

Advanced BIM Application in Construction and Buildings

Guest Editor:

Prof. Dr. Junbok Lee

IAARC Board Member,
Department of Architectural
Engineering, College of
Engineering, Kyung Hee
University, Yongin-si 17104,
Gyeonggi-do, Republic of Korea

Deadline for manuscript
submissions:

closed (20 March 2022)

Message from the Guest Editor

Dear Colleagues,

The Journal Buildings (ISSN 2075-5309, indexed in SCIE) currently promotes a plan to publish a special issue entitled “Advanced BIM Application in Construction and Buildings”.

The research themes of the special issue would be as the following:

- BIM based Design and Engineering Automation
- nD BIM Modelling and Construction Management
- ICT integrated Engineering and Management System
- BIM-assisted Building Energy modelling and Monitoring System
- Performance Evaluation of BIM Applications

Any other papers not included above but related to the subject are welcomed.

Dr. Junbok Lee

Guest Editor



Editor-in-Chief

Prof. Dr. David Arditi

Construction Engineering and
Management Program,
Department of Civil,
Architectural, and Environmental
Engineering, Illinois Institute of
Technology, 3201 South
Dearborn Street, Chicago, IL
60616, USA

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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Buildings Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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