

Special Issue

Current Trends Using Cutting-Edge Geospatial Remote Sensing

Message from the Guest Editors

This Special Issue, calls for manuscripts that demonstrate the current trends and successful applications of geospatial remote sensing in various fields. We welcome: papers presenting recent methodological innovations or success stories in applying the latest geospatial remote sensing techniques, and reviews summarizing and delineating cutting-edge geospatial remote sensing techniques in various fields. The topics of interest include, but are not limited to:

- Advanced AI techniques for remote sensing applications;
- Classification, object recognition, object modelling, time-series analysis, and change detection using geospatial remote sensing;
- Frontier remote sensing applications in agriculture, forestry, hydrology, oceanology, geography, land use/land cover, natural disaster, environmental monitoring, etc.;
- Three-dimensional remote sensing and Earth surface modelling;
- Big data in remote sensing;
- Remote sensing data processing;
- Integration of cutting-edge techniques, such as AI, VR/AR reality, Internet of Things (IoT), edge computing, blockchain, etc.;

Guest Editors

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Deadline for manuscript submissions

closed (20 February 2026)



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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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