

Special Issue

Sustainable Construction Management and Engineering: Residential Construction with Focus on Life Cycle of Buildings and Costs—2nd Edition

Message from the Guest Editors

We invite submissions to this *Buildings* (MDPI) Special Issue, titled “**Sustainable Construction Management and Engineering: Residential Construction with Focus on Life Cycle of Buildings and Costs—2nd Edition.**” The world faces pressing challenges—environmental degradation, energy scarcity, rising costs, and housing shortages. These demand **innovative, sustainable solutions** in construction, balancing **cost-effectiveness, minimal environmental impact, and maximizing building lifespans**. This Special Issue seeks to advance research on **adapting design and maintenance practices for safe, affordable, and sustainable housing**. We welcome **original research, reviews, and methodological studies** on topics including:

- Sustainable renovation of existing building stock.
- Sustainable urban development.
- Poverty and affordable housing.
- Decision-support tools and assessment methods for sustainable built environment.
- Construction project management.
- Real estate market.
- Cost analysis, life-cycle analysis, value for money.
- Energy-efficient buildings, energy management.
- Building information modelling

Explore the **1st Edition** here:

https://www.mdpi.com/journal/buildings/special_issues/4YP4KP69UX

Guest Editors

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Deadline for manuscript submissions



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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

Prof. Dr. David Arditi

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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 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).