Special Issue

Anaerobic Digestion of Organic Waste: State of the Art and Future Perspectives and Challenges

Message from the Guest Editor

We invite submissions to a Special Issue of the journal *Energies* on the topic of Anaerobic Digestion of Organic Waste: State of the Art and Future Perspectives and Challenges. For this Special Issue, we would like to encourage original contributions and reviews regarding new perspectives of anaerobic digestion, overcoming the simple vision of biogas for energy, and facing future challenges in a context without subsidies or feed-in-tariff schemes. Potential topics include: economic analysis, role of anaerobic digestion in an integrated production of chemicals and energy (biorefineries), optimization when combining with other processes for chemical or fertilizer recovery, anaerobic processes for syngas and/or hydrogen conversion to biomethane, gas/electrical grids integration, business models optimizing integral organic waste management, and, in general, the role of anaerobic digestion in a circular economy. Keywords: anaerobic digestion; organic waste management; biomethane; energy networks integration; carboxylic acids; nutrients recovery; syngas upgrading; methanation; economic sustainability; circular economy

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Deadline for manuscript submissions

closed (31 January 2022)

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About the Journal

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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