

Special Issue

Advanced Developments and Applications of Digital Twins in Construction Industry

Message from the Guest Editors

This Special Issue focuses on receiving novel development-based digital twin studies to develop a theoretical and practical base that can be used as a base for researchers to extend presented digital twin solutions in this Special Issue to a higher technology readiness (TR) level. Moreover, industry practitioners can directly adopt solutions in their projects and publish the outcome as case study research. This Special Issue covers a wide range of topics including, but not limited to, the following:

- From BIM to digital twins: enablers and challenges;
- Applications of digital twins in the construction stage including progress monitoring, carbon optimization, and automated safety warnings;
- Integration of digital twins and artificial intelligence (AI);
- Digital twins and circular economy;
- Blockchain of Things (BCoT);
- Applications and developments of the Internet of Things (IoT) in the construction industry;
- Digital twins for net zero.

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Message from the Editor-in-Chief

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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