

Special Issue

Smart Cities, Smart Homes and Sustainable Built Environment

Message from the Guest Editor

In recent decades, the ever-increasing use of electrical appliances has escalated the demand for and consumption of electricity. More fuels are being consumed, and the shrinking of water resources raises the cost of water. All of these points inevitably prompt occupants to adopt sustainable measures in dealing with these issues. For example, politicians advocate and put forward new policies, environmentalists propose viable solutions, and academic researchers explore new methods and strategies for reducing the consumption of water and electricity resources. As most of us spend a substantially long time in indoor environments, smart home facilities have become an indispensable part of smart cities. There are three generations of smart home: (1) those based on Bluetooth and Zigbee smart technologies, (2) artificial intelligence smart homes, and (3) smart homes which use robots that can not only stroll around home, but also provide smart solutions and responses to cater for the needs of the residents. In this Special Issue, we would like to explore smart cities, smart homes, and sustainable built environments.

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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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).