





an Open Access Journal by MDPI

BIM and Sustainable Construction Management

Guest Editors:

Dr. Farzad Jalaei

Construction Research Center, National Research Council Canada, Government of Canada, 1200 Montreal Road, M-20, Ottawa, ON K1A 0R6, Canada

Dr. Jieying Jane Zhang

Engineering, Construction Research Centre, National Research Council Canada, Building M-20, 1200 Montreal Road, Ottawa, ON K1A 0R6, Canada

Dr. Ahmad Jrade

Department of Civil Engineering, University of Ottawa, Ottawa, ON K1N 6N5, Canada

Deadline for manuscript submissions:

closed (31 August 2023)

Message from the Guest Editors

Dear Colleagues,

I would like to invite you to submit your latest research contributions in the Special Issue "BIM and Sustainable Construction Management" . This Special Issue calls for original research and review papers around innovative methodologies, technologies, and best practices pertinent to the application of digital transformation such as building information modeling (BIM) in sustainable construction engineering and in the management of building and infrastructure projects.

- -BIM integrated with sustainable construction materials;
- -BIM integrated with sustainable database management systems;
- -BIM integrated with energy analysis and simulation;
- -BIM integrated with green building rating systems;
- -BIM integrated with Life cycle environmental impacts assessment (LCA);
- -BIM integrated with Geographical information system (GIS);
- -Road/ Bridge Information modeling (BrIM) integrated with sustainability practices;
- -Application of BIM into low carbon procurement practices;
- -Construction 4.0;
- -Project management through digital construction applications.

We look forward to receiving your contributions.









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 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