



Biofuels Production and Utilization

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Message from the Guest Editors

Dear Colleagues,

Biofuels can be used without major changes to the petroleum-based fuel infrastructure and are very diverse, such as biodiesel, bioethanol, biomethane, biohydrogen, bio-oil, wood pellets, and wood chips. Various evolutions are expected, including biological, thermochemical, physical, and electrochemical conversion technologies. This Special Issue aims to address recent advances and understandings in these areas, particularly in the field of production and utilization of biofuels using non-edible biomass such as animal and plant waste fat, woody biomass, organic waste resources, and microalgae. Papers on novel biofuel conversion technologies related to feedstock pretreatment, (bio) chemical catalyst development, catalyst and process evaluation, process optimization, and scale-up are invited.

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Guest Editors





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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