

## Special Issue

# Advancements in Remote Sensing and Artificial Intelligence for Geohazards

### Message from the Guest Editors

Geohazards frequently cause significant human and economic losses worldwide, presenting persistent challenges to social and urban sustainability. It is of great urgency to accurately, timely, and effectively evaluate, prevent, and control geohazards and to clearly understand their evolutionary characteristics, trends, and rules. With the rapid development of remote sensing (RS), along with the success of artificial intelligence (AI), they have increasingly become vital technologies for geohazard perception, cognition, prediction, and so on. Correspondingly, we have also witnessed more effective prevention and controlling of various types of geohazards, as well as significant decreases in social and economic losses from such phenomena. It is necessary to deeply explore and greatly facilitate the application of remote sensing in AI in geohazards so that we may overcome the difficulties caused by geohazards. This Special Issue aims to gather studies covering the applications of and advancements in RS and AI for all types of geohazards. Multisource RS data, state-of-the-art AI algorithms, and manifold geohazard prevention services, among other issues, are welcome.

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### Guest Editors

Prof. Dr. Xianmin Wang

Dr. Omid Ghorbanzadeh

Prof. Domenico Calcaterra

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### Deadline for manuscript submissions

closed (31 October 2024)



## Remote Sensing

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CiteScore 8.6



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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

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