

Special Issue

Projection of Groundwater Levels, Spring Flows, Lake Dynamics, Extreme Drought Events, and Floods under Future Climates Using Artificial Intelligence Models

Message from the Guest Editors

Hydrological sciences and engineering applications have successfully incorporated a wide array of data-driven modeling and analysis approaches, which expand our technical capacity so that we may better understand critical water-related challenges facing hydroclimatological systems around the world. For the upcoming Special Issue of *Water*, we invite original technical and review papers on the artificial intelligence-based prediction of local-, regional-, and global-scale hydrologic and hydroclimatic features and processes (e.g., groundwater levels, spring flows, soil moisture, lake and streamflow dynamics, and water quality) and the projection of extreme hydrological events (e.g., droughts or floods) under a changing climate over the next several decades (2021–2100)[...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/artificial_intelligence_models

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Deadline for manuscript submissions

closed (31 July 2022)



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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.

Editor-in-Chief

Dr. Jean-Luc PROBST

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