

Special Issue

Sustainable Construction Management and Computer Simulation

Message from the Guest Editors

The purpose of the Special Issue is to publish state-of-the-art computational research trends and results in the context of sustainable construction management. The Special Issue focuses on, but is not limited to, computer simulations such as discrete-event simulations, system dynamics, agent-based simulations, and hybrid simulations used in computational research methods. Research focused on emerging technologies such as data mining, artificial intelligence, image processing, and big data to enhance performance in combination with simulations is also welcome. Topics

- Sustainable construction management
- Life-cycle assessment
- Lean construction
- Off-site construction
- Prefabrication
- Sustainable supply chain management
- Sustainable construction method
- Sustainable construction site management

Computational research methods

- Computer simulation
- Discrete-event simulation
- System dynamics
- Agent-based simulation
- Hybrid simulation
- Data mining
- Artificial intelligence
- Image processing
- Big data

Guest Editors

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Deadline for manuscript submissions

closed (31 July 2023)



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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

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