

## Special Issue

# Interpretation and Attribution of Land Subsidence: A Remote Sensing and Machine Learning Perspective

### Message from the Guest Editors

This Special Issue seeks to explore the integration of cutting-edge remote sensing techniques, such as InSAR, optical satellite imagery, LiDAR, and UAV-based surveys, with machine learning algorithms for the identification, interpretation, and prediction of land subsidence patterns. Papers that focus on novel approaches to subsidence detection, the attribution of causes, and predictive modeling are highly encouraged. Additionally, submissions exploring the potential of machine learning for data fusion, anomaly detection, and the development of automated subsidence monitoring systems are welcome. We invite contributions that present advancements in algorithms, methodologies, and applications, particularly those demonstrating case studies of subsidence in urban, agricultural, coastal, and mining regions. By understanding the drivers and consequences of land subsidence through an integrated remote sensing and machine learning approach, this Special Issue aims to provide valuable insights into effective mitigation strategies and policy recommendations.

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### Guest Editors

Prof. Dr. Alex Hay-Man Ng

Prof. Dr. Linlin Ge

Dr. Hsing-Chung Chang

Dr. Zheyuan Du

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### Deadline for manuscript submissions

1 March 2026



## Remote Sensing

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*Remote Sensing*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[remotesensing@mdpi.com](mailto:remotesensing@mdpi.com)

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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.

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### Editor-in-Chief

Dr. Prasad S. Thenkabail

Senior Scientist (ST), U. S. Geological Survey (USGS), USGS Western Geographic Science Center (WGSC), 2255, N. Gemini Dr., Flagstaff, AZ 86001, USA

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