Special Issue

Innovative Biotechnologies towards Energy-Efficient Treatment of Wastewater

Message from the Guest Editors

This Special Issue, “Innovative Biotechnologies Towards Energy-Efficient Treatment of Wastewater”, offers an opportunity for scientists from across the world to exchange ideas and practical insights on how to develop energy-efficient wastewater treatment plants. Therefore, in this Special Issue, we are calling for authors to submit their novel research and review articles on topics related to innovative biotechnological techniques for the Energy-Efficient Treatment of Wastewater and additional resource recovery. The following is an overview of the primary concepts:

- Anaerobic membrane bioreactors;
- Microbial fuel cells (MFC) for electricity generation and Wastewater treatment;
- Anammox;
- Resource recovery from wastewater and sludge;
- Microbes-based approaches for the treatment of contaminants;
- Organic and inorganic amendments in efficiently improving microbe and algae treatment;
- Carbon sequestration from wastewater;
- Other cutting-edge biotechnologies for effluent treatment;
- Bioremediation and resource recovery from wastewater treatment plants;
- Phytotreatment of municipal and industrial wastewater;

Guest Editors

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Deadline for manuscript submissions

closed (13 October 2023)

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Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

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