

## Special Issue

# Building Information Modeling and Sustainability Practices in Construction Projects

### Message from the Guest Editors

The construction sector is considered to be one of the main sources of environmental pollution in the world. It has massive direct and indirect effects on the environment. Recently, building information modeling (BIM) is becoming widely used in the construction industry. BIM has already demonstrated its value in terms of the time, cost and quality of project delivery and is also proving its value in the operation and use phase of the built asset life-cycle. Using BIM, a virtual building can be constructed to analyse its feasibility and facilitate its construction but also help to reduce waste and optimise energy use. The objective of this Special Issue is to disseminate the latest high quality and interdisciplinary research in using integrated digital delivery technologies, workflows and processes to achieve the sustainable design, construction and operation of built assets. This Special Issue seeks to present the latest developments in BIM and sustainability towards achieving sustainable construction practices that align with UN sustainable goals.

---

### Guest Editors

Prof. Dr. Mohamed Marzouk

Prof. Dr. David Greenwood

Prof. Dr. Emad Elbeltagi

Dr. Noha Saleeb

---

### Deadline for manuscript submissions

closed (30 June 2022)



## Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/85848](https://mdpi.com/si/85848)

*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)