



Sustainable Civil Engineering Structures and Construction Materials

Guest Editors:

Dr. Md Rajibul Karim

UniSA STEM, University of South
Australia, Mawson Lakes, SA
5095, Australia

Prof. Dr. Md. Mizanur Rahman

UniSA STEM (Science,
Technology, Engineering and
Mathematics), University of South
Australia, Mawson Lakes, SA
5095, Australia

Dr. Khoi Nguyen

UniSA STEM, University of South
Australia, Mawson Lakes, SA
5095, Australia

Deadline for manuscript
submissions:

closed (15 August 2023)

Message from the Guest Editors

Fueled by an improved understanding of fundamental material behavior, design tools and techniques are being developed for a safer and more economical design of different structures. Improved computing capacity enables simulations of scenarios that were not previously possible, aiding the development of important insights into the behavior of structures from micro- to macro-level. Advanced laboratory equipment allows better replication of the field conditions.

In the light of these recent developments, this Special Issue invites original submissions and review articles covering some of the recent advances in any aspect of sustainable civil engineering design and construction practices from theoretical, experimental or numerical perspectives.

Topics may include but are not limited to:

- Case studies and field observations;
- Numerical modelling of civil engineering processes;
- Material behavior—experimental or numerical studies;
- Climate change and future challenges;
- Resilience of civil engineering structures;
- Soil–structure or soil–atmospheric boundary interaction;
- Offshore structures;
- et al.





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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)