

Special Issue

Future Trends of Sustainable Electricity Supply and Power System Decarbonization

Message from the Guest Editors

This Special Issue aims to cover technical and economic issues arising from the future trends of sustainable electricity supply and power system decarbonization. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Evolution path analysis for sustainable electricity supply transition
- Advanced transmission and storage technologies for sustainable electricity supply transition
- Emerging decarbonization techniques for coal-fired power plants
- Multi-energy synergy facilitating the sustainable electricity supply transition
- Optimal operation and planning for renewable-based power systems
- Reliability and resilience for renewable-based power systems
- Demand response management for renewable-based power systems
- Market design for renewable-based power systems
- Data analytics and machine learning for renewable-based power systems
- Modeling of carbon emission flow and carbon-power coordination ...

Guest Editors

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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. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full 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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