



New Frontiers in Anaerobic Digestion (AD) Processes

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Message from the Guest Editors

Anaerobic digestion (AD) is widely used to process a variety of organic materials, but a major share of its full potential currently remains unlocked.

This Special Issue on “New Frontiers in Anaerobic Digestion (AD) Processes” seeks original contributions that focus on recent developments and advanced concepts related to the valorisation of biomass under application of anaerobic digestion. Topics of interest include, but are not limited to:

- optimised operating regimes for AD processes;
- novel or significantly improved reactor configurations;
- progress in overcoming process inhibitions and ensuring process stability;
- modelling and control strategies;
- valorisation of biogas components in high-value applications;
- integrating AD into biorefinery concepts;
- integrating AD and renewables in power-to-gas applications;
- synergistic integration of AD into chemical and biochemical processes;
- AD process integration at the industrial scale; and
- sustainable concepts for decentralised, small-scale AD processes.





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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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