

Special Issue

Trends and Prospects of Biofuels: Literature, Experimental, and Techno-Economic Analysis

Message from the Guest Editors

This Special Issue on "Trends and Prospects of Biofuels: Literature, Experimental, and Techno-Economic Analysis" aims to curate novel advances in the development and application of biofuels, their characteristics, and the processes involved in their production or utilization to address longstanding challenges in environmental change reduction. Relevant topics include but are not limited to the following:

- Trends and prospects of biofuels: based on municipal wastes, biomass, biosolids, biocoal, biomethane, etc.;
- Simulation of processes based on biofuels production;
- Techno-economic studies of processes in which biofuels are involved (production, utilization for electricity production, etc.);
- The use of artificial intelligence to optimize the conditions of biofuels production or using;
- Proposal of new technologies for biofuel production;
- Review of biofuel types, characteristics, production processes, uses, or others.
- Combustion, pyrolysis, anaerobic digestion, oxy-fuel combustion, hydrothermal carbonization processes simulations;
- Biofuels and power plants.

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Editor-in-Chief

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