



## Application of Space-Time Statistics in Water Resources

Guest Editor:

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### Message from the Guest Editor

This Special Issue covers the broad topic of the application of space-time statistics to the impact of climate change on water resources and the management of water resources. Relevant topics include but are not limited to:

- Methodology for modeling the inhomogenous space-time data that are often correlated and have heavy tailed probability distributions.
- Statistical tests or methods for comparing precipitation or other climate variables at different time periods or different spatial regions.
- Analysis to quantify the changes in spatio-temporal patterns of precipitation.
- Geospatial methods.
- Extremes of precipitation (drought and flood).
- Projection of future precipitation and uncertainty analysis.
- Water resources and economy in the context of climate change.
- Monitoring of water resources.
- Data fusion in water resources.





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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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