

Special Issue

BIM Applications for Construction Sustainability

Message from the Guest Editor

Building information modeling can facilitate collaborative design and provide new opportunities for planning sustainable buildings. Besides, BIM can provide the basis for building performance simulation with environmental evaluation at the different phases of building use. The costs of construction throughout the life cycle can also be easily calculated based on BIM. The potential of BIM for sustainable construction still has many challenges regarding applying BIM-based environmental performance assessment and optimization on a large scale, since digital technology is rapidly advancing in construction applications, and many sustainability challenges are not adequately addressed. This Special Issue welcomes all technical endeavors, technology developments, case studies, empirical investigations, and experimentations related to building information modeling applications for sustainable construction. Sustainability concerns, social issues, and economic benefits linked to BIM technologies in the AEC industry will be addressed.

Guest Editor

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I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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