



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

Guest Editor:

Dr. Stefano Cascone

Department of Architecture and
Territory, Mediterranean University
of Reggio Calabria, Via
dell'Università n. 25, 89124
Reggio Calabria, Italy

Deadline for manuscript
submissions:

closed (31 March 2024)

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





an Open Access Journal by MDPI

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

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.

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](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Environmental Studies*) / CiteScore - Q1 (*Geography, Planning and Development*)

Contact Us

Sustainability Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](#)