

Special Issue

Novel Approaches in Contaminant Hydrology and Groundwater Remediation, 2nd Edition

Message from the Guest Editor

The main purpose of this Special Issue is to introduce, apply, and compare different novel and cutting-edge science in the area of surface and groundwater contamination. For this Special Issue, we invite the submission of research articles related to water contamination, including but not limited to:

- Study of contaminant mitigation;
- Petroleum contamination and PFAS;
- Risk, hazard, and vulnerability assessment;
- Management and modeling of water contamination;
- Environmental planning toward water remediation;
- Economic and social models and impact assessment;
- Implications of water contamination on ecology and wildlife;
- Implications of water contamination on agriculture and food supply;
- Surface and groundwater contamination and Sustainable Development Goals;
- Development of monitoring tools for observing and monitoring contamination.

Welcome to Read the first edition at:

https://www.mdpi.com/journal/hydrology/special_issues/02699A5C2V

Guest Editor

Dr. Meysam Vadiati

Hubert H. Humphrey Fellowship Program, Global Affairs, University of California, Davis, CA 95616, USA

Deadline for manuscript submissions

31 December 2025



Hydrology

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



[mdpi.com/si/238175](https://www.mdpi.com/si/238175)

Hydrology
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
hydrology@mdpi.com

[mdpi.com/journal/
hydrology](https://www.mdpi.com/journal/hydrology)





Hydrology

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 5.9



[mdpi.com/journal/
hydrology](https://mdpi.com/journal/hydrology)



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.

Editor-in-Chief

Prof. Dr. Ezio Todini
Italian Hydrological Society, Piazza di Porta San Donato 1, 40126
Bologna, Italy

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 15.7 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).