



Sustainable Development of Waste towards Green Growth

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Deadline for manuscript
submissions:

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Message from the Guest Editors

Dear Colleagues,

Various research strategies have been investigated (a few of which have been implemented) for the conversion of municipal and industrial low-value substrates (sidestreams, residuals, and wastes) into a range of value-added products. This has been in line with global awareness of the need for a paradigm shift from an unbalanced linear economy to a circular bioeconomy to attain green growth. Its success is dependent on the increased rate at which the nutrients present in low-value substrates are recovered in the form of, for example, biofuels, biochemicals, and feed and food that society needs. This Special Issue aims to gather recent cutting-edge research approaches towards the valorization of low-value substrates, including:

- Biological (aerobic and anaerobic methods) and energy-recovery (e.g., gasification, pyrolysis) strategies;
- Strategy integration towards a wide range of value-added products, energy efficiency, etc.;
- Techno-economic analysis and life-cycle assessment of potential valorization processes.





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Message from the Editor-in-Chief

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