

Special Issue

Pretreatment and Bioconversion of Crop Residues II

Message from the Guest Editors

Decreasing the dependence on fossil resources is crucial for alleviating climate change threats. Biorefineries are an alternative for producing fuels and chemicals that are, today, produced by fossil-based industries. Crop residues, generated in large amounts due to the expansion of agricultural production, are renewable and cost-effective feedstocks for biorefineries. Pretreatment is fundamental for lignocellulose biorefining, since it activates cellulose for enzymatic saccharification and facilitates the selective separation of biomass components for their further processing. The effectiveness of pretreatment is feedstock-dependent, and efficient methods need to be developed, so that the biorefining of different crop residues can be implemented at the commercial scale. As a response to the readers' acceptance of the recently published Special Issue "Pretreatment and Bioconversion of Crop Residues", we are pleased to invite contributions to the second edition of the series. This call is aimed at presenting the latest advances in pretreatment and novel bioconversion approaches applicable to agricultural, agro-industrial, and food industry residues.

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