



## Geo-Hazards and Risk Reduction Approaches

Guest Editors:

**Dr. Stefano Morelli**

Department of Earth Sciences,  
University of Firenze, Firenze  
50121, Italy

**Dr. Veronica Pazzi**

Department of Earth Sciences,  
University of Firenze, 50121  
Firenze, Italy

**Dr. Ping Lu**

College of Surveying and Geo-  
Informatics, Tongji University,  
Shanghai 200092, China

Deadline for manuscript  
submissions:

**closed (30 June 2022)**

### Message from the Guest Editors

Dear Colleagues,

This Special Issue comprises selected original papers inherent to the analysis of different types of geological hazards, vulnerability domains, exposure to disaster risk, and risk reduction strategies, including structural and nonstructural methodologies such as plans, behavioral procedures, early warning systems, and more. Traditional approaches are accepted, but innovative and sustainable techniques are also encouraged in the field of spaceborne, aerial, and ground-based activities, even in combination with the objective effects of climate change. Numerical and experimental investigations and case-studies addressing the above key topics are welcome. Such a Special Issue is expected to contribute to progress in the field of responsible geological disaster risk mitigation for human beings and their artifacts.

Dr. Stefano Morelli

Dr. Veronica Pazzi

Prof. Ping Lu

*Guest Editors*





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](https://twitter.com/Sus_MDPI)