

## Special Issue

# Ecohydrological Processes, Environmental Effects, and Integrated Regulation of Wetland Ecosystems

### Message from the Guest Editors

Wetlands are among the most important ecosystems on Earth and play important multiecological service functions such as providing productivity, regulating climate, purifying water quality, sequestering carbon, and controlling floods. The intense anthropogenic disturbances have greatly degraded wetland functions by draining, dredging, and filling wetlands, modifying the hydrological regime, constructing artificial facilities, and polluting wetland habitats. Wetland habitats have been greatly threatened by the abovementioned human pressures and climate change, which can not only affect primary and secondary productivity, community composition and distribution, and biodiversity, but also impact natural ecohydrological and biogeochemical processes. Meanwhile, the ecosystem services of wetlands have also been degraded due to changing wetland hydrology.

We invite you to contribute your recent research in relation to understanding ecohydrological processes, environmental effects, and integrated regulation in wetland ecosystems to wetland conservation and management.

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### Guest Editors

Prof. Dr. Junhong Bai

Dr. Tian Xie

Dr. Laibin Huang

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### Deadline for manuscript submissions

closed (31 October 2022)



## Water

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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.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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