

Special Issue

Modern Power System Dynamics, Stability and Control

Message from the Guest Editor

The is inviting submissions for Special Issue "Modern Power System Dynamics, Stability and Control". The main topics of interest of this Special Issue include:

- Power electronic converters as controlled power interface devices
- Dynamics and stability of power controlled RES (wind turbines, PV systems, etc.)
- Improvements in power system stability under high levels of penetration of RES
- HVDC interconnections: modeling and control
- DG dynamics and control, integrated with RES and energy storage devices
- Microgrids (ac or dc) in stand-alone or grid-connected mode
- Novel aspects of model deployment and nonlinear stability analysis of modern power systems
- Innovative PI and/or P cascaded controllers for use in DG and RES installations
- Stability of PLL driven controllers
- Frequency and voltage droop-based control
- Ancillary services

Guest Editor

Prof. Dr. Antonio T. Alexandridis

Department of Electrical and Computer Engineering, University of Patras, 26504 Rion-Patras, Greece

Deadline for manuscript submissions

closed (29 February 2020)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/23679

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



[mdpi.com/journal/
energies](https://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)