Special Issue

Urban Sustainability: Sustainable Housing and Communities

Message from the Guest Editor

As urbanization continues to accelerate globally, the quest for sustainable housing and communities has emerged as a pivotal research area. Currently, in the context of the stock development model, close attention must be paid to communities and residences, as the basic units of the city, in order to clarify the interests involved in the multi-theme process and designate scientific and effective policy guidelines to ensure the sustainable development of residences and communities and the well-being of the people. 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 view the following link: https://www.mdpi.com/journal/buildings/special_issues/797B24I1XI

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Deadline for manuscript submissions

closed (30 November 2024)

Buildings

an Open Access Journal by MDPI

Impact Factor 3.1
CiteScore 4.4

mdpi.com/si/193777

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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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