



Waste-to-Fuel, Process, and Its Applications

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Message from the Guest Editors

This Special Issue on “Waste-to-Fuel, Process, and Its Applications” intends to invite novel research that addresses challenges in the wide-ranging area of waste-to-energy technologies, integrated waste conversion approaches, biorefineries, green energy and production of renewable, and sustainable energy. Topics comprise but are not constrained to the following:

- Waste-to-energy technologies;
- Green energy production from waste products;
- Process modeling/experimentation of conversion technologies based on waste;
- Potential approaches and optimization of energy recovery from different waste resources;
- Distinct application of green fuel (such as engines, fuel cells, and so on);
- Greenhouse gas emission analysis from waste-to-energy approach;
- Circular bio-economy and life cycle analysis;
- By-product (fertilizer, metal recovery, etc.) from waste feedstock conversion.

Keywords: waste-to-fuel technologies; green energy; renewable and sustainable energy; bioenergy and fuels; waste valorization and biorefineries; integrated waste conversion approaches; bio/circular economy





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Message from the Editor-in-Chief

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