

## Special Issue

# Modern Power System Dynamics, Stability and Control

### Message from the Guest Editor

This 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

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### Guest Editor

Prof. Dr. Antonio T. Alexandridis  
Department of Electrical and Computer Engineering, University of Patras, 26504 Rion-Patras, Greece

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### Deadline for manuscript submissions

closed (29 February 2020)



## Energies

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## 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.

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba  
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