



Industrial Application of Anaerobic Digestion

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Message from the Guest Editors

I would like to invite you to this Special Issue dealing with the industrial application of anaerobic digestion. As we all know, our overall energy demand and how we meet this demand by using fossil fuels is leading to tremendous changes in the climate. At the same time, we are polluting our environment with organic and inorganic compounds. Anaerobic digestion to produce the energy vector biogas enables the combination of both challenges, finding alternatives for fossil fuels while using organic material to cover our energy demand. Moreover, it provides several additional advantages like production of digestate, the liquid and solid residues from anaerobic digestion which are still rich in nutrients other than carbon, huge opportunities of gas utilization, variety of applied feedstocks and many more. The targeted topics to be included in this issue are

- Anaerobic microbiological treatment of residues from industrial and agroindustrial processes
- Applications and integration of AD in industrial processes
- Microbiological utilization of CO₂
- Treatment and utilization of residues from anaerobic digestion





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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