

## Special Issue

# Innovations in Smart Grid Technologies and Sustainable Energy Solutions

### Message from the Guest Editor

This Special Issue (SI) will explore cutting-edge advancements and transformative technologies shaping the future of smart grids and sustainable energy systems. As the global energy landscape transitions toward decarbonization and digitalization, this SI will highlight innovative approaches, methodologies, and tools to enhance the grid resilience, efficiency, and integration of renewable energy sources. By bringing together research from academia, industry, and policymakers, this Special Issue will foster interdisciplinary collaboration and provide a comprehensive platform for sharing insights that address the challenges and opportunities in achieving a sustainable and smart energy future. Topics of interest include, but are not limited to:

- smart grid technologies
- sustainable energy solutions
- renewable energy integration
- energy storage systems
- grid resilience
- artificial intelligence in energy
- microgrid development
- demand response strategies
- decarbonization
- IoT in energy management

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### Guest Editor

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### Deadline for manuscript submissions

20 November 2025



## Electricity

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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