

## Special Issue

# Advanced Control and Operation of Microgrids and Power Distribution Systems

### Message from the Guest Editors

This Special Issue primarily focuses on the latest research concerning state-of-the-art technologies for the control and operation of microgrids and distribution systems. Topics of interest for publication include, but are not limited to:

- Microgrids;
- Power distribution systems;
- Distributed energy resources;
- Integration of renewable energy resources;
- Optimization of operation;
- Energy storage systems;
- Smart charging and discharging of electric vehicles;
- Advanced distribution management systems (ADMS);
- Distributed energy resources management systems (DERMS);
- Virtual power plants;
- Demand side management;
- Distribution system operator (DSO);
- Machine learning and AI for power systems.

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### Deadline for manuscript submissions

14 April 2025



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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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