*Remote Sensing*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)

[mdpi.com/journal/  
remotesensing](https://mdpi.com/journal/remotesensing)





# Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/journal/  
remotesensing](https://mdpi.com/journal/remotesensing)



## About the Journal

### 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.

---

### 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

---

### 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)