Special Issue

Renewable Energy and Energy Storage in Smartgrid Perspective

Message from the Guest Editors

This Special Issue is intended as a forum for advancing research and for applying the most advanced control techniques in order to achieve accurate energy management systems, participate in demand response (D/R) events, participate in ancillary services like compensation of energy losses, F/V control and power flow control, the management of energy storage systems (ESS), the optimization of battery usage in electric vehicles (EV), maximize the self-consumption of available distributed energy resources, the trading of excess energy, the optimization of contracted energy profile, monitoring and data management, the transfer of energy consumption by tariff/load shifting, and the ability to deal with power outages. The expected outcomes will be a grid with self-resiliency, adaptive and accurate control to optimize the energy management system, and remote monitoring and prediction of battery performance. Dr. Swaminathan GanesanProf. Dr. Vigna K. Ramachandaramurthy

Guest Editors

Dr. Padmanaban Sanjeevikumar

Dr. Umashankar Subramaniam

Dr. Dhafer Almakhles

Dr. Swaminathan Ganesan

Prof. Dr. Vigna K. Ramachandaramurthy

Deadline for manuscript submissions

closed (30 August 2019)

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Smart Cities
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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