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Biomass Pretreatment and Biomass Conversion to Biofuels

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Message from the Guest Editors

This Special Issue will cover all aspects related to pretreatment technologies for the processing of biomass and further conversion of biomass to biofuels. Emphasis will be given to the new advancements in biological processes, such as fermentation and anaerobic digestion of biomass for achieving high yields of biofuels.

Topics of interest include, but are not limited to:

- Cost-effective biological and thermochemical pretreatments for the conversion of biomass;
- Factors influencing biomass conversion, such as the composition and structure of biomass;
- Biomass conversion to liquid fuels through fermentation;
- Advancements in anaerobic digestion of biomass for higher yield in gaseous fuels;
- Anaerobic co-digestion of biomass;
- Process inhibitors and challenges in biological conversion of biomass and the strategies to eliminate them;
- Economics of biomass conversion to fuels via biological processing.

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Message from the Editor-in-Chief

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