

Special Issue

Applications of Anaerobic Digestion Technology in Wastewater Treatment

Message from the Guest Editor

This Special Issue will focus on the latest advancements in anaerobic digestion (AD) for wastewater treatment. It aims to explore innovative methodologies and technological enhancements that improve the efficiency, adaptability, and sustainability of AD processes. This Special Issue will cover innovative AD processes, effective pre-treatment techniques, supplementation strategies to boost performance, and the integration of AD into other biological systems to enhance treatment efficiency and energy use. It will also include real-world applications, technical improvements, and case studies demonstrating the practical benefits and challenges of AD technology. This Special Issue will address the emerging demand for more adaptable and efficient AD processes, and the challenges faced. It will highlight technological enhancements, interdisciplinary approaches, and practical applications, providing significant contributions to the field by filling in current research gaps and promoting advanced AD technology in wastewater treatment.

Guest Editor

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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

Dr. Jean-Luc PROBST

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