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Advanced Engineering and Green Energy

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Message from the Guest Editors

Applications of green energy and sustainable development have been receiving increasing attention, especially in the field of renewable energy sources are in continuous dynamics, significantly improving their efficiency in recent years, as well as their cost. There are trends for reduced energy consumption, improvement of energy security, and accelerated transition to the so-called green energy and green economy. Smart energy technologies are endowing the tendency to throw open the capabilities of new technologies and engineering solutions to increase the share of renewable energy sources in the energy mix, improve energy efficiency, and better management of energy flows at all levels—energy production and transmission, consumption by households, etc.

This Special Issue aims to present and disseminate the most recent advances related to the theory, investigation, simulation, practice, and assessment of renewable energy sources and green technologies concerning energy efficiency consumption, utilization, and thermal comfort issues, and their implementation in smart cities, electric vehicle, and energy forecasting strategies for the sustainable engineering and technologies.

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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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