Special Issue

Advances in Processes Understanding and Designs of Constructed Wetlands Applied for Treatment of Various Wastewater Sources

Message from the Guest Editors

Constructed wetlands are today an established sustainable treatment technology with many diverse applications ranging from domestic and municipal wastewater till sludges and various industrial effluents. Although in use for many decades, it is in the last 15–20 years that research has intensified and the number of applications has increased. The development of this green technology is still ongoing, and novel designs and applications occur frequently. However, there are still gaps in fundamental processes understanding in constructed wetlands as bioreactors. Therefore, this Special Issue aims at providing the current knowledge of pollutant removal–transformation processes and mechanisms taking place in wetland beds, combined with the presentation of novel applications of this treatment technology. Contributions will be accepted on research developments, innovative designs, and experiences from full-scale applications. Review papers summarizing the existing knowledge and technological status of different hybrid systems are also welcome, after coordination with the Special issue 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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