



Efficient Technology for the Pretreatment of Biomass

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Message from the Guest Editors

Dear Colleagues,

Resource recovery from different kinds of waste, such as sludge, food waste, municipal solid waste, and animal waste (manure and slaughterhouse waste) is particularly interesting from an environmental point of view, as it also reduces environmental pollution. In addition, lignocellulosic biomass and algae, which do not compete for food production, represent an important source of renewable resources (i.e., energy and other value-added products). However, a pretreatment step is generally required before biomass (bio)-conversion into valuable products in order to increase the process yield and/or productivity.

This Special Issue aims to gather research papers on recent developments of biomass pretreatments for biomaterial, chemicals, biofuel or bioenergy production, in the fields of Chemistry Sciences, Process Engineering, Chemical Engineering, Modeling and Control, Energy and Fuels, and Bioprocesses. Review articles are also welcome.





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Message from the Editor-in-Chief

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