

Special Issue

From Concept to Reality: Digital Innovations Driving the Future of Intelligent Infrastructure and Construction

Message from the Guest Editors

It is our pleasure to present this Special Issue of the new journal *Intelligent Infrastructure and Construction* on the theme “From Concept to Reality: Digital Innovations Driving the Future of Intelligent Infrastructure and Construction”, which is open to submissions until 31st of December 2024. This Special Issue will explore a wide range of topics, including the following:

- Integrating AI, IoT, and Digital Twins for real-time decision making and predictive maintenance.
- The role of robotics and automation in enhancing construction efficiency and safety.
- Leveraging BIM across the entire life cycle—from design and construction to operations and disaster resilience.
- Sustainable infrastructure through smart material selection and data-driven energy management.
- Intelligent control systems that combine sensors and data analytics for proactive facilities management.
- Cross-disciplinary approaches to bridge gaps between construction, technology, and environmental sustainability.

Guest Editors

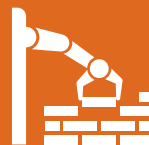
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Deadline for manuscript submissions

31 December 2025



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About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

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