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Water Pollution Control Using Eco-treatment Systems

Guest Editor:

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Message from the Guest Editor

Wastewater eco-treatment systems, e.g., constructed wetlands, have been developed as an alternative to conventional centralized wastewater treatment systems in the last few decades. They normally comprise a suite of recognized eco-technologies that are designed and constructed to mimic and manipulate the simultaneous physical, chemical, and biological processes occurring in natural systems for wastewater treatment purposes.

Along with the growing attention to eco-treatment technology, e.g., constructed wetlands, the design and construction have been extended from traditional basic models to various new configurations, technical amendments, and operations to improve the performance for pollution removal. Thus, the application of eco-treatment systems has significantly expanded from polishing tertiary and secondary effluent of centralized wastewater treatment plants to the treatment of various industrial effluents.

It is a good time to organize a Special Issue on the status of research and application in this field. Contributions from researchers with different backgrounds are appreciated and welcome.



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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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