

Special Issue

Advances in Ecohydrology in Arid Inland River Basins, 2nd Edition

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. With this, 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) the following: climate change and ecohydrological responses; ecohydrological models and prediction; the evolution of ecosystem hydrological processes; ecological water conveyance; water resource assessment and management.

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Deadline for manuscript submissions

20 December 2025



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/232034

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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

Dr. Jean-Luc PROBST

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