Special Issue

Intensifying Anaerobic Digestion: Biotechnological Innovations for Enhanced Energy Conversion

Message from the Guest Editor

This Special Issue aims to delve into the multifaceted role of AD in forging a sustainable future, and specifically focuses on the following topics:

- **AD Intensification:** We seek submissions that explore groundbreaking approaches to enhancing biogas production and the quality of the digestate.
- **Enzymatic Biotransformation:** We encourage the submission of research that details the pivotal role of enzymes and microorganisms in optimizing feedstock breakdown and improving AD efficiency.
- **Circular Bioeconomy Integration:** This Special Issue emphasizes the critical role of AD in closing nutrient loops and fostering sustainable waste management.
- **Environmental Implications:** We aim to analyze the profound environmental contributions of intensified AD.
- **Techno-economic studies:** The special issue will also welcome studies that evaluate the economic viability and technical feasibility of the proposed strategies.

Guest Editor

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Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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