



water



an Open Access Journal by MDPI

Drought Monitoring and Forecasting at Regional and Global Scale Using Remote Sensing, Ground Observations and Global Climate Datasets

Guest Editors:

Dr. Yared Bayissa

Department of Ecology and Conservation Biology, Texas A&M University, College Station, TX 77843, USA

Prof. Dr. Assefa M. Melesse

Department of Earth and Environment, AHC-5-390, Florida International University, 11200 SW 8th Street, Miami, FL, USA

Prof. Dr. Tsegaye Tadesse

National Drought Mitigation Center, School of Natural Resources, University of Nebraska-Lincoln /815 Hardin Hall, Lincoln, NE 68583-0988, USA

Deadline for manuscript submissions:

closed (31 October 2022)

Message from the Guest Editors

This Special Issue has the theme “Drought monitoring and forecasting at regional and global scale using remote sensing, ground observations and global climate datasets”, and we welcome novel research covering drought monitoring, the development of new drought indexes or the improvement of existing indexes, drought forecasting, risk and vulnerability assessment and management, remote sensing and its application for drought monitoring, vegetation and forest drought monitoring, climate projections and application for drought forecasting, the application of machine learning for the development of drought forecasting systems, the application of in situ measurements to validate drought products, and any other drought-related studies, [...].

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/drought_monitoring_forecasting



[mdpi.com/si/95291](https://www.mdpi.com/si/95291)

Special Issue



water



an Open Access Journal by MDPI

Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, Toulouse, 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, Grosspeteranlage 5
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)