

Special Issue

Energy Management System and Sustainability

Message from the Guest Editors

The aim of this Special Issue is to present the emerging techniques and latest results of EMSs in modern power systems, laying the foundation for future hybrid electrified systems with renewable energies.

Presentations and research papers are welcome to be submitted, and the topics of interest for this Special Issue include, but are not limited to, the following:

- Optimal operation and control strategies for enhancing power system flexibility;
- Renewable generation and integration techniques in distributed microgrids;
- Energy storage techniques in electrified power systems;
- Energy management and economic operation of distributed microgrids;
- Resilience and security techniques for multi-energy systems;
- Coordinated operation and communication for transportation electrification systems;
- Energy routers and power converter topology and design;
- Advanced controller design for electrified transportation systems;
- Intelligent algorithms for multi-energy systems;
- AI techniques and application in EMS;
- Digital control techniques in power systems;
- Real-time simulation testing for electrified transportation systems.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2024)



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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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