

Special Issue

Recent Trends in the Application of Urban Intelligence to Sustainable Smart Cities

Message from the Guest Editors

Cities around the world are undergoing significant transformations as they move towards becoming smart communities. The primary goal of the smart city concept is to optimize community operations, ensuring the efficient and sustainable use of resources to enhance services, improve the quality of life, and boost resilience in the face of challenges such as natural disasters. This optimization can be applied across various domains, including transportation, communication, water management, healthcare, public safety, and energy systems, both individually and collectively. By accomplishing these, smart city participants become empowered to make informed decisions that seamlessly integrate people, information, and smart technologies, unlocking new opportunities for innovation and service delivery in social, physical, and technical systems. Recent developments in artificial intelligence methods and new hardware systems form the backbone of smart city development, with current applications already evident in healthcare, transportation, emergency management, renewable energy, smart grids, etc.

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Deadline for manuscript submissions

closed (1 September 2025)



Sustainability

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 7.7



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