

## Special Issue

# Advances in Sustainable Building and Construction Materials and Structures

### Message from the Guest Editors

Due to accelerated global modernization and its deteriorated environmental values, sustainability has long been demanded and promoted in numerous aspects of construction industries. Contributions covering physical, experimental, theoretical, computational, or field studies that inspire new advances in the sustainability of construction areas, including those filling the gap between theories and applications are encouraged. In this Special Issue, both original research articles and reviews are invited. Research fields may include, but are not limited to, the following themes:

Recycling and repurposing waste material;  
Sustainable materials and structures;  
Eco-friendly materials and structures;  
Innovative materials and structures;  
High-performing materials and structures;  
Energy-efficient materials and structures;  
Waste-to-wealth;  
Green construction;  
Sustainable resource;  
Renewable resource;  
Prefab, modular, and industrialized constructions;  
Circular construction;  
Design for manufacture and assembly;  
Intelligent model and computation;  
Analysis, design, and optimization methods;  
Building information modeling (BIM).

---

### Guest Editors

Dr. Ahmad Beng Hong Kueh

Dr. Nur Hafizah Binti Abd Khalid

Dr. Jamilu Usman

---

### Deadline for manuscript submissions

closed (10 December 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/146944](https://mdpi.com/si/146944)

*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto: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. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario  
Institute of Technology, Oshawa, ON L1G 0C5, Canada

---

### 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)