

## Special Issue

# New Trends on Remote Sensing Applications to Mineral Deposits-II

### Message from the Guest Editors

In recent years, we have observed increasing applications to non-traditional geological deposits such as diamond, bauxite, evaporite minerals, lithium, and rare earth elements (REEs), due to current paradigm shifts in global decarbonization and related technological advances that lead to a higher demand for critical raw materials. Simultaneously, we have seen a growing integration of geological/geophysical and remote sensing data, often using non-parametric methods such as machine- and deep-learning algorithms.

Therefore, in this Volume II Special Issue of Remote Sensing, we are looking for innovative remote sensing approaches that make use of new remote sensing data and/or machine- and deep-learning algorithms for non-traditional mineral deposits, welcoming works focusing on multi-data integration. Ultimately, the goal is to publish any research studies that can contribute to the current state of the art, and that may help to assess the challenges and potentials of new applications in the field of geological remote sensing.

---

### Guest Editors

Dr. Joana Cardoso-Fernandes

Dr. Ana Cláudia Teodoro

Dr. Alexandre Lima

---

### Deadline for manuscript submissions

closed (20 April 2025)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/141655](https://mdpi.com/si/141655)

*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)