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Hydrological Processes behind Wetland Management and Restoration

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Message from the Guest Editor

Although peatlands, floodplains, estuaries, and other wetlands have gained significant importance in the scientific literature over the past decade, these water-dependent ecosystems still require in-depth research to assure we know their functions and how to wisely manage them. Despite the increasing awareness of the role of wetlands in supplying valuable services to societies and economies, their status is still (if not more than in the past) threatened by agriculture, urban sprawl, tourism, and pollution. In particular, research on hydrological processes such as water supply, water flow, evapotranspiration, and feedbacks on these processes is required for appropriate management and restoration of wetlands.

This issue will focus on the documentation of hydrological processes governing the responses of wetlands to management and restoration. This issue also aims to improve our knowledge of wetlands that persist in a near-natural state and document hydrological processes behind their resilience to climatic and human-induced pressures.

For further reading, please follow the Special Issue Website at:

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Message from the Editor-in-Chief

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