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BIM Application in Construction Management

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Deadline for manuscript submissions:
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Message from the Guest Editors

Building Information Modeling (BIM) is a revolutionary technology that has transformed the construction industry in recent years. BIM applications have provided immense value to construction management professionals by optimizing the entire project lifecycle, from conceptualization to eventual demolition, upcycling and recycling.

Interested authors are invited to submit their papers addressing BIM applications in all relevant fields of construction management to this Special Issue. Topics of interest include, but are not limited to, the following: clash detection, quantity take-off and cost estimates, project schedule and control, safety prediction and simulation, quality assurance, team collaboration and coordination, subcontracting, material supplies and fabrication， and the connection between BIM and other emerging technologies.

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

https://www.mdpi.com/journal/buildings/special_issues/5DU7V9K886

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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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