

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.

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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