



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

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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.





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Message from the Editor-in-Chief

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