

## Special Issue

# Biofuels Production and Sustainability

### Message from the Guest Editors

The global demand for energy is mainly met by fossil fuels, which are unsustainable on one hand and their combustion emissions are harmful to the environment on the other. With the increasing energy demand, finding sustainable and safer alternative energy sources becomes crucial. Biofuels, derived from renewable biomass, are among the most promising renewable energy sources. Besides being renewable, they are CO<sub>2</sub> neutral and their combustion emissions are less harmful than those of fossil fuels. In addition, biofuels appear to be the closest alternative to replace fossil fuels in various applications, particularly in the transportation sector, which is a main fossil fuel consumer and a major contributor to global environmental pollution. However, for biofuels to realistically replace fossil fuels, they need to be produced in competitive quantities and costs, which will require advancement in their production technologies and diversification of their feedstock. This Special Issue aims to present cutting edge research concerning the production of biofuels from various feedstock. Research work on all types of biofuels are considered.

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### Guest Editors

Prof. Dr. Sulaiman Al-Zuhair

Prof. Dr. Luqman Chuah Abdullah

Dr. Wei Du

Dr. Hanifa Taher

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### Deadline for manuscript submissions

closed (30 June 2022)



## Sustainability

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## Editor-in-Chief

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