



water

an Open Access Journal by MDPI



Drought Impacts on Terrestrial Ecosystem

Guest Editors:

Dr. Donghai Wu

Department of Ecology and
Evolutionary Biology, Cornell
University, Ithaca, NY, USA

Dr. Peipei Xu

School of Geography and
Tourism, Anhui Normal
University, Wuhu 241002, China

Dr. Wenfang Xu

School of Atmospheric Sciences,
Sun Yat-Sen University, Zhuhai
519082, Guangdong, China

Deadline for manuscript
submissions:

closed (31 October 2022)

Message from the Guest Editors

Quantifying terrestrial ecosystem responses to drought, whose intensity and frequency are expected to increase, is a pressing ecological question under rapid climate change. To further understand the drought impacts and its ecological processes, we are inviting contributions to provide new evidences or insights to develop this field. The special issue considers researches across different time scales (historical to future) and spatial scales (regional to global). We encourage researchers to choose different methods (e.g. laboratory incubation, garden experiments, field observations, flux-net, remote sensing, ecosystem models, and earth system models) and different perspectives (e.g. plant traits, phenology, photosynthesis, vegetation dynamics, soil microbe, plant and soil, and biogeochemical cycles) to figure out the science question.



mdpi.com/si/99537

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Laboratory of Functional Ecology
and Environment, 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](https://twitter.com/Water_MDPI)