Special Issue

Green Conversion and Biorefinery Processes of Waste and Biomass Materials

Message from the Guest Editor

Some of the major efforts towards protecting the environment include conversion and biorefinery for valorization, reducing waste, and producing energy and value-added chemicals. One of the main goals of conversion and biorefinery is to minimize waste and biomass materials with environmentally friendly processes. By applying this route of material sources and catalyst methods, the cost of the product will be lower. Moreover, using a catalyst reaction of green technology for conversion to value-added chemicals and energy replaces environmentally harmful materials that may be toxic or polluted. This Special Issue welcomes submissions in the form of original research papers or reviews which reflect current research in the conversion and biorefinery field, with a focus on the following specific topics:

- Green catalyst materials for conversion and biorefinery of waste and biomass materials;
- Utilizing green solvent to the medium of conversion processes;
- Multiple heating methods for reacting efficiencies;
- Selecting optimization methods for large-scale and practical application.

Guest Editor

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Deadline for manuscript submissions

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Editor-in-Chief

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