Special Issue

Artificial Intelligence in Water Resources Management

Message from the Guest Editors

Artificial intelligence (AI) plays an important role in predicting the majority of non-linear scenarios in engineering applications. Out of them, water resources management is significant due to its non-linear applications, including flash floods, drinking water supply, wastewater treatment, hydropower development, irrigation, etc. The usage of AI systems in water resources management is quite popular in today's world. Therefore, this Special Issue proposes to publish novel research views of AI in water resource management and to form a discussion forum where researchers can share their state-of-the-art findings. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Prediction of flash floods under changing climatic scenarios;
- Natural disasters involved in hydrological cycle;
- Irrigation water management;
- Hydropower development under climatic scenarios;
- Drinking water supply systems;
- Energy enhancing through water supply systems;
- Wastewater system management;
- Wastewater treatment operation.

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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

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