

## Special Issue

# Latest Advances and Prospects in Microgrids

### Message from the Guest Editor

Microgrids (MGs) can effectively integrate renewable energies and provide a reliable power supply for local loads. With the continuous expansion of the scale of MGs, issues such as hierarchical control, optimal operation, configuration, and protection are worthy of further in-depth research. Meanwhile, interface converters for DC, AC and hybrid DC/AC MGs are essential for the realization of electric energy conversion and for connecting different units to the DC/AC bus of MGs or connecting adjacent MG clusters. The aim of this Special Issue is to present high-quality papers focusing on the latest advances in and prospects of MGs. We encourage you to submit articles related to the aforementioned topics.

### Guest Editor

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### Deadline for manuscript submissions

closed (30 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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### Editor-in-Chief

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