

Wetlands and Their Roles in the Ecohydrological Cycle under Global Climate Change

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Message from the Guest Editors

Wetlands are integral parts of the terrestrial ecohydrological cycle and may have significant impacts on water storage and distribution, water quality, ecosystem productivity, and biogeochemical cycling on land. This Special Issue aims at providing new insights and a coherent overview of different perspectives on these various roles of wetlands. Topics include:

- Developments of new methods and tools and/or case studies of general significance about wetland functions in the context of climate change (and corresponding mitigation and adaptation measures).
- Studies leading to new insights of and perspectives on the interactions on various scales between wetlands, wetland networks and their hydrological catchments, in terms of water fluxes and waterborne spreading and loading of tracers, nutrients and pollutants.
- Studies of temporal, historic to future, evolution of wetland conditions and ecosystem services under large-scale, long-term climatic change.
- Quantifications of ecosystem services provided by natural and managed wetlands and wetland networks across various catchment scales, up to continental and global perspectives.





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Message from the Editor-in-Chief

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