

Special Issue

Energy Conversion Technologies for a Clean Environment

Message from the Guest Editor

The growing demand for energy and urgent environmental challenges call for innovative solutions that ensure efficient energy conversion and minimal environmental impact. This Special Issue focuses on advanced energy conversion technologies for a cleaner, more sustainable future. We welcome original research articles, reviews, and case studies on breakthroughs in energy systems aimed at reducing emissions, improving efficiency, and promoting renewable and low-carbon energy sources. **Contributions addressing:**

- Theoretical modeling and system optimization
- Experimental investigations and environmental impact assessment
- Techno-economic and sustainability analyses

Research areas may include (but are not limited to):

- Clean and renewable energy systems
- Low-carbon and energy efficiency technologies
- Hydrogen energy, fuel cells, and advanced combustion
- Carbon capture and utilization (CCU)
- Waste-to-energy and sustainable energy systems

We look forward to your contributions.

Guest Editor

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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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