

## Special Issue

# Building Information Modeling and Technology Applications in Construction

### Message from the Guest Editors

The construction industry is experiencing a transformative shift driven by the integration of advanced technologies and methodologies such as Building Information Modeling (BIM) to enhance building performance, particularly, in terms of efficiency, sustainability, and collaboration across all lifecycle phases of construction projects. In this Special Issue, we encourage submissions covering a wide range of topics related to BIM and technology applications in construction, including but not limited to the following:

- Integration of BIM with other advanced technologies such as the Internet of Things (IoT), augmented reality (AR), virtual reality (VR), artificial intelligence (AI), and blockchain;
- BIM for sustainability and green building practices;
- Cost and time optimization using BIM;
- BIM in design and collaborative practices;
- Digital twins and smart construction;
- Regulatory and standardization aspects in promoting BIM adoption;
- Successful BIM implementations and adoption in construction projects;
- Challenges and future directions.

We look forward to receiving your contributions.

---

### Guest Editors

Prof. Dr. Mohammad Najjar

Polytechnic School, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil

Prof. Dr. Assed Naked Haddad

Programa de Engenharia Ambiental, Escola Politécnica, Universidade Federal do Rio de Janeiro, Rio de Janeiro 21941-901, Brazil

---

### Deadline for manuscript submissions

21 August 2026



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/213804](https://mdpi.com/si/213804)

*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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

---

## 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, CAPlus / SciFinder, and other databases.

### Journal Rank:

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