



BIM-Based Life Cycle Sustainability Assessment for Buildings

Guest Editor:

Prof. Dr. Antonio Garcia-Martinez

Instituto Universitario de
Arquitectura y Ciencias de la
Construcción, Escuela Técnica
Superior de Arquitectura,
Universidad de Sevilla, 41012
Sevilla, Spain

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editor

Dear Colleagues,

Numerous current investigations try to analyze and evaluate building and construction alternatives, using different methodological approaches. However, the application of these tools and procedures generally consumes a large amount of time, energy and resources when applied to construction and building systems, mainly due to the qualitative and quantitative complexity of the building phenomenon. Fortunately, in recent years, the use of building information modeling (BIM) platforms have proven to be an innovative, useful and effective aid to the development of building assessments, especially in the process of calculating inventories, obtaining and visualizing results and, more recently, optimizing systems from the life cycle perspective. In order to present the current approaches and trends in this field and to show their practical applications, this Special Issue will compile a selection of research projects that use BIM platforms as a methodological basis and are carried out in the context of the environmental, economic and social assessment of construction, building and urban systems.





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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/sustainability
sustainability@mdpi.com
[X@Sus_MDPI](https://twitter.com/Sus_MDPI)