

## Special Issue

# Resilient and Flexible Energy Systems

### Message from the Guest Editor

The purpose of this Special Issue is to provide an opportunity for researchers to present new solutions to increase the resilience and flexibility of modern energy systems. Topics of interest include but are not limited to:

- Flexibility analysis of energy hubs and multiple energy hubs;
- Suppression of uncertainties and fluctuations in distributed renewable energies;
- High-impact low-probability disruptive events;
- Advanced technologies for resilience enhancement;
- Operation and planning of multienergy hubs;
- Support decarbonization by improvement of energy systems' flexibility;
- Transportation electrification impact on resilience and flexibility;
- Local energy control and management strategies;
- System resilience in natural hazard conditions;
- Flexibility improvement by distribution network reconfiguration;
- Impact of high penetration of renewable energies on system resiliency;
- Post-restoration state analysis;
- Infrastructures recovery analysis;
- Demand response programs impact on system resiliency.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 December 2021)



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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

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