

Special Issue

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

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

Guest Editors

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Deadline for manuscript submissions

closed (30 May 2025)



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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.

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