Special Issue

AI and Deep Learning Applications for Water Management

Message from the Guest Editors

Water is an essential source for survival for humans, animals, and plants. Due to the rise in the population of humans and also due to industrialization, water sources are being depleted very quickly. To minimize water depletion, effective water management is the need of the hour. Normally, governments supply water to their citizens. A continuous supply of water is not required for the household as the water may be wasted by supplying the water continuously. Each household may use water at a specific time. Machine learning and deep learning algorithms can use the data regarding the water usage patterns/records from the government to get trained on the usage patterns, so that these algorithms may be used to classify the areas according to their peak usage time. For further reading, please follow the link below: https://www.mdpi.com/journal/water/special_issues/AI_Management

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Deadline for manuscript submissions

closed (29 August 2022)

Water

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 6.0

mdpi.com/si/89284

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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

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