Special Issue

Constructed Floating Wetlands for Water Treatment

Message from the Guest Editor

Constructed Floating Wetlands (CFWs) are a relatively recent innovation for both stormwater and wastewater treatment. CFWs consist of a buoyant structure planted with wetland plants where the plant roots grow directly into the water column similar to a hydroponic system. The large root network provides habitat for the growth of microorganisms (biofilms) which facilitate contaminant removal and capture of suspended particles within the water source. The biofilm also makes pollutants available for adsorption, absorption and incorporation into plant tissue. This Special Edition entitled "Constructed Floating Wetlands for Water Treatment" aims to highlight the latest advances in the use of CFWs to improve urban stormwater quality and wastewater treatment. This can include a broad range of topics, including reporting on new CFW lab and field studies, innovative CFW design, CFW habitat and amenity studies, CFW sustainability studies, CFWs and water management practices and policies, [...]
For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/95V1FUT90J

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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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