



## Advances in Crisis and Risk Management of Extreme Floods

Guest Editors:

**Prof. Dr. Jorge Leandro**

**Dr. Svenja Fischer**

**Prof. Dr. Kerstin Lesny**

**Prof. Dr. Paolo Reggiani**

Deadline for manuscript  
submissions:

**25 August 2024**

### Message from the Guest Editors

Dear Colleagues,

Modern flood crisis and risk management frameworks can be categorized into four phases depending on the time interval before/after a disaster occurs. While mitigation and preparedness take place before the event and are arguably more risk management orientated, response and recovery strategies take place during and after the event and are often defined in more detail within a crisis management framework.

This Special Issue on “Advances in Crisis and Risk Management of Extreme Floods” therefore encourages the submission of manuscripts that explicitly address the following key topics:

- Emergency management (mitigation, preparedness, response, and recovery)
- Crisis and risk management
- Resilience and Risk assessment
- Community resilience and governance
- Forecasting and simulation
- Impact assessment
- Induced landslides and critical infrastructure failures
- Nature based flood risk management





*water*



an Open Access Journal by MDPI

## Editor-in-Chief

### **Dr. Jean-Luc PROBST**

Laboratory of Functional Ecology and Environment, Centre National de la Recherche Scientifique (CNRS), University of Toulouse, Campus ENSAT, Auzeville Tolosane, France

## 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.

## 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 (Water Science and Technology)

## Contact Us

---

Water Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/water](http://mdpi.com/journal/water)  
[water@mdpi.com](mailto:water@mdpi.com)  
[X@Water\\_MDPI](https://twitter.com/X@Water_MDPI)