Special Issue

Modelling in Construction and Infrastructure Management

Message from the Guest Editors

This Special Issue invites scholars and practitioners to submit technical papers and case studies that are associated with the following 2 themes: Theories and tools/methods as related to modelling, including building information modelling, geographic information system, remote sensing, robotics, additive manufacturing, etc.; Practical applications as related to the target and/or purpose of modelling including:

- Resilient and sustainable built environment for natural and manmade hazards;
- Human–built environment interactions;
- Built environment modelling;
- Sensor-based infrastructure inventory and assessment (i.e., bridges, roads, water and sewer pipes, tunnels, gridlines, etc.);
- Sensor and sensing technologies in construction automation;
- Robotics in construction;
- Improved project execution (i.e., risks and uncertainties, resource allocation, bidding strategies, contract and claims management, etc.);
- External factors impacting projects environment (i.e., weather, governmental policies, regulations, etc.);
- Information management systems;
- Virtual design and construction.

https://www.mdpi.com/si/69303

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Deadline for manuscript submissions

closed (30 June 2021)

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About the Journal

Message from the Editorial Board

We encourage you to contribute a research or comprehensive review article for consideration and publication in *Modelling* (ISSN 2673-3951), an international open access journal, which is published quarterly online by MDPI. The editorial board and staff of *Modelling* are dedicated to providing an advanced forum for studies related to the development and applications of modelling and simulation techniques. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications.

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Author Benefits

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indexed within ESCI (Web of Science), Scopus, Ei Compendex, EBSCO and other databases.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 24.9 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the second half of 2025).

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q2 (Mathematics (miscellaneous))