Special Issue

Photovoltaic and Wind Energy Conversion Systems

Message from the Guest Editor

This Special Issue deals with all aspects of the development, implementation, and exploitation of systems and installations that operate with both sources of energy. Topics of interest include, but are not limited to, the following: - Power electronic converters in photovoltaic and wind energy conversion systems. - The modelling, control, and simulation of photovoltaic and wind energy conversion systems. - Storage systems integrated in wind and photovoltaic plants. - The impact of wind and photovoltaic plants on power quality. - The provision of ancillary services to improve the stability, robustness, and security of the grid. - The planning and operation of photovoltaic and wind power systems. - Sensors, communications, and data analytics that manage power generation in photovoltaic and wind energy conversion systems.

Guest Editor

Prof. Dr. Emilio Figueres
Electronic Engineering department, Universitat Politecnica de Valencia, Camí de Vera, 46022 València, Spain

Deadline for manuscript submissions

closed (30 June 2019)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/18226

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

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

About the Journal

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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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)