



water



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## Flood Risk and Response Management

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Deadline for manuscript submissions:

**31 August 2022**

### Message from the Guest Editors

Dear Colleagues,

The risk landscape (including flood risk) has been subject to significant changes over recent years. Floods sometimes have a crossborder character that threatens entire regions and can affect multiple countries simultaneously, while other disasters (i.e., earthquakes) have more limited activity in terms of area. On the other hand, floods could have various causes of their formation (atmospheric, technical failures, even terrorists' actions) and, as a consequence, different mechanisms and characteristics.

The purpose of this Special Issue is to gather and promote scientific papers that deal with:

1. Innovative techniques and methods based on AR and VR that help the operational training of first and second responders.
2. Hydrological modeling adapted to mountainous and torrential hydrological conditions.
3. Modern awareness and early warning methods for safe and timely evacuation based on AI techniques and remote sensing techniques for rural and urban areas.
4. Local-scale weather forecasting models with use for the preparation and implementation of local-scale anti-flood plans.



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Special Issue



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## Editor-in-Chief

### Dr. Jean-Luc PROBST

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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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