

Special Issue

Future Economic Scenarios for Renewable Energy and Climate Policy

Message from the Guest Editor

The global shift towards renewable energy and the changing climate policy landscape pose intricate economic challenges and opportunities. Renewable energy sources—such as solar, wind, hydrogen, and bioenergy—have emerged as critical solutions for reducing dependence on fossil fuels and achieving sustainable growth. However, this transition comes with economic implications, requiring strategic policymaking and investment to balance cost-effectiveness, energy reliability, and market stability. The pursuit of net-zero emissions alongside economic stability requires a thorough examination of interactions among market forces, policy interventions, and technological advancements. The goal of this Special Issue is to analyze economic factors affecting the renewable energy industry, as well as strategic policies needed for a resilient, sustainable, and equitable energy future. Submissions including, but not limited to, the following topics are encouraged:

- Economic modeling of renewable energy adoption
- Climate risk and energy markets
- Policy and regulation frameworks
- Technological and economic efficiency
- Regional economic impacts of energy transition

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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