Special Issue

Advanced Energy Technologies and Energy Savings: Low Emissions and High Efficiency

Message from the Guest Editors

This Special Issue aims to provide a platform for showcasing the latest advancements and innovations across a broad spectrum of energy technologies, from renewable energy systems to traditional coal-fired power plants. Topics of interest for publication include, but are not limited to:

- Advanced wind energy conversion systems and turbine technologies;
- Innovations in solar photovoltaic and solar thermal energy systems;
- Biomass and bioenergy technologies for clean energy production;
- Hydrogen production, storage, and utilization in energy systems;
- High-efficiency and low-emission coal-fired power generation (HELE) technologies;
- Carbon capture, utilization, and storage (CCUS) for coal and other energy systems;
- Renewable energy integration and optimization strategies;
- Advanced energy storage technologies for grid stability and flexibility;
- Smart grid technologies and energy management systems;
- Energy-efficient materials and designs for renewable and conventional systems;
- Policy, economic, and social analyses of energy-saving technologies.

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Deadline for manuscript submissions

20 November 2025

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/225316

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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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