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Organic Waste Valorization for Bioenergy, Biofuels, and Value-Added Products

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Message from the Guest Editors

Dear Colleagues,

The world produces 2.01 billion tonnes of municipal solid waste per annum. Organic fractions of municipal waste represent one of the major dumping wastes in our day-to-day life. By 2030, it is expected that global waste could reach 3.40 billion tons. Hereafter, it is an alarming situation for the world's scientific community to shift focus toward the development of biological processes which could utilize waste as a substrate, simultaneously playing a role in economic development (Dahiya et al., 2018).

This Special Issue aims to present and disseminate the most recent advances related to organic waste utilization (food waste, kitchen waste, fruit waste, etc.) for bioenergy, biohydrogen, renewable chemicals, biopolymers, and other value-added products.

Topics of interest for publication include, but are not limited to: bioenergy production (biohydrogen or biomethane); biopolymers and biocomposites; short-chain and/or medium-chain fatty acids; bioethanol or biodiesel; succinic acid production; resource recovery from waste; biorefinery systems; waste valorization.

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Message from the Editor-in-Chief

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