



Sustainable Development of Biofuels

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Message from the Guest Editor

Climate change is already a major challenge for today's society and we have to rush for the implementation of a sustainable bio-based economy where biofuel must play a leading role altogether with other renewable energies. Such challenge involves the sustainable replacement of fossil-derived fuels and energy by sustainable biofuels in the transport sector but also in the generation of residential and industrial heat and power.

This Special issue aims to show recent advances in the development of sustainable biofuels all along the chain value. Promising feedstocks, processes, integral biorefineries, and uses in the transport sector and heat and power generation will be provided and discussed to give and in-depth overview of the state of the art with broad spectrum of sustainable biofuels. For the sustainability of biofuel development, the Special issue will also address life cycle and sustainability analysis of different production technologies and, social and political interest in promoting biofuels. These facts make this Special issue very valuable for all society, i.e. social communities, biofuels companies, scientific community and decision makers.





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Message from the Editor-in-Chief

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