

Special Issue

Sustainable Fuel, Carbon Emission and Sustainable Green Energy

Message from the Guest Editors

The global transition to sustainable energy sources has emerged as a critical priority to combat climate change and minimize the environmental damage caused by traditional fossil fuels. Renewable fuels, effective carbon emissions management, and sustainable green energy initiatives are key components in building a cleaner and more resilient energy future. Innovative technologies and improvements to existing systems are essential to advancing cleaner energy solutions that balance efficiency and economic viability. Effectively reducing carbon emissions requires a comprehensive strategy that includes renewable biofuels, hydrogen energy, carbon capture and storage, and advances in solar and wind energy technologies. This Special Issue aims to showcase cutting-edge research and technological advances in renewable fuels, emission reduction strategies, and sustainable energy systems. We invite submissions on a wide range of topics including:

- Biofuels and other renewable fuel alternatives
- Carbon capture, utilization and storage
- Hydrogen generation and fuel cell technologies
- Innovation

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. *Sustainability* publishes original research articles, review 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. Marc A. Rosen

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