

Special Issue

Spatial Strategy for Sustainable Urban Planning and Architectural Development

Message from the Guest Editors

This Special Issue aims to bring together interdisciplinary research exploring how spatial planning, architectural design, and the built environment contribute to sustainable urban development. We welcome studies examining the relationships between urban form, spatial configuration, environmental quality, public spaces, mobility, housing, resilience, safety, and human well-being. Contributions employing quantitative, qualitative, mixed-method, modelling, GIS, space syntax, simulation, and data-driven approaches are particularly encouraged. Potential topics include, but are not limited to, sustainable neighbourhood design, healthy cities, Crime Prevention Through Environmental Design (CPTED), walkability, green infrastructure, climate-responsive architecture, smart cities, place attachment, urban resilience, public space design, and innovative planning strategies that enhance environmental, social, and economic sustainability. We invite original research articles, review papers, and short communications that advance theoretical understanding and practical applications for creating more sustainable, resilient, and liveable urban environments.

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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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