Special Issue

Urban Sustainability: Sustainable Housing and Communities—2nd Edition

Message from the Guest Editor

As urbanization accelerates globally, the pursuit of sustainable housing and communities has emerged as a pivotal area of research. This domain encompasses environmental, social, and economic considerations to address the challenges posed by rapid urban growth. Sustainable housing and communities are crucial in fostering urban well-being, resource efficiency, and resilience. The goal of this Special Issue is to curate a collection of original research articles and review papers that offer comprehensive insights into sustainable housing and communities. This Special Issue invites manuscripts connected with the following themes:

- Innovative approaches to sustainable housing design;
- Community engagement for sustainable urban development;
- Renewable energy integration in urban housing;
- Smart technologies for sustainable communities;
- Policy frameworks and governance for urban sustainability;
- Green infrastructure and urban planning.

For more information, please visit the following link: https://www.mdpi.com/journal/buildings/special_issues/R0IIHZSZCX

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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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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).