Special Issue

Advances in Monitoring and Detection of Geohazards in Urban Areas Using Remote Sensing

Message from the Guest Editors

Geohazards such as landslides, earthquakes, and floods have caused significant damage to urban areas around the world, affecting both the environment and human lives. Remote sensing techniques have proven to be an effective tool for monitoring and detecting these geohazards, providing valuable information for disaster risk management and urban planning. This Special Issue aims to present recent advances in remote sensing technologies and methodologies for geohazard monitoring and detection in urban areas. We invite original research articles, reviews, and case studies that address the following themes:

- Innovative remote sensing technologies and methodologies for geohazard monitoring and detection in urban areas;
- The integration of multiple remote sensing data sources (e.g., optical, radar, LiDAR) for geohazard mapping and analysis;
- Machine learning and deep learning approaches for geohazard detection and classification using remote sensing data;
- Urban resilience and disaster risk reduction strategies based on remote sensing information;
- Case studies of geohazard monitoring and detection in urban areas using remote sensing techniques.

Guest Editors

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Deadline for manuscript submissions

closed (15 November 2024)

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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.

Editor-in-Chief

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