

Special Issue

Urban Planning and Construction Management Under Smart City Development

Message from the Guest Editors

Smart cities offer an opportunity for urban development, it is crucial to grab this opportunity wisely by carefully considering how to address the diverse problems of urban planning and construction management during the process of smart city development. This Special Issue will provide an opportunity for researchers worldwide to exchange new ideas. It calls for papers that address critical research questions in this field, use innovative methodologies and data sources, contribute to theoretical debates, or highlight fundamental patterns that deserve more attention. Topics may include, but are not limited to:

- Sustainable urban planning for smart cities;
- Urban resilience in smart cities;
- Innovative construction management;
- Smart solutions for the built environment;
- Smart life cycle construction management;
- Low-carbon emission solutions for smart cities;
- Stakeholder management in smart city development;
- Public opinions and engagement in smart city development;
- Public engagement in old community renewal.

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/buildings/special_issues/62AHZ3N8Q9

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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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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).