Special Issue

Nature-Based Solutions for Agricultural and Agro-Industrial Wastewater

Message from the Guest Editors

The world's water resources are increasingly coming under pressure from overexploitation of aquifers, climate change, drought and pollution of freshwater resources. The agricultural and agro-industrial sectors require a large amount of water and can be particularly vulnerable to scarce or intermittent water resources. In addition, these sectors generate significant volumes of wastewater that can impact the quality of freshwater. Wastewater treatments can be expensive and require qualified personnel for O&M, which is not always possible especially in small agro-industrial realties. Nature-based solutions (NBS) can be an effective answer to the needs for wastewater treatment and climate adaptation, but they can also supply ecosystem services while requiring low O&M costs. This Special Issue requests papers that explore different aspects of NBS, from sustainable tools for wastewater management, to ecosystem services (ES) provided by NBS, identifying spatial criteria for NBS location, and the economic impact of NBS in the agricultural and agro-industrial economy.

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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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