



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 Jade

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. Steve W. Lyon

School of Environment and
Natural Resources, Ohio State
University, Columbus, OH 43210,
USA

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.

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)

Contact Us

Sustainability Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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