Special Issue

Smart Electronics, Energy, and IoT Infrastructures for Smart Cities

Message from the Guest Editors

This Special Issue intends to contribute with a novel approach for the development of a theoretical framework for a scientific debate on how AI can enhance the efficiency of the RE sector towards economic efficiency and sustainability. In the context of this Special Issue, which is related to future smart cities research, we contribute a new significant item in the research agenda: AI-driven RE services for maximum social impact and economic efficiency. The main contribution of this special issue will be the integration of social sciences research with advanced information systems research. Subject of interests include, but are not limited to:

- smart match of supply with demand for smart cities;
- intelligent storage for smart cities;
- centralized control system for smart cities;
- smart microgrids for smart cities;
- grid stability and reliability, safety operations;
- accurate demand forecast and weather forecast;
- efficient demand-side management;
- energy storage operations;
- market design and operations.

Guest Editors

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Deadline for manuscript submissions

closed (1 August 2024)

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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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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).