Special Issue

Human-Centered Transformation in Modern Construction Management

Message from the Guest Editors

This Special Issue of *Buildings* seeks to explore the transformative potential of human-centered practices in construction management. We invite contributions that address, but are not limited to, the following topics:

- Safety and Worker Well-Being: cutting-edge approaches to improving safety, health, and overall well-being on construction sites;
- Stakeholder-Centered Decision-Making: collaborative frameworks for integrating diverse stakeholder perspectives in project management;
- Technological Innovations for People: exploring how AI, BIM, IoT, and digital twins can enhance human experiences and optimize workflows;
- Diversity, Equity, and Inclusion (DEI): strategies for fostering inclusive and equitable environments in construction projects and teams;
- Sustainable Construction Management: balancing environmental impact with community and societal benefits;
- Resilient Infrastructure Development: human-centered designs and management practices that address climate change and other global challenges;
- Workforce Development and Retention: innovative training and capacity-building initiatives to empower construction professionals.

Guest Editors

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Dr. Xiaoye Zeng

Deadline for manuscript submissions

closed (15 July 2025)

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About the Journal

Message from the Editor-in-Chief

Current urban environments are home to multi-modal transit systems, extensive energy grids, a building stock, and integrated services. Sprawling neighborhoods are composed of buildings that accommodate living and working quarters. However, it is expected that the cities and communities of the future will face complex and enormous challenges, including maintenance, interconnectivity, resilience, energy efficiency, and sustainability issues, to name but a few. A smart city uses advanced technologies and a digital infrastructure to improve the outcomes in every aspect of a city's operations. A smart building optimizes the experience of occupants, staff, and management by using a modern and connected environment. Innovations in technology that can bring dramatic improvements to design, planning, and policy are critical in developing the cities and buildings of the future.

Editor-in-Chief

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).