

Special Issue

The Impact of Renewable Energy on Global Markets: Trends, Challenges, and Opportunities

Message from the Guest Editor

The global renewable energy market is currently in a phase of explosive growth. By 2030, renewable energy is projected to account for over 60% of global electricity supply. Driven by advancements in renewable energy generation technologies and cost reductions, countries such as China, Europe, North America, and emerging markets like India and Brazil, are actively accelerating investment in clean energy and building robust renewable energy markets. As the scale of renewable energy markets continues to expand globally, profound impacts will be felt across energy infrastructure development, grid safety and dispatch, industrial supply chains, capital investment, technology integration, business model innovations, shifts in consumer energy usage behaviors, and the effectiveness of energy conservation and carbon reduction efforts. This Special Issue of *Energies* aims to present and disseminate findings on the impacts, challenges, and opportunities brought about by global renewable energy development to markets such as capital investment, industrial supply chains, business models, and electricity consumption.

Guest Editor

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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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