

## Special Issue

# Integration of Digital Strategies and Methods to Support Sustainability in the Built Environment

### Message from the Guest Editor

To achieve the green transition of the built environment, many countries have developed various strategies and methods aiming to improve the sustainability and life-cycle performance of constructions. In addition to the green transition, the digital transition meaningfully affects the construction sector and highlights complex challenges in the transformation of the built environment. This Special Issue is focused on novel developments in the field of the different integration methods for digitalization and sustainability within the broader scope of the socio-economic, scientific, and integrated approaches to sustainable development. Original research articles and reviews are welcome in this Special Issue. Research areas may include (but are not limited to) the following:

- BIM-based innovations and sustainability
- Technological innovations for sustainability
- Building performance simulation
- Digital technologies and lean construction;
- Life cycle assessment (LCA) and/or life-cycle cost (LCC)
- Building certification/sustainability assessments
- Tool development and parametric scripting
- Automation and robotics

---

### Guest Editor

Dr. Stefano Cascone

Department of Architecture and Territory, Mediterranean University of Reggio Calabria, 89124 Reggio Calabria, Italy

---

### Deadline for manuscript submissions

closed (31 March 2024)



Sustainability

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 7.7



[mdpi.com/si/165471](https://mdpi.com/si/165471)

*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)