Special Issue

Applied Artificial Intelligence in Energy Systems

Message from the Guest Editor

The recent advances in sensor technologies, renewable generations, Internet of Things, and smart appliances are changing the grid systems, as we know it, world-wide. Hence, the emergence of phrases such as “smart grid”; “smart homes”; “resilient grid”; among others. Some of the common features among these phrases are sensors, big data, intelligent control systems, distributed decision framework, and cognitive decision support systems. The fundamental premise of these advances is an energy system that will maintain its functions despite internal and external perturbations. The goal of this special issue is to publish both innovative and practical solutions to energy systems using artificial intelligence techniques. This issue will deliver clear proof of the services that AI is, or will be, providing to Energy Systems.

Guest Editor

Dr. Olufemi A. Omitaomu

Computational Systems Engineering and Cybernetics, Computational Sciences and Engineering Division, Oak Ridge National Laboratory, Oak Ridge, TN 37830, USA

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Smart Cities
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
cities@mdpi.com

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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

Prof. Dr. Pierluigi Siano
Department of Management and Innovation Systems, University of Salerno, 84084 Salerno, Italy

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).