

## Special Issue

# Next-Gen BIM and Digital Construction Technologies

### Message from the Guest Editors

The present Special Issue will gather state-of-the-art studies, innovative application cases, and forward-thinking perspectives on investigating the combination of BIM and other advanced digital construction technologies. We welcome contributions that address, but are not limited to, the following topics:

BIM-based digital twins for real-time asset management;  
Incorporation of BIM with IoT, sensor networks, and data acquisition systems automation;  
AI and machine learning-based deployments of predictive analytics and process optimization within BIM work processes;  
Extended reality (AR/VR/MR) for immersive design review, training, and construction monitoring;  
Blockchain-enabled data integrity, supply chain transparency, and smart contracts in BIM environments;  
BIM for sustainable design, energy efficiency, and lifecycle carbon assessment;  
Inclusion of automation and robotics in BIM-based control and planning systems;  
Standardization, interoperability, and open-BIM initiatives for next-generation collaboration.

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### Guest Editors

Dr. Ri Na

Dr. Tianjiao Zhao

Dr. Xi Wang

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### Deadline for manuscript submissions

15 April 2026



## Architecture

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CiteScore 2.2



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## About the Journal

### Message from the Editor-in-Chief

The journal Architecture is an outstanding platform for new ideas and for reporting the outcomes of your research. The subjects sought are wide ranging and include design strategies, form, and technology. The need to be innovative in a rapidly changing profession and building environment make this journal the ideal place to publish. We are open to creativity and out-of-the-box thinking.

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### Editor-in-Chief

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### Author Benefits

#### High Visibility:

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

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 34.2 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the first half of 2025).

#### Recognition of Reviewers:

APC discount vouchers, optional signed peer review, and reviewer names published annually in the journal.