Special Issue

Anaerobic Digestion and Biogas Production as a Renewable Energy Source with Increasing Potential

Message from the Guest Editor

Anaerobic digestion of organic material and, hence, biogas production was recognized as a renewable energy source already in the middle of the last century. While there was an accelerating development of household scale biogas plants, the development of industrial-scale applications was inhibited and gathered pace in the beginning of this century. Together with the development of industrial-scale biogas plants, research in anaerobic digestion has increased tremendously. Today, research is abundant in all fields of anaerobic digestion, biogas application, and even new fields of additional product generation all over the world. This research has opened up new fields for the production of biogas and co-products, for the application of biogas as a renewable source, and for the widening of materials suitable as feedstock for anaerobic digestion. This Special Issue will gather recent original research in all relevant fields of anaerobic digestion and biogas production with a focus on feedstock, optimizing the anaerobic digestion process, treatment of digestate, and new co-products. A special focus will be given to the transition from laboratory-scale to pilot plant application.

Guest Editor

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Deadline for manuscript submissions

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Editor-in-Chief

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