Special Issue

Big Data Analytics for Urban Planning

Message from the Guest Editor

Big data has enriched our experiences of how cities function and is offering many new opportunities for social interaction and more informed decision-making with respect to our knowledge of how best to interact in cities. Undoubtedly, cities play vital roles in social development, as centers of production, living, culture, and communication. Due to the rapid progress of information and communications technology, the emergence of open and new data available from various sources has also presented significant opportunities for urban research and policy-making. This Special Issue will highlight the challenges, opportunities, and solutions of a synthesized urban planning framework based on ever-increasing amounts of large-scale diverse data and computing power. Smart city practice leads to bigger data and urban planning challenges/opportunities in the automated city future. Papers in this Special Issue are expected to advance theories, methods, or applications that improve the integration of big data and urban planning.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

As urban environments continue to evolve, Smart Cities serves as a key platform for sharing innovative research that addresses the complexities of modern urban life. Our journal provides a space for interdisciplinary dialogue and knowledge exchange on the latest advancements in smart city technologies and practices. We prioritize research that not only pushes the boundaries of scientific understanding but also has practical implications for improving urban living, sustainability, and governance.
We welcome contributions from diverse fields that bring fresh perspectives to urban challenges, from smart infrastructure and IoT integration to data-driven decision-making and sustainable development. Through a combination of rigorous peer-review and rapid publication, we aim to disseminate impactful research that fosters the development of smarter, more resilient cities.

Editor-in-Chief

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Author Benefits

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indexed within Scopus, ESCI (Web of Science), Inspec, AGRIS, and other databases.

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JCR - Q1 (Urban Studies) / CiteScore - Q1 (Urban Studies)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 26.8 days after submission; acceptance to publication is undertaken in 4.5 days (median values for papers published in this journal in the first half of 2025).