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Stochastic Modeling in Hydrology

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Deadline for manuscript submissions:
closed (30 April 2022)

Message from the Guest Editors

Since their advent in hydrology over a half-century ago, stochastic models have become an important tool in solving many important issues in hydrology, including system simulation, filling in missing data, real-time and extended hydrologic forecasting, synthetic data generation for the evaluation of management scenarios, downscaling climate variables, and so forth...

This Special Issue invites innovative contributions in the field of stochastic hydrology and related fields. Multidisciplinary manuscripts encompassing stochastic hydrology and other fields, including but not limited to hydroclimatology, nonstationary modeling, soft computing, and geospatial analysis, are particularly welcome...

New ideas and insightful applications from your contributions will help us familiarize the *Water* readership with the present research trends and trace future research directions in theoretical and applied stochastic analysis in hydrology.

For further reading, please visit the ***Special Issue website.***

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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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