

## Special Issue

# Research on Wetland Ecohydrology

### Message from the Guest Editors

Wetlands are defined by their unique hydrology, biogeochemistry, and ecology. Changes in hydrological regimes can profoundly alter wetland structure, function, and biodiversity, thereby contributing to wetland loss. Conversely, modifications to wetland structure and function are pivotal in regulating hydrological regimes and shaping riverine habitats. Consequently, it is necessary to elucidate changes in wetland ecohydrology and understand their driving mechanisms in a rapidly changing global environment. The ecohydrological aspects of wetlands include, but are not limited to, the following: (1) The pattern of wetland vegetation and its response to hydrological regimes; (2) Wetland biogeochemical processes (e.g., carbon and nitrogen) in a warming world; (3) Wetland hydrology and its response to climate change; (4) Wetland ecohydrological models; (5) The interaction between hydrology and ecology in wetlands; (6) Wetland phenology in a changing world (e.g., warming and drying); (7) Wetland restoration and management through ecohydrological technology; (8) The wetland ecohydrological model and its implications; (9) Protecting and restoring ecohydrological processes in small wetlands.

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## Water

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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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