



Sustainable Construction Materials and Technology

Guest Editors:

Dr. Sayanthan Ramakrishnan

Centre for Sustainable
Infrastructure, FSET, Swinburne
University of Technology,
Hawthorn, VIC 3122, Australia

Dr. Sathees Nava

Department of Civil and
Infrastructure Engineering,
School of Engineering, RMIT
University, Swanston Street,
Melbourne, VIC 3001, Australia

Dr. Kirubajiny Pasupathy

School of Engineering, Centre for
Sustainable Infrastructure and
Digital Construction, Swinburne
University of Technology,
Hawthorn, VIC 3122, Australia

Deadline for manuscript
submissions:

closed (28 February 2023)

Message from the Guest Editors

Dear Colleagues,

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.





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)