

## Special Issue

# Advanced AI Technology for Remote Sensing Analysis

### Message from the Guest Editors

This Special Issue aims to investigate the application of advanced AI technologies for remote sensing analysis. We invite submissions that address various aspects of remote sensing analysis and the corresponding advanced AI technologies in remote sensing scenes. Potential topics of interest include, but are not limited to, the following:

- Multi-modality (multi-source) image fusion;
- Cross-domain adaptation or multi-domain generalization methods;
- Multi-modality remote sensing image benchmark datasets;
- Multi-modality large foundation models for remote sensing scenes;
- Visual-linguistic models for remote sensing scenes;
- Case studies and applications of multi-modality networks in remote sensing for agriculture, urban planning, forestry, climate change, etc.;
- Multi-view joint analysis of remote sensing scenes;
- Image segmentation/detection or change detection;
- Remote sensing analysis with foundation models.

---

### Guest Editors

Dr. Guangliang Cheng

Prof. Dr. Qi Zhao

Dr. Shuchang Lyu

Dr. Hossein M. Rizeei

---

### Deadline for manuscript submissions

closed (31 December 2025)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/212619](https://mdpi.com/si/212619)

*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)