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 artificialintelligence-driven analytics; Energy and sustainable buildings; Additive manufacturing in the construction industry; Value assessment of intelligent construction. We look forward to receiving your contributions.

Guest Editors

Prof. Dr. Namhyuk Ham

Department of Digital Architecture and Urban Engineering, Hanyang Cyber University, Seoul 04763, Korea

Prof. Sungkon Moon

Department of Civil Systems Engineering, College of Engineering, Ajou University, Suwon 16499, Republic of Korea

Deadline for manuscript submissions

closed (10 May 2023)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/142539

Sustainability
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

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

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

