

Special Issue

Carbon Neutrality through Green Innovations – the Role of the Renewable Energy

Message from the Guest Editors

Carbon neutrality means having a balance between emitting and absorbing carbon from the atmosphere. It is critical for achieving the global climate change targets. The European Union recently reaffirmed its commitment to become the world's first climate-neutral region by 2050, but there are also many other large economies such as the UK, Japan, or South Korea that aim for this goal. Carbon neutrality has become an important part of the corporate and public climate mitigation policies, but the details for this process need further research. This Special Issue aims to investigate how carbon neutrality can be achieved by the economies that aim for this goal, what benefits are gained from this energy transition, how can green innovation be accelerated and what the adverse outcomes are that may arise during this process.

Keywords:

- carbon neutrality
- climate change
- carbon footprint
- carbon reduction
- sustainable development
- renewable energy
- clean technologies
- green innovations
- energy efficiency improvements
- ESG issues
- CSR and non-financial performance
- energy poverty
- energy transition
- nuclear energy

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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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