

## Special Issue

# Airborne Electromagnetic Surveys

### Message from the Guest Editors

Airborne geophysical devices are being increasingly applied to quickly investigate large areas of subsurface at relatively low costs. From the most common airborne methods currently used, airborne electromagnetics (AEM) contributes most to high-resolution spatial subsurface investigations. AEM links areal remote sensing applications with local in-situ measurements. As the principal parameter investigated, the electrical conductivity, depends on various sources such as pore water salinity, clay content, or metals, AEM can be used for groundwater, soil, or mineral exploration studies. We are interested in receiving high quality submissions that use large-scale AEM surveys to study the subsurface conductivity distribution and further applications derived from AEM results. In particular, we are looking for contributions that combine multiple parameters to investigate the near surface. We are also interested in receiving submissions that use modern interpretation techniques such as cluster analyses and neuronal networks or further machine learning applications.

---

### Guest Editors

Dr. Bernhard Siemon

Federal Institute for Geosciences and Natural Resources

Dr. Annika Steuer

Federal Institute for Geosciences and Natural Resources

Dr. Andrea Viezzoli

Aarhus Geophysics, I-GIS Voldbjergvej, 14A, 1, sal - 8240, Risskov, Denmark

---

### Deadline for manuscript submissions

closed (31 July 2021)



## Remote Sensing

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.1  
CiteScore 8.6



[mdpi.com/si/40553](https://mdpi.com/si/40553)

*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)