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BIM Uptake and Adoption: New Perspectives

Guest Editors:

Prof. Dr. Jason Underwood
School of Science, Engineering and Environment, University of Salford, Salford M5 4WT, UK

Prof. Dr. Ümit Işikdağ
Department of Informatics, Mimar Sinan Fine Arts University, Istanbul 34427, Turkey

Dr. Alan Hore
Retired Head of Quantity Surveying, Technological University Dublin, D07 EWV4 Dublin, Ireland

Deadline for manuscript submissions:
1 December 2024

Message from the Guest Editors

Building Information Modelling (BIM) has emerged as a buzz-word that defines both an information sharing approach and an information management strategy for the design, construction, and operations of complex built asset projects. The uptake of technologies and information management methodologies introduced through BIM has not been seamless or easy for the industry. For many years, both academia and industry have worked to establish methods that would result in the most beneficial and effective outcomes while implementing a successful information management strategy, as introduced by BIM.

The aim of this Special Issue is to provide up-to-date research results regarding the use, uptake, and adoption of BIM in different fields and for different processes in the construction and wider built environment sectors.

For further reading, please follow the link to the Special Issue Website at:

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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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Contact Us

Buildings Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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