

## Special Issue

# Sustainable Building Materials and Energy-Efficient Buildings

### Message from the Guest Editors

Topics of interest for publication include, but are not limited to:

- Innovative and emerging bio-based, recycled, and waste-based building materials
- Improvement of mechanical, physical, thermal performances of building materials
- Durability of Bio-aggregate based building materials
- Circular economy strategies for building sustainability
- Life cycle sustainability assessment of building materials and technologies
- Innovative technologies for low energy buildings
- Advances in material and technology research and engineering
- Eco-design and bioclimatic approach for buildings
- Technical synergic solutions for improving thermal inertia, indoor thermal comfort and energy performance of massive and lightweight existing buildings
- Active and passive strategies for designing high-energy efficient buildings
- Zero energy buildings and passive houses
- New approaches to sustainable production and building construction
- Innovative procedures to assess building and construction materials' sustainability

---

### Guest Editors

Dr. Francesco Nocera

Prof. Rosa Giuseppina Caponetto

Dr. Giada Giuffrida

Mr. Maurizio Detommaso

---

### Deadline for manuscript submissions

closed (31 July 2021)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.8



[mdpi.com/si/63191](https://mdpi.com/si/63191)

*Sustainability*  
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 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)