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Industrial Chain, Supply Chain and Value Chain in the Energy Industry: Impacts and Challenges in the Green and Low-Carbon Transition

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Message from the Guest Editors

Dear Colleagues,

The most significant source of carbon dioxide emissions is related to energy production and consumption. Vigorously promoting a green and low-carbon transition in the energy sector is an important measure to achieve peak carbon emissions and carbon neutrality, as well as accelerate the construction of a modern energy system.

This Special Issue focuses on energy consumption, technology, systems, supply chains, and value chains, explores international cooperation, and takes into account national conditions and the coordinated development of security, stable growth, and structural adjustment.

It analyzes the deepening of institutional and mechanism reforms and innovations in the energy sector, extracts mechanisms, pathways, and strategies for accelerating the construction of a clean, low-carbon, safe, and efficient energy system, promotes the high-quality development of energy and the comprehensive green transition of the economy and society, and provides guarantees for achieving the goals of peak carbon emissions, carbon neutrality, and building a modern economic system.



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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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