# Special Issue

# Recent Advances in Anaerobic-Digestion-Based Biorefinery

### Message from the Guest Editor

Anaerobic digestion is a negative-carbon method that could contribute to achieving global sustainable development goals, as it can reduce pollution while recycling energy and high-value-added products (e.g., lactic acid, volatile fatty acids, and biostimulants). However, the physicochemical properties of different substrates significantly affect their anaerobic digestion performance. For example, anaerobic digestion of wastewater has undergone obvious progress and is more efficient than that of organic solid wastes, which makes the universal application of anaerobic digestion challenging. In particular, its long reaction period, low methane yield, low organic degradation rate, poor stability and undesirable byproducts greatly limit the applicability of anaerobic digestion to organic solid wastes. The general understanding of anaerobic digestion in solid-state (e.g., organic solid wastes) and liquid-state (e.g., wastewater) substrates needs to be further improved.

### Guest Editor

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### Deadline for manuscript submissions

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