

## Special Issue

# Advances in Hyperspectral Data Exploitation

### Message from the Guest Editors

The aim of this Special Issue is to publish new ideas and findings in hyperspectral data exploitation. Specifically, the following areas are of particular interest.

- Developing new ideas and techniques: Anomaly detection, subpixel target detection; Band selection, dimensionality reduction, data compression; Compressive sensing; Low rank and sparse representation; Unsupervised learning, active learning, deep learning; Data/sensor/information fusion; Endmember finding, extraction, variability; High performance computing; Hyperspectral image classification; Hyperspectral unmixing;
- Algorithm design, architecture, and implementation: Real-time processing; Parallel processing; GPU/FPGA;
- Applications of hyperspectral imaging: Agriculture including detection of diseases, pesticide residuals for produces and crops; Environmental monitoring including toxic wastes, water pollution, oil spills, and sewage; Forest and plantation including species detection and classification.

### Guest Editors

Prof. Dr. Chein-I Chang

Prof. Dr. Meiping Song

Dr. Chunyan Yu

Dr. Yulei Wang

Dr. Haoyang Yu

Prof. Dr. Jiaojiao Li

et al.

### Deadline for manuscript submissions

closed (30 June 2022)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/39943](https://mdpi.com/si/39943)

*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)