

## Special Issue

# Multi-Sensor Systems and Data Fusion in Remote Sensing

### Message from the Guest Editors

The remote sensing of today is developing rapidly. It includes emergence of new sensors, development of sophisticated platforms for mounting those sensors, as well as advances in signal and data processing. The mentioned sensors, however, still have their limitations. Utilization of multi-sensor systems and joint signals or data processing can overpass them due to a synergy effect. A large influx of data in contemporary multi-sensor systems poses new challenges for the data fusion algorithms which must often employ the newest techniques and concepts. We invite you to submit theoretical or application-oriented papers presenting new developments including, but not limited to the following topics: Multi-sensor remote-sensing systems; Unconventional multi-sensor solutions; Spatially distributed networks of sensors; Distributed signal and data processing; Multi-sensor data fusion on raw data level, feature level and decision level; Statistical estimation in remote sensing; Artificial intelligence in remote sensing; Big data processing in remote sensing; Machine learning in remote sensing.

### Guest Editors

Prof. Dr. Piotr Kaniewski

Prof. Dr. Mateusz Pasternak

Dr. Stefano Mattoccia

### Deadline for manuscript submissions

closed (30 June 2021)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.2  
CiteScore 8.3



[mdpi.com/si/48256](https://mdpi.com/si/48256)

*Remote Sensing*  
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 4.2  
CiteScore 8.3



[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)