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Advances in BIM-Based Architectural Design and System

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Message from the Guest Editors

Dear Colleagues,

Industrial language, including representation and communication methods, is increasingly evolving based on building information modeling (BIM) in the architecture, engineering, and construction (AEC) industry. Furthermore, associating with Industry 4.0 technologies, BIM plays a key role in the digital transformation of the AEC industry as a backbone that serves as an information and knowledge container and carrier with supporting smart design, smart construction, and smart operation and maintenance (O&M) throughout the project lifecycle.

This Special Issue on “Advances in BIM-Based Architectural Design and System” pursues not only academic advances but also industrial ones that include case studies and advanced practices. Therefore, the scope of the issue covers research development, advanced practice, or case studies that involve BIM and/or Industry-4.0-relevant technologies, including but not limited to those listed in the keywords, throughout the AEC project lifecycle.

Prof. Dr. Sangyoon Chin
Prof. Dr. Seungyeon Choo
Guest Editors



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Special Issue



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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