

Special Issue

Anaerobic Digestion of Food Waste: New Research, Challenges and Opportunities

Message from the Guest Editors

Anaerobic Digestion (AD) is one of the most suitable technologies for stabilizing organic wastes. As the biogas industry moves towards energy production, food waste is becoming a promising substrate for AD. On the other hand, although AD is consolidated and widely applied in the treatment of wastewater, the adoption of AD for food waste management still faces a number of technical and economic challenges. Recent research on different strategies to enhance AD of food waste—including co-digestion, addition of micronutrients, control of foaming, improved process design and integration of AD in combined biorefinery processes—have been proposed. However, further efforts are required to effectively improve the AD process from food waste. The goal of this Special Issue is to publish both recent innovative research results and review papers on strategies to enhance AD of food waste, increasing understanding of the fundamental biological process and techno-economic analyses. Submissions concerning the most recent applications of anaerobic processes (e.g., dark and photo fermentation) are also of interest.

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Welcome to an open access journal, *Fermentation*, which meets the growing need for a high quality peer-reviewed international journal with easy access to all researchers globally. We hope that you will share our enthusiasm for this journal and look forward to working with you to make *Fermentation* a leader in its field. Your contributions are vital for the success of this journal. Proposals for editing a special issue for a particular topical area are always welcome.

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