Special Issue

Ecohydrological Conditions and Modeling of Wetlands

Message from the Guest Editors

Hydrology plays a central role in wetland ecosystems. Assessing the ecohydrological conditions of wetlands through modeling can help local and regional ecological restoration and environmental management, including the tendency of eutrophication, algae bloom, biodiversity, nutrients, and their response to climate change in rivers, lakes, reservoirs, and swamps. Water structure and the function of ecosystems and wetlands are gradually deteriorating with anthropogenic and climatically induced environmental change. Our understanding of the transport and dispersion of contaminant phenomena in natural fluid flows is gaining increasing relevance for ecological restoration and protection. This Special Issue aims to assemble contributions on understandings of hydrologic conditions and the modeling of wetlands and ecology problems. Model construction, mechanism disclosure, management measures, as well as review papers are encouraged for submission to this Special Issue. For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Ecohydrological_Wetlands

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Deadline for manuscript submissions

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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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