

Special Issue

Rainfall Variability, Drought, and Land Degradation

Message from the Guest Editors

This Special Issue of *Water* focuses on the critical links between rainfall variability, drought, and land degradation. We invite studies that explore:

- **Rainfall trends and hydrological changes:** How shifting precipitation patterns influence water availability, runoff, and groundwater recharge.
- **Drought severity and impacts:** Assessing the frequency, duration, and intensity of droughts and their effects on soil moisture, vegetation, and river flows.
- **Land degradation under changing climate conditions:** Examining how water scarcity contributes to desertification, loss of arable land, and ecosystem decline.
- **Remote sensing and modelling approaches:** Utilizing Earth observation data and predictive models to monitor rainfall variability and its effects on landscapes.
- **Sustainable water and land management strategies:** Addressing challenges in mitigating drought impacts and promoting resilience in vulnerable regions.

Guest Editors

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About the Journal

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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