

Topical Collection

Digital Twins for Smart Cities

Message from the Collection Editors

As a new multidisciplinary concept, Digital Twin City or Urban Digital Twin has been introduced to the technical and managerial domains of Smart Cities, and it adopts information and communication technology (ICT) to establish a large-scale multifunctional digital module of a city in order to represent the entire built environment within an urban area over the internet. Through a systematic integration of functional modules and layers about the city, a Digital Twin City can be a useful tool to enhance professional practices on planning, design, construction, operation, maintenance, and governance of cities under the sustainability agenda, in addition to their services to people. This topical collection aims to explore not only the theoretical development but also capabilities build on urban digital twins with regard to their contributions to Smart Cities, and welcomes papers to enrich the body of knowledge on digital twins for smart cities.

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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.

Journal Rank:

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).