Special Issue

Remote Sensing Applications in Land Cover Changes and Associated Environmental Effects: Progress, Challenges, and Opportunities

Message from the Guest Editors

Satellite remote sensing technology has emerged as a powerful tool for monitoring the dynamics of land cover changes at various scales and exploring the mechanisms behind them. However, current research based on remote sensing still exhibits some discrepancies, and the associated monitoring and analysis methods present challenges. This Special Issue aims to collect the latest advancements in remote sensing technologies and products for land cover change research and identify the impacts of human activities and climate change using various remote sensing techniques. The main areas include (but are not limited to) the following:

- Land cover changes in forests, grasslands, and urban areas;
- Vegetation degradation and biomass;
- Integrating remote sensing with other data sources for land cover change analysis;
- The impact of urbanization on environmental and climate change;
- The impacts of human activities and climate change on land cover change.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2025)

Remote Sensing

an Open Access Journal by MDPI

Impact Factor 4.1
CiteScore 8.6

mdpi.com/si/204650

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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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