Special Issue

Novel Meta Heuristic Algorithms Based Advanced Machine Learning and Deep Learning Methods in Water Resources

Message from the Guest Editors

The main themes of this Special Issue include but are not limited to the following:

- Application of advanced machine learning models including deep learning methods for precise hydrologic forecasting;
- Utilization of advanced machine learning models with ensemble models for solving water resource problems;
- Spatial and temporal modeling of hydrological variable with aid of advanced computing models;
- Coupling of data preprocessing techniques with machine learning methods to capture noise and nonlinear of hydrological variables;
- Use and development of novel metaheuristic algorithms with machine learning methods to enhance their computing abilities.

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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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