Special Issue

Building Information Modelling (BIM): From Theories to Practices

Message from the Guest Editor

The use of BIM continues to expand as the preferred method of delivering projects in the built environment. This represents a transition from the use of drawings and documents to a creation, delivery, and recording system based on graphical/data constructs integrated with collaborative practices in a common data environment. The ongoing development in the computer sciences and associated frontend technologies mean that it is appropriate to re-evaluate the theoretical basis of BIM and also its potential to provide a foundation for other systems of task and activity augmentation. BIM, although data-centric, can be seen as the starting point in the development of knowledge and intelligent systems. Developments in AI, VR, IOT, block chain and GIS all offer new questions about the future development of BIM.

The Special Issue offers an opportunity to re-evaluate the theoretical basis underpinning BIM and also to consider BIM's role in a digitally emerging world.

Detail information can be found at:
https://www.mdpi.com/journal/applsci/special_issues/Building_Information_Modelling_BIM

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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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