Special Issue

Assessing Land Subsidence Using Remote Sensing Data

Message from the Guest Editors

The Special Issue aims to advance our understanding of the use of remote sensing technologies for monitoring and quantifying land subsidence and its impacts on human societies and ecosystems. We welcome original research articles, reviews, and perspectives that cover various aspects of remote sensing for land subsidence assessment, from the theoretical basis to practical applications. Topics of interest include, but are not limited to:

- Advances in remote sensing technologies for the assessment of land subsidence;
- Methodologies for processing and analyzing remote sensing data for subsidence mapping and monitoring;
- Integration of multiple remote sensing techniques for accurate and efficient subsidence assessment;
- Machine learning and other advanced data analysis techniques for subsidence detection and prediction;
- Case studies of subsidence assessment using remote sensing in various regions and contexts;
- Mitigation planning and management based on remote sensing assessments;
- Challenges and opportunities for the future of remote sensing in the assessment of land subsidence.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2025)

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About the Journal

Message from the Editor-in-Chief

Land is the only open access journal covering all aspects of land science, and it is a pioneering platform for publishing on land system science. Our editorial board is comprised of eminent scholars. We publish high quality research on societally relevant, emerging and innovative topics and results in land system research. It is now one of the top land journals with a significant impact factor, and has a goal to become the best journal in land in the coming years. I strongly recommend Land for your best research publications for a fast dissemination of your research.

Editor-in-Chief

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