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Sustainable Technologies by Advanced Anaerobic Wastewater Treatment

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Deadline for manuscript submissions:
closed (15 September 2023)

Message from the Guest Editors

Dear Colleagues,

Wastewater treatment in the anaerobic approach offers many advantages compared to the conventional activated sludge (CAS) process, such as a small footprint, less waste sludge production, low greenhouse gas emissions, low cost, and energy recovery potential. The configuration of reactors used in the anaerobic treatment generally includes continuous a stirred tank reactor (CSTR), an up-flow anaerobic sludge blanket reactor (UASB), an anaerobic membrane bioreactor (AnMBR, which combined the anaerobic digestion with membrane separation), and microbial fuel cells. In the anaerobic treatment process, the technologies included not only traditional anaerobic digestion, but also some approaches based on newly discovered anaerobic microorganisms. This Special Issue on " Sustainable Technologies by Advanced Anaerobic Wastewater Treatment " of the Journal of *Sustainability* aims to highlight the recent advancements on anaerobic treatment technology in wastewater treatment and discuss the challenges and opportunities for the future development.

We look forward to receiving your contributions.

Dr. Jiayuan Ji
Dr. Yu Qin
Prof. Dr. Yu-You Li
Guest Editors

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Editor-in-Chief

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Message from the Editor-in-Chief

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