

Special Issue

Advances in Renewable Energy Research and Applications

Message from the Guest Editors

The expected demand for electricity by the market will expand even more in the coming years. This will provide a test of whether appropriate actions are not engaged in offering alternative energy in the future. This publication will focus on the above issues and will accept contributions that consider the following topics of interest, among others:

Economic principles in evaluating alternative energy processes, systems and advanced solutions; Economic considerations and management in energy production; Evaluation of advanced energy sources; Analysis on impact of renewable energy on the greenhouse effect; Driving forces and challenges for wind energy; Design optimization for horizontal and vertical axis wind turbines; Driving forces and challenges for ocean energy; Technology advancement in solar cells, wind turbines and VIV; Potential for future investment to integrate renewable technologies; Geothermal energy; The future of hydrogen as an energy carrier; Optimization and adaptability of renewable energy through applications of artificial intelligence (AI); Smart energy generation and utilization.

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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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