

Special Issue

Flash Floods: Forecasting, Monitoring and Mitigation Strategies

Message from the Guest Editors

In recent decades, flash floods have become one of the major natural disasters and show a continuously increasing trend at the worldwide scale. The magnitude of the damages associated with flash floods requires forecasting and monitoring strategies in order to understand the vulnerability factors, analyze the mechanisms of flash floods, and mitigate disasters. We kindly invite you to submit to this Special Issue your work results and contributions on flash flood events, new technologies, and novel approaches to better understand those extreme processes. The potential contributions could include but are not limited to:

- Major flash flood disaster event analysis;
- Key factors for flash floods and monitoring strategies;
- Field observations for flash flood processes;
- Modeling and forecasting of flash flood events;
- Risk assessment for flash floods;
- Prevention and mitigation measures for flash floods.

Submissions of both novel methodology and technological contributions as well as case studies for major flash flood regimes in different regions are strongly encouraged.

Guest Editors

Prof. Dr. Xiekang Wang
Prof. Dr. Philippe Gourbesville
Prof. Dr. Changjun Liu

Deadline for manuscript submissions

closed (20 November 2022)



Water

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.0



mdpi.com/si/92907

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)