



Food Waste Valorization and Anaerobic Digestion

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Message from the Guest Editor

Dear Colleagues:

Anaerobic digestion (AD) from organic waste has gained worldwide attention because it offers significant environmental and economic benefits. Through recycling, it is possible to reduce local waste, conserve resources, reduce greenhouse gas emissions, and improve economic resilience in the face of a future where waste management and energy production are uncertain.

This Special Issue, entitled “Food Waste Valorization and Anaerobic Digestion”, aims at contributing to the domain with novel approaches, advancements, and practices in food waste valorization with anaerobic digestion systems toward the implementation of circular economy principles.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Energy utilization from food waste.
- Reactor technologies for food waste.
- Biogas upgrade and digestate utilization.
- Dark fermentation of food waste.
- Hydrogen production.
- Driving the energy and agroecological transition.

I look forward to receiving your contributions.

Dr Angeliki Maragkaki

Guest Editor



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Message from the Editor-in-Chief

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