

## Special Issue

# Sustainable Built Environment: From Theory to Practice

### Message from the Guest Editors

The built environment plays a crucial role in addressing climate change, resource scarcity, and social inequality. Urban expansion, infrastructure demand, and the environmental and social impacts of construction and land use are growing concerns. As a major contributor to global greenhouse gas emissions, the built environment also influences public health, resource access, and quality of life—making it a key area for sustainable transformation. While sustainability is well-represented in theory, applying it in architecture, engineering, and urban planning remains challenging. This Special Issue, *Sustainable Built Environment: From Theory to Practice*, aims to bridge this gap by showcasing interdisciplinary, innovative approaches that translate sustainability goals into action at building, neighborhood, and city levels. We welcome original research, reviews, case studies, and methodological papers that address low-carbon materials, energy-efficient design, green infrastructure, lifecycle assessment, smart cities, and community-based planning—highlighting how sustainability is being designed, implemented, and measured in real-world contexts.

### Guest Editors

Dr. Pinar Mert Cuce

College of Built Environment, Faculty of Computing, Engineering and Built Environment, Birmingham City University, Birmingham B4 7XG, UK

Dr. Erdem Cuce

Department of Mechanical Engineering, Faculty of Engineering and Architecture, Recep Tayyip Erdogan University, Rize 53100, Turkey

### Deadline for manuscript submissions

31 July 2026



## Sustainability

an Open Access Journal  
by MDPI

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/246747](https://mdpi.com/si/246747)

*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)