Special Issue

The Innovations in Anaerobic Digestion Technology

Message from the Guest Editors

Anaerobic digestion (AD) plays a crucial role in wastewater management, with its importance being widely proved by the ability to manage organic waste, reduce greenhouse gas emissions, and generate renewable energy, aligning with global sustainability goals. With this Special Issue of Water, we provide a platform for the publication of original articles and reviews regarding the innovations in anaerobic digestion technology. The scope of this Special Issue includes, but is not limited to, the following: anaerobic treatment of municipal, agricultural, and industrial wastewater; pre- and post-treatment strategies for AD; novel and integrated anaerobic processes; biogas upgrading; recovery of value-added products from wastewaters; economic and environmental sustainability analysis in AD; and the circular bioeconomy concept in AD. This Special Issue will offer valuable insights into cutting-edge issues in AD, making this collection a pivotal resource for those seeking the latest developments in anaerobic technologies.

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Message from the Editor-in-Chief

In the context of global changes, the sustainable management of water cycles, going from global and regional water cycles to urban, industrial and agricultural water cycles, plays a very important role on the water resources and on their relationships with food, energy, biodiversity, ecosystem functioning and human health. *Water* invites authors to provide innovative original full articles, critical reviews and timely short communications and to propose special issues devoted to new technological and scientific domains and to interdisciplinary approaches of the water cycles. We ensure a critical review process and a quick turnaround between submission and final decision.

Editor-in-Chief

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