Special Issue

Remote Sensing in Monitoring and Modelling the Patterns and Processes of Land System Change

Message from the Guest Editors

The ability of remote sensing to capture a wide range of spatial and temporal information has become a powerful tool for advancing our understanding of land system dynamics. A more profound comprehension of the state, trajectory and consequences of land system changes is essential for understanding the dynamic nature of land systems and revealing their impacts on ecosystem services and human well-being. This Special Issue focuses on novel approaches and applications in utilizing remote sensing and social sensing for monitoring and modeling the patterns and processes of land system change. Topics include, but are not limited to:

- Remote sensing applications for mapping land use and land cover changes;
- Advancements in satellite imagery for deforestation and afforestation monitoring;
- Combining remote sensing with geospatial analysis for ecological restoration studies;
- Artificial intelligence techniques in analyzing remote sensing data for land system modeling;
- Analyzing the characteristics of social-ecological system by incorporating remote sensing data and crowd-sourced social sensing data

Guest Editors

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Deadline for manuscript submissions

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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.

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