

Special Issue

Towards Sustainable Energy Development: Energy Efficiency and Economic Growth

Message from the Guest Editor

This Special Issue examines the relationship between energy efficiency and economic growth within the framework of sustainable energy development. As the global community works toward ambitious climate goals and the United Nations Sustainable Development Goals (SDGs), energy efficiency has become a crucial strategy for reducing environmental impacts while supporting economic resilience. Our objective is to provide a multidisciplinary platform for research that explores innovative solutions, policy frameworks, and financial mechanisms driving the shift to sustainable energy systems. Contributions are sought from academics, policymakers, and practitioners across various disciplines, including economics, engineering, environmental sciences, and social sciences, to address the challenges and opportunities in this field.

- Energy efficiency policies;
- Technological innovations;
- Renewable energy integration;
- Industrial energy efficiency;
- Behavioural and societal aspects of energy use;
- Sustainable urban energy systems;
- Financial mechanisms for sustainable energy;
- Climate change mitigation and environmental sustainability.

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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