Special Issue

Renewable Fuels: A Key Step Towards Global Sustainability

Message from the Guest Editor

Renewable fuels continue to gain attention as a key component in the global pursuit of sustainability, especially in reducing greenhouse gas emissions and addressing climate change. As the world transitions from reliance on fossil fuels to more sustainable energy sources, renewable fuels offer a practical and scalable solution for decarbonizing energy-intensive sectors, including transportation, industry, and power generation. These fuels are produced from natural, replenishable resources such as biomass, organic waste, algae, and renewable electricity, making them a sustainable alternative to conventional fossil fuels. Based on before, this Special Issue aims to present and disseminate the latest advancements in:

- Biofuels in transportation;
- Green hydrogen for industry;
- Renewable fuels and carbon neutrality;
- Biogas from organic waste;
- Sustainability of biomass;
- Challenges of renewable fuel production;
- Renewable fuels for aviation;
- Biomethane in power generation;
- Policy support for renewable fuels.

Guest Editor

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About the Journal

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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