

Special Issue

Pathways of Urbanization: From Spatial Dynamics to Planning Futures

Message from the Guest Editors

This Special Issue invites contributions that explore urban dynamics, with a particular focus on the integration of planning frameworks and the socioeconomic processes that both shape and are shaped by urbanization in an increasingly digitized world. We encourage research on the role of digitalization, ranging from the use of GIS, remote sensing, and artificial intelligence to the digitization of planning documents and spatial strategies in transforming urban analysis and planning practice. We also welcome studies that question how existing modeling frameworks adapt to emerging paradigms such as demographic change and new governance structures. By bridging technical, institutional, and societal perspectives, this Special Issue seeks to advance knowledge on how urbanization pathways can be steered toward sustainability, equity, and resilience. We welcome interdisciplinary contributions, including but not limited to the following: urban dynamics and simulation, planning and governance integration, addressing spatial segregation, digitalization and AI in urban research, and sustainability and resilience pathways.

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Message from the Editor-in-Chief

Urban Science is a scholarly international journal which provides a platform for the exchange of theories, ideas, methods, analyses, and comparative studies of urban and regional development. It is a peer-reviewed, open access journal that publishes high quality original articles, theoretical essays, critical reviews, research notes, and shorter communications. Its broad definition of “science” includes both quantitative and qualitative methods of social, environmental, and spatial analysis. There is no restriction on the maximum length of the papers.

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