

Special Issue

Integrated Assessment of Flood Risk

Message from the Guest Editors

Flooding is an extreme hydrological process in climatic events with enormous impacts on human society and ecosystems. Thus, assessing flood risks is critical for flood hazard mitigation and prevention. This Special Issue mainly focuses on the application of new concepts, new theories, and new methods in comprehensive flood risk assessment, with a view to providing systematic technical measures for flood hazard prevention and control. We invite submissions including, but not limited to, the following topics:

- Comprehensive flood risk assessment-related theories, methods, and technical frameworks;
- Flood control risk assessment of large-scale water diversion projects;
- Flood risk assessment for small reservoirs and the impact of discharge on the downstream;
- Flood risk assessment methods and techniques for small watersheds in hilly areas;
- Flood risk quantitative assessment method;
- Comprehensive assessment of flood risk from the perspective of resilience.[...]

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/9FWO46D3X5

Guest Editors

Dr. Minglei Ren

State Key Laboratory of Simulation and Regulation of Water Cycle in River Basin, Research Center on Flood & Drought Disaster Reduction of the Ministry of Water Resources, China Institute of Water Resources and Hydropower Research, Beijing, China

Prof. Dr. Gang Wang

State Key Laboratory of Simulation and Regulation of Water Cycle in River Basin, Research Center on Flood & Drought Disaster Reduction of the Ministry of Water Resources, China Institute of Water Resources and Hydropower Research, Beijing, China

Deadline for manuscript submissions

closed (25 March 2024)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/185079

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

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





Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



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



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.

Editor-in-Chief

Dr. Jean-Luc PROBST

Centre de Recherche sur la Biodiversité l'Environnement (CRBE) UMR
CNRS/UPS/INPT/IRD, Centre National de la Recherche Scientifique
(CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane,
Toulouse, France

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, GEOBASE, GeoRef, PubAg, AGRIS, CAPlus / SciFinder, Inspec, and other databases.

Journal Rank:

JCR - Q2 (Water Resources) / CiteScore - Q1 (Aquatic Science)