

## Special Issue

# Sustainable Construction Materials and Technology

### Message from the Guest Editors

The consumption of resources at a higher rate than they are replenishing can lead to the unavailability of those resources for future generations. In particular, the construction sector is a major contributor to resource consumption due to the increasing demand for the construction of buildings and infrastructure. To effectively increase the efficiency of resource use and to reduce negative environmental impacts, the materials and methods of the construction sector should be sustainably sourced and operated in order to reduce negative impacts during the lifecycle of the construction projects. This includes reducing the energy use and carbon emissions of processing materials, efficient construction methods to minimize energy consumption, the utilization of renewable energy technologies and waste minimization in construction. The present Special Issue will explore the recent progress, current thinking and challenges in sustainable materials and technologies towards the development of a sustainable construction industry.

---

### Guest Editors

Dr. Sayanthan Ramakrishnan

Dr. Sathees Nava

Dr. Kirubajiny Pasupathy

---

### Deadline for manuscript submissions

closed (28 February 2023)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/113885](https://mdpi.com/si/113885)

*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)