

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.

Guest Editors

Dr. Zhihua Wang

Dr. Lei Zou

Dr. Yi Qiang

Deadline for manuscript submissions

closed (31 December 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



mdpi.com/si/125999

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,
Columbus, OH 43210, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)