

## Special Issue

# Statistical Analysis in Hydrology: Methods and Applications

### Message from the Guest Editor

The Special Issue will offer an opportunity for researchers in many subdisciplines of hydrology to share recent advances in the statistical techniques and practical applications. Example applications include hydrologic forecast, frequency analysis, and hydrologic product generation. The following topics are especially welcomed:

- statistical representations of hydro-climate extremes, including droughts, extreme rainfall and snowfall, and flash flooding, in space and time that account for nonstationarity;
- methods for characterizing uncertainties in hydrologic predictions and retrospective analysis;
- comparisons of conventional statistical approaches and machine learning techniques in predictions of impactful hydrologic events;
- novel statistical techniques for downscaling the weather and climate model predictions and projections.

The Special Issue will mark a milestone in the statistical hydrology literature by highlighting the latest developments across the field.

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### Guest Editor

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### Deadline for manuscript submissions

closed (28 February 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

Dr. Jean-Luc PROBST

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