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## Hydrometeorological Hazard and Risk Assessment

Guest Editors:

**Prof. Dr. Cheng Zhang**

**Prof. Dr. Gang Wang**

**Dr. Wuxia Bi**

Deadline for manuscript  
submissions:

**25 June 2024**

### Message from the Guest Editors

Global hazards have increased in recent years, which is mainly due to climate change, hydrological changes, meteorological changes, human activities, and so on. According to a report from the United Nations Office for Disaster Risk Reduction (UNDRR), floods account for 44% of all natural disasters, which is the highest percentage among all types of natural hazards. Floods and other hazards cause significant impacts on large-scale areas and even have a cross-border effect.

On this basis, we are running a Special Issue on recent advances in hydrometeorological hazards and risk assessment using model simulation, experimentation, integrated methods, etc.

We invite scientists in this field to contribute. The purpose of this Special Issue is to gather and promote scientific papers that deal with (but are not limited to) the following:

1. The mechanisms and effects of hydrometeorological hazards.
2. Hydrological modeling adapted to various types of hazards.
3. Experimental studies focusing on extreme events.
4. Innovative methods for hazard risk assessment.
5. Reviews of previous studies on hydrometeorological hazards and risk assessment.



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# Special Issue



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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.

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Water Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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