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The Application of Artificial Intelligence in Hydrology, Volume II

Guest Editor:

Dr. Gonzalo Astray
Department of Physical Chemistry, Faculty of Sciences, University of Vigo, 32004 Ourense, Spain

Deadline for manuscript submissions:
closed (31 July 2023)

Message from the Guest Editor

Over the last few decades, the use of artificial intelligence (AI) has undergone a significant increase in a wide variety of research fields.

Artificial intelligence, together with a large amount of hydrological data currently available, provide the ideal conditions to create AI tools aimed at managing water supply, flood, and drought risk assessment, monitoring water quality, modeling groundwater level, predicting suspended sediment load, managing dams, modeling rainfall–runoff processes or modeling contaminant transport, among others. Due to this, AI techniques, from the simplest to the most complex, allow us to expand our knowledge of the hydrology field.

The aim of this Special Issue on “The Application of Artificial Intelligence in Hydrology, Volume II” is to present the state of the art related (but not limited) to the study of movements, distribution, and management of water in nature, [...].

For further reading, please follow the link to the Special Issue Website at:
https://www.mdpi.com/journal/water/special_issues/artificial_intelligence_hydrology

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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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Contact Us

Water Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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mdpi.com/journal/water
water@mdpi.com
𝕏@Water_MDPI