

## Special Issue

# Green and Energy-Efficient Buildings, Construction Futures, Housing for Smart Sustainable Cities, and Advancing the SDGs

### Message from the Guest Editor

The 21st century is being shaped by the twin forces of rapid urbanisation and the global sustainability transition, with emerging and developing countries accounting for over 90% of projected urban growth. At the centre of this transformation lies the built environment—which consumes vast amounts of energy and resources while generating a significant share of greenhouse gas emissions. Yet the built environment also holds immense potential to drive innovation, resilience, and inclusiveness. This Special Issue brings together diverse perspectives on how green and energy-efficient buildings, advances in the construction industry, and sustainable housing futures can serve as levers for smart, sustainable cities in the Global South. The contributions demonstrate how technological innovation, digitalisation, and circular economy practices are transforming the construction sector, while also addressing the pressing need for affordable, equitable, and climate-resilient housing. Beyond the technical dimension, this Special Issue highlights the critical roles of policy, finance, governance, and social innovation in enabling transformative change.

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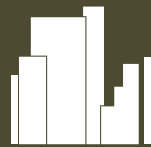
### Guest Editor

Prof. Dr. Arkebe Oqubay  
Department of Development Studies, SOAS University of London,  
London WC1H 0XG, UK

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### Deadline for manuscript submissions

30 November 2026



## Buildings

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

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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.

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### 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

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

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

#### 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).