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Modeling and Analysis of Energy Systems and Sustainable Energy Transition

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Message from the Guest Editors

In the past 20 years, a series of phenomena such as global warming, melting glaciers, rising sea levels, and haze weather have shown that climate change is seriously affecting the future survival of mankind. With the increasing attention of countries around the world to climate change, more than 130 countries have pledged to achieve net-zero emissions. The world is moving towards a low-carbon future. Climate constraints have contributed to the acceleration of the global energy transition.

A sustainable energy transition model can be established based on system dynamics. It is of great significance to study the transition of the energy system from the macro, meso and micro levels. The editors will solicit contributions that examine the following domains (but not limited to): exploring the influencing factors of energy system transition, energy transition model framework and modeling techniques, energy transition implementation paths, energy system modeling and analysis, etc.



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Special Issue



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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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