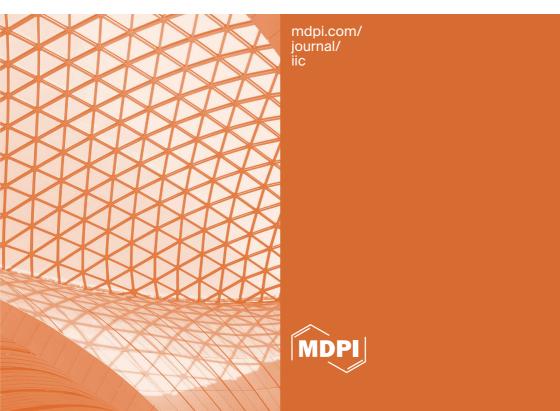# Intelligent Infrastructure and Construction

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Message from the Editor-in-Chief

The field of *intelligent infrastructure and construction* represents a new era in the integration of advanced information technologies throughout the entire life cycle of civil engineering—from planning and design to operation, maintenance, and disaster mitigation. *Intelligent Infrastructure and Construction* was founded with the vision of establishing a leading and unique international platform for sharing pioneering research, reviews, technical case studies, and transformative applications at the intersection of civil engineering, digitalization, and automation. The journal's scope spans computer-aided engineering, artificial intelligence, digital twins, robotics, and IoT-enabled smart sensors, as well as sustainable and resilient infrastructure solutions. We encourage contributions of any length that explore both experimental and theoretical advances and that thoroughly present new discoveries and methodologies. We believe that this platform will become a focal resource for global scholars and practitioners dedicated to reshaping the future of infrastructure through the innovative study of intelligence.

Editor-in-Chief
Prof. Dr. Junxing Zheng

Aims

Intelligent Infrastructure and Construction (ISSN 3042-4720) is an international journal dedicated to advancing the field of infrastructure and construction industry through the integration of information technologies throughout all stages of the construction life cycle including planning and design, operation and maintenance, and disaster mitigation. The journal welcomes submissions of original research papers, review papers, case studies, and technical notes. The journal encourages scientists to publish their experimental and theoretical results in as much detail as possible. Therefore, the journal has no restrictions regarding the length of papers.

Scope

Key areas and topics of interest covered by *Intelligent Infrastructure and Construction* include, but are not limited to:

- Computer-Aided Design and Engineering;
- Artificial Intelligence and Machine Learning;
- Building Information Modeling (BIM) and Digital Twins;
- Robotics and Automation in Construction;
- Smart Sensors and Internet of Things (IoT);
- Sustainable and Resilient Infrastructure;
- Intelligent Control Systems and Facilities Management.

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