



BIM Methodology and Tools Development/Implementation

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Deadline for manuscript submissions:

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Message from the Guest Editors

This Special Issue aims to introduce and present these advancements to researchers, scientists, engineers, architects, contractors, owners, and other professionals interested in these topics.

We invite research studies, both theoretical and experimental, as well as review papers for submission to this Special Issue. Relevant topics include, but are not limited to, the following:

- BIM in architectural and structural design.
- BIM in infrastructure design and construction.
- BIM and construction management and engineering.
- BIM and Blockchain.
- Digital Twins.
- BIM and IoT.
- BIM and City Information Modeling (CIM).
- AI applications in a BIM environment.
- Role of BIM in sustainability and resilience.
- BIM, AI, and contracts in legal aspects.





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Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

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