



## Geotechnical Disaster Risk Mitigation and Sustainable Development in Complex Geo-Environment

Guest Editors:

**Dr. Guang-Liang Feng**

**Prof. Dr. Changdong Li**

**Prof. Dr. Honghu Zhu**

**Dr. Guo-Feng Liu**

Deadline for manuscript  
submissions:

**closed (20 October 2023)**

### Message from the Guest Editors

This Special Issue will have an overarching focus on new theories, methods, and techniques that have been developed to analyze the deformation mechanisms and monitor, warn, and mitigate geotechnical disasters in complex geo-environments. The papers included in this Special Issue can help us to exchange ideas on how to make the construction of geotechnical engineering projects more sustainable and disaster-proofing. Specific subtopics include but are not limited to the following:

- Geotechnical disaster detection
- Mechanisms and deformation analysis of geotechnical hazard
- Geotechnical disaster risk analysis, assessment, and management
- Geotechnical disaster monitoring, warning, and risk mitigation
- Emergency management and post-disaster reconstruction
- Geotechnical catastrophes and environmental sustainability
- Lessons related to field geotechnical disaster and sustainable post-disaster reconstruction





an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Steve W. Lyon**

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

## 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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

## 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](#), [CAPlus / SciFinder](#), and [other databases](#).

**Journal Rank:** JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

## Contact Us

---

*Sustainability* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/sustainability](http://mdpi.com/journal/sustainability)  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)  
[X@Sus\\_MDPI](#)