

Special Issue

Advances in Biomass Conversion to Biofuel Technology

Message from the Guest Editors

We are facing times when fossil fuels are scarce, and their use brings with it various environmental problems. Given this, biomass appears as an attractive alternative due to its carbon neutrality and being a renewable source; however, its characteristics as a fuel are not comparable with traditional fuels. This is why the search for new and innovative ways to convert biomass into biofuels is necessary in these times. The development of new technologies that allow the generation of solid, liquid, or gaseous biofuels with notable characteristics is necessary for sustainable development and in pursuit of the circular economy. This Special Issue on “Advances in Biomass Conversion to Biofuel Technology” seeks high-quality works focusing on new or optimized ways of producing biofuels from biomass, whether by chemical, thermochemical, or biochemical means. Topics include, but are not limited to, the following:

- Chemical biomass conversions processes;
- Thermochemical biomass conversion processes;
- Biochemical biomass conversion processes;
- Biomass conversion processes simulations;
- Scaling up to industrial processes.

Guest Editors

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