Special Issue

Drought Impacts on Terrestrial Ecosystem

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.

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Deadline for manuscript submissions

closed (31 October 2022)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/99537

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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

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