

Special Issue

Energy Security and Energy Transition: Towards Sustainable Energy Systems—Second Edition

Message from the Guest Editors

This Special Issue invites original research and reviews that examine how energy security can be maintained or even strengthened while accelerating the shift towards cleaner, more resilient, and equitable energy systems. We aim to bring together diverse perspectives, methodologies, and case studies that illuminate the pathways to a secure and sustainable energy future. We welcome contributions addressing (but not limited to) the following topics:

- Strategies and policies to enhance energy security during the energy transition;
- Integration of renewable energy sources into existing infrastructure;
- Energy access and equity in the context of sustainability and security;
- Energy efficiency as a tool for strengthening energy resilience;
- Technological innovations, including smart grids, storage, and digital solutions;
- Governance, regulation, and institutional frameworks supporting secure transitions;
- Interlinkages between energy transition, security, and climate mitigation;
- Real-world examples and best practices demonstrating effective approaches.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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