

Special Issue

Sustainable Aviation Fuels and Bioenergy

Message from the Guest Editor

Global climate change and the depletion of resources are crucial issues in modern society. Moreover, population growth and rapid industrialization have resulted in increased energy demand. To meet this demand, developed and developing countries must adopt sustainable waste management methods. The aviation sector is expanding. The decarbonization of this sector is an ongoing challenge. Sustainable aviation fuels (SAF) represent a promising solution that will be developed in the coming years, and the utilization of waste materials will contribute to the production of biojet fuels. This Special Issue will focus on sustainable aviation fuels from the production stage to the property determination and upgrading stages. The expected topics include the following:

- Studying new biomass feedstocks;
- Examining various pathways for SAF production;
- Assessing waste-to-energy processes and plants;
- Applying innovative catalytic techniques for producing and upgrading biofuels;
- Using several chemical analysis techniques for SAF characterization;
- Evaluating numerous advanced biofuels blends.

I look forward to receiving your contributions.

Guest Editor

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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.

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