

## Special Issue

# Empowering Disaster Management with Remote Sensing and Social Sensing Advances

### Message from the Guest Editors

This Special Issue seeks solutions integrating advanced Remote Sensing, Social Sensing and GIS in disaster management for sustainability considering spatial-temporal information aspects. We invite contributions that share novel remote sensing, social sensing, and GIS methods or applications across the entire cycle of disaster managements, i.e., preparedness, response, recovery, and mitigation. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following:

- Reviews or discussions of remote sensing, social sensing, or GIS applications in disaster management;
- Innovative remote sensing techniques for disaster management, e.g., target extracting, land use/land cover classification, surface parameters quantitative retrieval, etc.;
- Revealing human behaviors through social sensing and geospatial big data;
- GIS based evaluation of disaster vulnerability, resilience, and risk;
- Frameworks, systems, or cyberinfrastructures integrating Remote Sensing, Social Sensing and GIS for disaster management;
- Case studies of disaster management, such as spatial planning, monitoring, modeling, evaluating, predication, etc.

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### Guest Editors

Dr. Zhihua Wang

Dr. Lei Zou

Dr. Yi Qiang

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### Deadline for manuscript submissions

closed (31 December 2023)



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

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### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

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