

## Special Issue

# Sustainable Water Management in Urban, Agricultural and Natural Systems

### Message from the Guest Editors

Water is a fundamental resource for producing food, fiber and other human needs and only its sustainable management in urban, agricultural, and natural systems can safeguard society's future well-being. However, the science provides incontrovertible evidence that climate is changing, affecting hydrological water cycle and consequently the availability for human needs in cities, for irrigation in agriculture, and finally flow regime in the environment. The purpose of this special issue is to collect and synthesize research that is advancing new insights and multidisciplinary developments in sustainable water management. Possible cross-sectional topics include but are not limited to: water-food-energy nexus, global virtual water, global socio-economic perspective on water management, ecological status of the river basin, water management and ecosystem services perspective, remote sensing technologies and geospatial methods for water management. Submissions addressing climate change impacts in particular are encouraged.

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### Guest Editors

Dr. Giuseppe Pulighe

Dr. Flavio Lupia

Dr. Huajin Chen

Prof. Dr. Hailong Yin

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### Deadline for manuscript submissions

closed (15 September 2021)



## 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

Italian Hydrological Society, Piazza di Porta San Donato 1, 40126  
Bologna, Italy

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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).