

## Special Issue

# Sustainability in Hydrology and Water Resources Management

### Message from the Guest Editors

Dear Colleagues, we are pleased to invite you to contribute to this Special Issue, which aims to explore the latest advancements in hydrological processes, sustainable water resource utilization, ecosystem-based approaches, and adaptive management strategies. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but not limited to) the following: | Integrated strategies and policies for sustainable hydrology and water resources management; | Advanced hydrological modeling and prediction under climate variability and change; | Water quality assessment and improvement through innovative technologies; | Ecohydrological approaches for maintaining aquatic ecosystem health; | Hydrological Processes and Greenhouse Gases; | Drought and flood risk assessment, early warning systems, and adaptive management; | Socioeconomic, governance, and decision-support tools for sustainable water use; | Remote sensing, big data, and AI applications in hydrological monitoring and water management; | Assessment of global change impacts and resilience strategies for water systems. We look forward to receiving your contributions.

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### Guest Editors

Prof. Dr. Ruihong Yu  
Dr. Heyang Sun  
Dr. Xu Yang

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### Deadline for manuscript submissions

1 September 2026



## Sustainability

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# About the Journal

## Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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## Editor-in-Chief

Prof. Dr. Steve W. Lyon

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