

## Special Issue

# Geospatial Big Data and AI/Deep Learning for the Sustainable Planet

### Message from the Guest Editors

Geospatial big data and AI/deep learning provide a new means for researching the Earth's surface at a variety of scales. Different from conventional geospatial small data, geospatial big data is characterized by its higher resolution in both space and time and individual-based rather than aggregated and can therefore be studied in its entirety rather than samples. It is these unique properties of big data that have further empowered AI or deep learning in various fields. Any submissions that touch one or two of the keywords listed below will be welcome.

Keywords: Remote Sensing Big Data, Social Media Big Data, Nighttime Imagery, Artificial Intelligence, Deep Learning, Land Use Changes, Climate Change, Sustainability, Living Structure, City Structure and Dynamics, Head/tail Breaks, Natural Cities, and the Scaling Law

---

### Guest Editors

Prof. Dr. Bin Jiang

Prof. Dr. Qingfeng (Gene) Guan

Prof. Dr. Songnian Li

---

### Deadline for manuscript submissions

closed (30 September 2024)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/145634](https://mdpi.com/si/145634)

*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)