

Special Issue

Integration of BIM and ICT for Sustainable Building Projects

Message from the Guest Editor

The digitalization of the construction industry, represented by BIM, should not just produce a simple electronic file type report; it must be able to link, search, and analyze information based on objects. BIM has not just recently been developed; its level and field of use are diverse. In addition, the value of the information available in the construction industry can be maximized by integrating BIM with the latest ICT technology. These technical endeavors require a multidisciplinary approach in order to examine, explore, and critically engage with issues in the construction industry. This Special Issue welcomes all technology developments, case studies, empirical investigations, and experimentations related to the integration of BIM and ICT for sustainable building projects. The scope of the work includes, but is not limited to, the following: Integration of BIM and ICT; Digital technologies and lean construction; Sensing technologies and quality control; Automation and robotics; Big data analytics for sustainable building; Real-time location intelligence; Real-time monitoring of building environment; Assessment of information value.

Guest Editor

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