Special Issue

Anaerobic Fermentation of Agricultural Waste and Sustainable Bioenergy Recovery

Message from the Guest Editors

In the face of growing demand for renewable energy sources and the need to reduce greenhouse gas emissions, the anaerobic fermentation of agricultural waste is becoming a key technology supporting sustainable development. Agriculture, as one of the largest producers of organic waste, has enormous potential to convert these materials into biogas and other useful products in an environmentally friendly way. This Special Issue aims to bring together the latest research and examples of implementations that are part of the global energy transition and the development of a circular economy. It welcomes original research articles, literature reviews, case studies, implementation analyses, reviews and policy-related articles. Topics of particular interest include, but are not limited to, the following:

- Co-fermentation;
- Anaerobic digestion;
- Agricultural waste;
- Sustainable bioenergy recovery;
- Innovative technologies;
- Fermentation process modelling;
- Biogas yield optimisation;
- Post-digestion management.

Guest Editors

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Editor-in-Chief

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