



an Open Access Journal by MDPI

## Applications of Remote Sensing in Earth Observation and Geo-Information Science

Guest Editors:

**Dr. Hamdi A. Zurqani**

Arkansas Agricultural Experiment Station, Arkansas Forest Resources Center, University of Arkansas, Monticello, AR 71655, USA

**Dr. Christopher Post**

Professor of Environmental Information Science, Forestry and Environmental Conservation Department, Clemson University, Clemson, SC 29634, USA

Deadline for manuscript submissions:

**15 October 2024**

### Message from the Guest Editors

We invite authors to submit their work on applications that use remotely sensed data for earth observation and geo-information science. We encourage the submission of works related to the use of methods and applications for natural resource and environmental monitoring with a wide range of optical and radar remote sensing materials. Topics considered for this Special Issue should emphasize practical applications and reach beyond theoretical and model-based studies. Suggested topics include, but are not limited to, the following:

- Cloud Computing and Big Data Analysis (i.e., Google Earth Engine)
- Machine and Deep Learning for Earth Observation Analysis
- Multi-Sensor and Multi-Resolution Data Analysis
- Environmental Change Detection of a Global and Regional Scale
- Land Use and Land Cover Change Monitoring and Assessments
- Monitoring of Deforestation and Forest Degradation
- Monitoring and Assessment of Urban Growth Patterns
- Water Resources Modeling and Monitoring
- Natural Hazards Mapping and Monitoring
- Climate Change Impact Assessment



[mdpi.com/si/76078](https://mdpi.com/si/76078)

# Special Issue



an Open Access Journal by MDPI

## 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

## 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.

## 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)

## Contact Us

---

*Remote Sensing* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/remotesensing](http://mdpi.com/journal/remotesensing)  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)  
[X@RemoteSens\\_MDPI](https://twitter.com/RemoteSens_MDPI)