

Special Issue

Intelligent Construction and Sustainable Built Environment

Message from the Guest Editors

The construction industry is labor-intensive, with low productivity due to low levels of digitalization. The risk of accidents is high due to its nature. To solve this, the construction industry is promoting automation and intelligence using digital transformation technologies, with BIM in particular being recognized as a basic tool for intelligent construction. Off-site construction (OSC) can also have effects such as securing uniform quality, improving safety, reducing materials. The Special Issue aims to deal with cutting-edge technologies, processes and application cases applied to construction projects to evolve the construction industry's intelligence, advanced production systems and sustainable construction. Topics include but are not limited to the following: Construction industry and operation; Construction project delivery; Digital-based supply chain management; Automation and robotics in construction engineering and management; Big-data- and artificial-intelligence-driven analytics; Energy and sustainable buildings; Additive manufacturing in the construction industry; Value assessment of intelligent construction. We look forward to receiving your contributions.

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Deadline for manuscript submissions

closed (10 May 2023)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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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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