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Challenges, Trends and Forecasting of Sustainable and Renewable Energy Systems

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Message from the Guest Editors

Dear Colleagues,

There are two main aspects to the environmental impact of pollutants produced by fossil fuels. One is global climate change. The carbon in fuel is converted into carbon dioxide into the atmosphere, causing the concentration of carbon dioxide in the atmosphere rise, which leads to intensification of the greenhouse effect, changes in the global climate, and ecological balance imbalance. Second is thermal pollution.

To effectively resolve ecological and environmental problems, reduce carbon dioxide emissions, and gradually replace coal and other fossil resources, the development of renewable energy is the fundamental way and the only choice. The purpose of this Special Issue is to provide a platform for the exchange and publication of renewable energy and sustainable development related research and exchange toward exploring how to realize the sustainable development of renewable energy systems in themselves, and how to use renewable energy to help realize the sustainable development of human society and the economy.

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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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