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Flash Floods: Forecasting, Monitoring and Mitigation Strategies

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Deadline for manuscript submissions:
closed (20 November 2022)

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.

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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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