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Modern Technologies for Renewable Energy Development and Utilization

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Message from the Guest Editors

Dear Colleagues,

The development and use of renewable energy has been growing in importance in recent years. Conventional energy resources, such as natural gas and oil, are insufficient to satisfy the demand of the global economy. This results in economic issues and the necessity for measures to ensure energy security.

Globally, there has been a positive trend of increasing shares of renewable energy. This development is encouraged by legislation, increased social awareness of ecology and nature conservation, and the advent of new technologies in the energy industry.

This Special Issue, entitled "Modern technologies for renewable energy development and utilization", for the international journal *Energies*, mainly aims at covering original research and studies related to the following (not limited to) topics:

- Renewable energy estimation and utilization;
- Renewable energy systems;
- Electric vehicles role in modern power systems;
- Power electronics in renewable energy systems;
- Integration and control of energy storage systems;
- Microgrids management and control.

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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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