

Special Issue

Emerging Digital Technologies for Sustainable Construction

Message from the Guest Editors

Previous studies have showed the utilization of digital technologies to achieve sustainability at some or all of the design, construction, and operation stages of construction projects, indicating meaningful connections between constructional sustainability and digital technologies. The theoretical basis underlying these connections is lacking conspicuously, and the potential for and empirical evidence regarding the use of digital technologies to achieve sustainable construction have yet to be fully explored. It hence is imperative to carry out in-depth investigations on both the theoretical and empirical aspects relating to assimilating emerging digital technologies in sustainable construction.

The aim of this Special Issue is to contribute to the literature by presenting theoretical, conceptual, methodological, and empirical studies about how advanced digital technologies facilitate or realize sustainability at different stages of construction projects. Review papers that systematically analyze the most up-to-date and future developments of this domain are also welcome.

Guest Editors

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Dr. Zhao Xu
Dr. Ling Ma

Deadline for manuscript submissions

closed (31 December 2021)



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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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