

Special Issue

Cutting-Edge Research in the Building Information Modelling (BIM) Application for Sustainable Construction

Message from the Guest Editors

The technological revolution has affected every aspect of the construction industry, with a consequent impact on services, production processes, and the supply chain, as well as on the collection, use, and management of information. The keywords for this digital revolution include reliable data management in real environments, digital collaboration, and intelligent objects. Despite recent digital transformation, the construction sector is one of the main fields responsible for energy consumption and greenhouse gas emissions. Thus, it is vital to identify new strategies, in the form of methods and tools, that can foster sustainability. Original research and reviews on the following subjects, among others, are welcome:

- Building information modelling (BIM);
- Digital twins;
- Semantic web for information management;
- Advancements in technology for sustainability;
- Blockchain;
- BIM-based building process management;
- BIM-based solution for operation and maintenance;
- Digital building logbooks;
- Building passports;
- Product lifecycle management;
- Lean construction.

We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Sonia Lupica Spagnolo

Politecnico di Milano, Department of Architecture, Built Environment and Construction Engineering, Via G. Ponzio 31, 20133 Milan, Italy

Prof. Dr. Alberto Pavan

Department of Architecture, Built Environment and Construction Engineering, Politecnico di Milano, 20133 Milan, Italy

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

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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

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