

## Special Issue

# Hydrological and Water Resource Responses to Climate Change and Anthropogenic Interferences

### Message from the Guest Editors

- Hydrological Cycle Alterations: Changes in precipitation patterns, evaporation rates, and runoff dynamics.
- Water Resource Vulnerability: The vulnerability of freshwater resources to climate variability and extreme weather events.
- Adaptive Water Management Strategies: Water management strategies and policies that can enhance resilience and mitigate the impacts of climate change and anthropogenic interferences.
- Integrated Water Resource Planning: Integrated approaches to water resource planning and management that consider both climate change projections and societal demands.
- Remote Sensing and GIS Applications: Monitoring and prediction of hydrological changes and water resources dynamics.
- Socio-Economic Implications: Analyzing the socio-economic impacts of climate change and anthropogenic interferences on water security, food production, and human health.
- Cross-Disciplinary Perspectives: Providing comprehensive insights into the complex water-climate-society nexus.

Link:

[https://www.mdpi.com/journal/water/special\\_issues/49H0H54SF9](https://www.mdpi.com/journal/water/special_issues/49H0H54SF9)

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### Guest Editors

Dr. Song Song

Dr. Yuefeng Wang

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Dr. Yu Xu

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### Deadline for manuscript submissions

closed (20 June 2025)



## Water

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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.

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### Editor-in-Chief

Dr. Jean-Luc PROBST

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