

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

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Deadline for manuscript submissions

closed (31 March 2024)



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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

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