water

an Open Access Journal by MDPI

IMPACT FACTOR 3.4

CITESCORE 5.5

Advances in Studies on Ecohydrological Processes in the Arid Area

Guest Editors:

Prof. Dr. Yaning Chen

Prof. Dr. Bin He

Prof. Dr. Zhi Li

Dr. Gonghuan Fang

Prof. Dr. Weili Duan

Deadline for manuscript submissions:
closed (31 December 2022)

Message from the Guest Editors

This Special Issue aims to investigate the advances in ecohydrological processes in the arid regions and the responses and feedbacks of ecosystems to climate change, droughts, water conveyance, etc.

Submissions will address one or more of the following issues, and closely related topics are also welcome:

- Ecohydrological processes in the arid regions;
- Responses and feedbacks of vegetation to climate change and extreme events;
- Ecological responses to regional/local water conveyance projects;
- Evaluation of ecosystem security in the arid regions;
- Impact of climate and water resource changes on ecosystems;
- Land use changes in arid and semi-arid environments;
- Water resources management and water use efficiency in arid areas;
- Function of arbuscular mycorrhiza on soil and ecological processes;
- Role of hydraulic redistribution in water availability and ecosystem function;
- Degradation and restoration of ecosystems in arid regions; and
- Satellite observations of ecohydrological process in arid regions.

water

IMPACT FACTOR 3.4

CITESCORE 5.5

an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST
ECOLAB, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, campus ENSAT, Auzeville Tolosane, France

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.
Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (*Water Science and Technology*)

Contact Us

Water Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/water
water@mdpi.com
𝕏@Water_MDPI