Special Issue

Advanced Geospatial Applications for Smart Cities and Knowledge Discovery from Urban Data

Message from the Guest Editors

The purpose of this Special Issue is an in-depth discussion on the process of transforming “raw” urban data into valuable knowledge. The editors call for papers focused on the methods and applications of knowledge discovery from data (KDD) for Smart Cities in such sectors as transportation, health, energy, and social interaction. We welcome submissions that embrace smart city ideas and contribute to improving citizens’ well-being through geospatial data-driven solutions. We are particularly interested in papers focused on developing and using Big Data analytics, spatial data mining, fuzzy inference systems, Artificial Intelligence methods, deep learning, MAS, and other knowledge acquisition methods.
Topics of interest include but are not limited to:
Spatial and spatiotemporal data analysis; Spatial data mining methods and algorithms; Spatial data infrustructure for Smart City services; Visual analytics solutions for Smart Cities; Statistical data analysis and characterization; Large-scale data management and analysis applied to Smart Cities; IoT data analytics for Smart Cities.

Guest Editors

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Deadline for manuscript submissions

closed (30 November 2021)

Smart Cities

an Open Access Journal by MDPI

Impact Factor 5.5
CiteScore 14.7

mdpi.com/si/63440

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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

Prof. Dr. Pierluigi Siano
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Author Benefits

High Visibility:

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).