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Water Quality Engineering and Wastewater Treatment III

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Message from the Guest Editors

Clean water is one of the most important natural resources on Earth. Wastewater, which is spent water, is also a valuable natural resource in the world. However, wastewater may contain numerous contaminants and, thus, cannot be released back into the environment until these contaminants are removed. Untreated wastewater and inadequately treated wastewater may have a detrimental effect on the environment and harmful effect on human health. Water quality engineering addresses the sources, transport, and treatment of chemical and microbiological contaminants that affect water. Our objective is the treatment of wastewater such that the treated wastewater meets national effluent standards for the protection of both the environment and public health.

- advanced wastewater technology
- onsite wastewater treatment
- natural wastewater treatment system
- biological treatment
- physicochemical treatment
- tertiary treatment
- water quality
- sludge treatment and disposal
- energy-efficient wastewater treatment
- water reuse
- resource recovery
- municipal wastewater
- industrial wastewater
- nutrient removal



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Special Issue



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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.

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