

Special Issue

Research on Energy Efficiency and Energy Conservation: Current State and toward a Sustainable Future

Message from the Guest Editor

Energy efficiency and energy conservation research play a major role in reducing carbon footprints. This type of research is supported by the recently enumerated United Nations 2030 sustainability goals, such as affordable and clean energy, sustainable cities and communities, and responsible consumption and production. This Special Issue covers a wide range of topics related to mechanical engineering, thermal engineering, electrical engineering, building sustainability, green buildings, emerging technologies and approaches aimed at improving energy production and transition. We will only consider papers that inspires progress in energy efficiency and energy conservation. Topics of interest for publication include, but are not limited to:

- Energy efficiency in buildings and building thermal performance.
- Energy analysis and energy modeling.
- Energy planning and energy management.
- Energy storage, electric and thermal.
- Clean energy materials and manufacturing process technologies.
- Combined heat and power systems.
- Energy control and energy auditing.
- Electricity supply and demand.
- New and renewable energy technologies.

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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