

## Special Issue

# Deep Learning for Remote Sensing Data

### Message from the Guest Editors

This Special Issue on “Deep Learning for Remote Sensing Data” aims to capture recent advances and trends in exploiting deep learning for complex remote sensing data analysis tasks. The Special Issue welcomes contributions towards both theoretical advancements of the deep learning framework in the context of remote sensing, as well as application of this technology to remote sensing data. The topics of interest include but are not limited to:

- Deep learning for remote sensing image processing, e.g., pan-sharpening, super-resolution;
- Remote sensing data analysis with deep learning;
- Specialized network architectures and deep learning algorithms for remote sensing data;
- Transfer learning and cross-domain learning;
- Real and synthetic remote sensing data generation;
- Multimodality data fusion with deep models;
- Pixel-level and subpixel-level classification, e.g., hyperspectral unmixing, segmentation.

---

### Guest Editors

Prof. Ajmal Mian

Prof. Dr. Jun Zhou

Dr. Naveed Akhtar

Prof. Dr. Pedram Ghamisi

Prof. Dr. Antonio Robles-Kelly

Prof. Dr. Tat-Jun Chin

---

### Deadline for manuscript submissions

closed (31 October 2021)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/35772](https://mdpi.com/si/35772)

*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 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.

---

### 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

---

### 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)