Special Issue

Climate Variability and Renewable Energy: Impact on Resources, Demand and Transition Road

Message from the Guest Editors

This Special Issue encompasses a variety of studies and works that explore the connection between climate variability and renewable energies in the context of climate change. A major interest of this Special Issue is to examine what would be the role of renewable energies in the present and future scenarios of energy transition toward clean and sustainable sources of energy under the constraints imposed by climate change.

- Variations in the energy demand driven by or related to observed or expected changes in the climate system;
- Potential impacts of the observed or expected climate change on the main drivers or sources of renewable energies at regional and local scales;
- Influence of changes in the intensity and occurrence of extreme weather events on renewable energy production;
- Impact of climate variability on required local or regional climate change adaptation measurements;
- Potential economical and societal repercussions of an increased use of renewable energy resources.

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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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