

## Special Issue

# Historical Flood Analysis: Climate Indices, Triggering Factors and Induced Damage

### Message from the Guest Editors

Due to the scarcity of systematic observations of maximum flows in terms of their length and accuracy, historical information is a valuable supplement to data sets. Historical flood data are obtained using paleohydrological techniques, which have now made spectacular advances in accurately determining the age of floods, in quantifying the magnitude and dynamics of paleoflood events, and in integrating historical and paleoflood (both often called non-instrumental) data into various modeling procedures for risk assessment. The visible climate change which manifests mostly by the increase in the magnitude and frequency of the extreme phenomena poses new challenges for hydrologists. It is believed that historical and paleofloods were harsher than what we experience nowadays but may be the same or even smaller when compared to those in near future. Therefore, the reconstruction of the past floods can help with the creation of more robust adaptation policies for the future climate crisis.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 September 2023)



## Water

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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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### Editor-in-Chief

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