



energies



an Open Access Journal by MDPI

Advanced Approaches, Business Models, and Novel Techniques for Management and Control of Smart Grids

Guest Editors:

Prof. Dr. Pierluigi Siano

Department of Management and Innovation Systems, University of Salerno, 84084 Salerno, Italy

Dr. Miadreza Shafie-khah

School of technology and innovations, University of Vaasa, Wolffintie 34, 65200 Vaasa, Finland

Deadline for manuscript submissions:

closed (31 March 2020)

Message from the Guest Editors

Dear Colleagues,

We invite submissions to a Special Issue of *Energies*. Topics include but are not limited to the following:

- Design, modeling, and management of smart grids;
- System reliability, sustainability, flexibility and resiliency;
- Methodologies and applications of modern methods for the operation and control of smart grids;
- Intelligent systems, solving methods, optimization and advanced heuristics;
- Modeling, planning and operating of renewable energy resources;
- Business models for different electricity market players;
- Demand side management and demand response;
- Sizing, placement and operation of energy storage systems and electric vehicles;
- Smart homes and building energy management;
- Electricity market, electrical power and energy systems;
- Modeling, forecasting, and management of uncertainty in smart grids;
- Microgrids and islanded networks;
- Smart cities, smart energy and IoT.

Prof. Dr. Pierluigi Siano

Prof. Dr. Miadreza Shafie-khah

Guest Editors



mdpi.com/si/24763

Special Issue



energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)