

Special Issue

Challenges and Opportunities in Electromobility

Message from the Guest Editor

ICT together with IoT (Internet of Things) are promising technologies in enabling smart services that demonstrate new opportunities for seamless integration of EVs. Recently, Artificial Intelligence (AI) has received a lot of attention as an emerging new technology, which provides means for forecasting which is necessary in the decision making within the context of Electromobility.

This Special Issue aims at discussing the existing and new challenges as well as opportunities of electromobility. To this end, the submission of scientific contributions is recommended that (1) tackle topics of interoperability, security, as well as machine learning techniques and (2) demonstrate the advancements in the state-of-the-art focusing on the different involved stakeholders of electromobility (e.g., charging service provider, distribution system operator, EV users), application of demand-side management (DSM), and dynamic pricing schemes.

Guest Editor

Prof. Dr. Robert Basmadjian
Chair of Energy Informatic, TU Clausthal

Deadline for manuscript submissions

closed (31 December 2022)



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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

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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).