

Special Issue

Carbon Neutrality: National Strategic Action Programmes and Technologies

Message from the Guest Editors

The focus for this Special Issue will be on how those countries with stated carbon neutrality or net zero goals might achieve their aims, and what cross-cutting insights might be gained from energy transition dynamics observed around the world. This Special Issue seeks to deepen our understanding of enabling and accelerating the green transition of such large economies as China, EU, Japan, UK, and South Korea, and understanding how to accommodate potentially disruptive, non-marginal options for climate change mitigation, and any adverse outcomes they may bring. Potential topics include but are not limited to the following:

- Carbon capture and storage; carbon capture, utilization and storage; bio-energy with carbon capture and storage;
- Clean energy technologies: wind, hydrogen, solar, biomass, distributed energy storage;
- Low carbon industry: green manufacturing, 5G industry, AI digitalization;
- Energy-efficient buildings: Intelligent buildings, energy saving equipment and technology, integrated energy systems;
- A new type of agriculture: green agriculture, digital empowerment, platform economy.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2023)



Sustainability

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CiteScore 7.7



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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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