



Civil and Hydraulic Engineering Safety

Guest Editors:

Dr. Rui Pang

Dr. Yantao Zhu

Dr. Binghan Xue

Dr. Xiang Yu

Deadline for manuscript
submissions:

closed (31 January 2023)

Message from the Guest Editors

Many civil and hydraulic engineering structures are built for the development of society and the economy. In addition, these engineering structures are large and complicated and include tall buildings, bridges, dams, subway systems, roads, railways, tunnels, ocean platforms, airports, etc. Thus, the safety of these large engineering structures is particularly important when it comes to normal engineering operations. This Special Issue focuses on the safety of civil and hydraulic structures. We would like to invite you to submit your research paper to this Special Issue. Suitable topics include, but are not limited to, the following:

- (1) Numerical simulation;
- (2) Material properties
- (3) Reliability analysis;
- (4) Risk analysis;
- (5) Seismic analysis;
- (6) Safety precautions;
- (7) Safety monitoring;
- (8) Safety operation;
- (9) Safety evaluation methods;
- (10) Safety management.

All aspects related to civil and hydraulic engineering safety are included and can be submitted to this Special Issue.





an Open Access Journal by MDPI

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

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.

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

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

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)