

Special Issue

Recent Advances in Renewable Energy

Message from the Guest Editors

Renewable energy is framed as the key solution to the global energy crisis and climate change challenge. Despite diverse technologies and resources of renewable forms of energy, many renewable and alternative forms of energy supply are still at the stage of research and development. There is no doubt that the ultimate size of renewable energy resources is large and could make a very substantial contribution to world energy demands. However, technological barriers, high initial investment, and intermittency challenges hinder the large-scale deployment of these technologies. Technological advancements in renewable energy generation, conversion, storage, and management can make these resources reliable sources of energy that can make significant contributions to world energy supplies. This Special Issue, therefore, focuses on bringing together the recent developments in technological advances of renewable energy, including but not limited to solar energy systems (thermal and photovoltaic), wind energy, hydropower, geothermal energy, bioenergy and hydrogen production, and their impact on the global economy and power capacity.

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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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