# Special Issue

# Digital and Sustainable Building and Construction Management: Advances and Prospects

### Message from the Guest Editors

The building and construction industry is navigating a critical period of digital and sustainable transformation, addressing the dual imperatives of technological innovation and sustainability considerations. This Special Issue, 'Digital and Sustainable Building and Construction Management: Advances and Prospects', seeks original research and comprehensive reviews that explore the integration of advanced digital technologies, sustainable practices, and innovative management strategies to meet the challenges of modern construction. Submissions that address the convergence of digital innovation and sustainable transformation are particularly encouraged, drawing insights from theoretical perspectives, empirical studies, and practical applications. Contributions from academia and industry are welcomed to advance knowledge and practice in creating a more sustainable and technologically advanced built environment.

### Guest Editors

Dr. Qian Zhang
School of Design and the Built Environment, Curtin University, Bentley, WA 6102, Australia

Dr. Siliang Yang
Mott MacDonald, Leeds LS12 1BE, UK

### Deadline for manuscript submissions

closed (20 June 2025)

**Buildings**

an Open Access Journal by MDPI

Impact Factor 3.1
CiteScore 4.4

mdpi.com/si/224875

*Buildings*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
buildings@mdpi.com

mdpi.com/journal/buildings

# Buildings

an Open Access Journal by MDPI

Impact Factor 3.1
CiteScore 4.4

mdpi.com/journal/buildings

# 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

Prof. Dr. David Arditi
Construction Engineering and Management Program, Department of Civil, Architectural, and Environmental Engineering, Illinois Institute of Technology, 3201 South Dearborn Street, Chicago, IL 60616, USA

### Author Benefits

**High Visibility:**

indexed within SCIE (Web of Science), Scopus, Ei Compendex, Inspec, and other databases.

**Journal Rank:**

JCR - Q2 (Construction and Building Technology) / CiteScore - Q1 (Architecture)

**Rapid Publication:**

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).