

## Special Issue

# Aquatic Ecosystems and Water Resources

### Message from the Guest Editors

This Special Issue aims to bring together examples from around the world that reconcile the seemingly opposite objectives of maintaining aquatic ecosystems and development of water resources. The first part will summarize the current understanding of aquatic ecosystem–water linkages, such as how water flow and quality affects biodiversity, and the physical and biogeochemical ecosystem processes that regulate downstream flow and water quality. The second part of will highlight recent experiences describing management and restoration of aquatic ecosystems in the context of integrated water resource management. Examples can span from technical aspects such as the development of environmental flows for rivers, water monitoring (groundwater, biomonitoring of water quality, etc.), river channel restoration and constructed wetlands for urban wastewater, to integrated water resources management and policy development for regional water security.

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### Guest Editors

Dr. Amartya K. Saha  
Dr. Maria C. Donoso  
Dr. Shimelis G. Setegn

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### Deadline for manuscript submissions

closed (15 April 2022)



## Hydrology

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## About the Journal

### Message from the Editor-in-Chief

Hydrology is the study of the waters of the Earth. Hydrology has close ties with hydraulics, hydrogeology and the multiple sciences that study the atmosphere, the land surface, the soil and the subsoil, and ranges from complex problems of risk, forecasting and optimization of water resources to interactions with ecological, urban, social and economic systems. The purpose of *Hydrology* is then to provide a journal where research results and real-world problems can be presented and discussed in order to bridge the traditional gaps between the academic world and the professionals and decision makers. Therefore, *Hydrology*, invites authors to submit their original theoretical, field, experimental, and numerical studies on hydrology with strong emphasis on multidisciplinary approaches and interdisciplinary topics, which cross the typical boundaries of our science.

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### Editor-in-Chief

Prof. Dr. Ezio Todini

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### Author Benefits

#### High Visibility:

indexed within Scopus, ESCI (Web of Science), PubAg, GeoRef, and other databases.

#### Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1  
(Oceanography)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.9 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).