

Special Issue

Advanced Roles of Constructed Wetlands: Environmental Mitigation, Ecoservices and Resource Recovery

Message from the Guest Editors

To support the implementation of constructed wetlands (CWs) as a sustainable, eco-friendly, and cost-effective treatment technique, water management must be considered a land use issue. They can serve as a means for resource recovery and to mitigate diffuse agricultural pollution. Unfortunately, the lack of recognition of these advantages and additional eco-services, plus the lack of alignment between environmental policies and implementation strategies, have restricted the application of CWs. Therefore, the study of novel, robust, and sustainable methods to recover resources from CWs are important to support human and ecosystem health, and to promote the circular economy concept. In addition, the study of hydro-morphology, nutrients/pollutants, and carbon dynamics aspects is important to effectively integrate constructed wetlands in the landscape. In this context, this Special Issue aims to inform potential uses of constructed wetlands, beyond treatment plants of point sources of pollution. It will promote their insertion in the landscape and within waterways to mitigate environmental pressure and generate eco-services.

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