Special Issue

Advanced Wastewater Treatment from Decontamination to Energy Production

Message from the Guest Editors

Wastewater is a potential source of massive contaminants, causing the eutrophication of surface water to the environment. On the other hand, wastewater is a great resource for producing energy and energy sources such as electrical energy, methane gas, and hydrogen gas. For example, ammonia has recently gained much attention for the production, storage, and transport of hydrogen. As environmental engineers, it is of great importance for us to protect the health of humans, animals, and ecosystems by removing contaminants, as well as to produce green energy by recycling resources from wastewater. Therefore, it is very important to compile recent advances in the decontamination of micropollutants from wastewater, and energy production using wastewater as a resource to provide environmental engineers with sound water management technologies for a more sustainable development. As a consequence, we will collect papers on the current technologies for micropollutant treatment in wastewater and energy production technologies using the resources present in wastewater.

Guest Editors

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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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