



Design and Control of Smart Renewable Energy Systems

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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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