Special Issue

Remote Sensing Applications for Environmental Monitoring and Land Changes

Message from the Guest Editors

This Special Issue invites original research and review papers that explore the latest advancements in AI-driven remote sensing, multi-sensor data fusion, and environmental monitoring applications. Research areas may include (but not limited to) the following:

- Satellite and UAV-based remote sensing for environmental assessment;
- Machine learning and deep learning applications in land-use change detection;
- Hyperspectral and multispectral imaging for vegetation, soil, and water quality monitoring;
- LiDAR and radar remote sensing for topographic and landscape changes;
- Climate change impacts on land cover as observed through remote sensing;
- Urban expansion and land degradation mapping using remote sensing techniques;
- Integration of remote sensing with GIS and geostatistical modeling;
- Novel approaches in remote sensing data fusion for multi-scale environmental monitoring;
- Policy-driven applications of remote sensing in sustainable land management.

This Special Issue will bridge technological advancements with real-world applications in remote sensing for environmental sustainability.

Guest Editors

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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

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