

Special Issue

Sustainability of Building Materials and Civil Engineering Materials

Message from the Guest Editors

The construction and building industry are one of the world economy's largest sectors, but also one of the largest contributors to environmental disruption and pollution. Therefore, the sector must shift towards sustainable. Firstly, the embedded footprint of the building and civil engineering materials encompasses extraction, manufacturing, construction, maintenance, and disposal. Hence, the replacement of raw materials by residues in a circular economy approach, reduce energy intensity, wastes, and emissions, or a longer service life may with easier recyclability are areas that hold enormous potential as solutions for lowering environmental impacts. Secondly, these construction materials highly influence the operation of buildings and infrastructures. Thus, improvements related to thermal isolation, hygroscopic behavior, or mechanical response, among others, can help engineers to reduce energy consumption, living discomfort, or the size of structures. For these reasons, this Special Issue is aimed to show the most relevant advances related to building and civil engineering materials from the perspective of a more environmentally friendly footprint.

Guest Editors

Prof. Dr. Pedro Muñoz-Velasco

Escuela Superior de Ingeniería y Tecnología (ESIT), Universidad Internacional de La Rioja, 26006 Logroño, Spain

Dr. Viviana C. Letelier Gonzalez

Facultad de Ingeniería y Ciencia, Universidad de La Frontera, 478000 Temuco, Chile

Deadline for manuscript submissions

closed (30 July 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



mdpi.com/si/152134

Sustainability

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

[mdpi.com/journal/
sustainability](https://mdpi.com/journal/sustainability)





Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8



[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, AGRIS, RePEc, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1
(Geography, Planning and Development)