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## Statistics in Hydrology

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Deadline for manuscript  
submissions:

**31 December 2021**

### Message from the Guest Editors

Statistical methods have a long history in the analysis of hydrological data for designing, planning, infilling, forecasting, and specifying better models to assess scenarios of land use and climate change in catchments. The effectiveness of statistical descriptions of hydrological processes reflects the enormous complexity of hydrological systems, which makes a purely deterministic description ineffective.

Potential papers would be selected from the presentations delivered at the 10th International Workshop on Statistical Hydrology, which was organized by ICSH-IAHS, and took place in Nanjing, China on 19–20 Oct. 2019.

This potential issue will comprise high-quality papers submitted by the participants of the conference and also welcomes contributions from other scholars that match the topics of this SI which including:

Big data, data mining, and assimilation in hydrology  
Extreme hydrological and meteorological events under climate change  
Hydrological prediction and its uncertainty  
Hydrological design and risk assessment under changing environment  
Eco-hydrological regime changes and uncertainty assessment under human activities



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# Special Issue

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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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