

Special Issue

Low Carbon Innovation: Energy Policy and Strategic Technology Planning

Message from the Guest Editors

This Special Issue aims to explore the scientific issues related to technology planning and policy design in consideration of new technology innovation that supports the national carbon neutrality strategy. It seeks to offer new insights into enhancing the modeling capacity to effectively manage low-carbon transition and climate change. We invite original research articles and critical reviews on topics related (but not limited) to the following:

- Preference and impact analysis of energy policies;
- Policy modeling with multi-agent behaviors and game theory;
- Incentive policies and mechanism design for low-carbon innovation and distribution in various regions and industries;
- Techno-economic analysis for the low-carbon transition in power systems;
- Modeling and dynamic optimization of emission reduction mechanisms;
- Potential for disruptive energy technological innovation to accelerate decarbonization;
- Green finance, corporate green investment, corporate governance structure, and green technology innovation;
- Related topics of outward foreign green direct investment.

Guest Editors

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

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