Special Issue

Feature Papers in Section Smart Grids

Message from the Guest Editors

This SI will collect and highlight recent work on smart grids. Topics include, but are not limited to, the following:

- Applications for smart grids, smart buildings, smart homes, smart lighting, renewable energy sources and power electronics for smart grids.
- Distributed and peer-to-peer energy and multi-energy systems.
- Electric vehicle and smart grid interaction.
- Computer engineering, as well as information and communication technologies (ICT), for smart grids.
- IoT architectures, protocols, and algorithms, as well IoT devices and network technologies, applied to smart grids.
- Cloud computing, autonomic computing, data management, intelligent data processing and data-driven management for smart grids.
- Real-time, semantic web services and context-aware systems for smart grids.
- Cyber-physical systems and virtual and augmented reality for smart grids.
- Advances in smart grid sensing.
- Traceability, calibration and data fusion models for distributed sensing grids.
- Challenges in reliability, quality, security, efficiency and resilience of power infrastructure.
- Experimentation and deployments.
- Novel trends and challenges for smart grids.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2022)

Smart Cities

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).