



Design and Control of Smart Renewable Energy Systems

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Deadline for manuscript
submissions:

15 September 2024

Message from the Guest Editors

This Special Issue is dedicated to research related to new kinds of design and control methods for general energy systems with renewable energy resources, AI-based control strategies, efficient optimization and control methods for system operation, renewable energy system infrastructure and data-driven smart decision-making methods.

General topics covered in this Special Issue include, but are not limited to, the following:

- Next-generation renewable energy system design;
- Control and energy management strategies;
- Uncertainty modeling of renewable energy systems;
- AI-based decision-making methods;
- Data analytics in renewable energy generation and consumption;
- Electrified transportation and renewable energy systems;
- Grid-interactive buildings with distributed renewable resources;
- Efficient optimization and control method for renewable energy systems;
- New equipment and devices for renewable energy resources;
- Policy and market mechanisms for renewable energy systems.





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Message from the Editor-in-Chief

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