Special Issue

Sustainable and Resilient Affordable Housing in Architecture Design and Urban Plans

Message from the Guest Editors

- This special issue aims to explore innovative and sustainable approaches to affordable housing projects and plans.
- Research areas may include (but not limited to) the following:

- Integrated housing policies with a focus on environmental and social sustainability
- Innovative and inclusive housing projects that promote resilience and reduce environmental impact
- Publicness in social housing projects and plans with a focus on equity and environmental justice
- Housing and urban regeneration with a focus on reducing the ecological footprint and promoting urban biodiversity
- Sustainable approaches in housing re-typology with a focus on the circular economy and waste reduction
- Participatory processes in social and public housing that promote environmental awareness and social responsibility
- Public and private heritage reuse with a focus on resource conservation and reducing environmental impact
- Implementation of Nature-Based Solutions (NBS) in social housing for climate change mitigation and adaptation.
- Life Cycle Assessment (LCA) of materials and construction techniques in sustainable social housing.
- etc...

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Deadline for manuscript submissions

15 April 2026

Buildings

an Open Access Journal by MDPI

Impact Factor 3.1
CiteScore 4.4

mdpi.com/si/238155

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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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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).