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Advances in Ecohydrology in Arid Inland River Basins

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Message from the Guest Editors

Under the dual driving forces of climate change and human activities, the hydrological processes and ecological patterns in arid inland river basins have undergone significant changes. Ecosystems' resilience to external disturbances has degraded. Human activities not only impact vegetation patterns and water cycles but also alter the interaction between vegetation growth processes and hydrological processes, which is closely tied to the stability and development of arid ecosystems. Recognizing the evolving patterns of hydrological and ecological processes in a changing environment is of great significance for advancing the scientific understanding of desertification control and improving the quality and stability of ecosystems.

This Special Issue of *Water* will present the latest advances in ecohydrology in arid inland river basins. Potential topics include (but are not limited to): climate change and ecohydrological responses, ecohydrological models and prediction, evolution of ecosystem hydrological processes, ecological water conveyance, water resources assessment and management.



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Special Issue



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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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