

Special Issue

Application of Machine Learning Techniques in Water Resources Management and Environmental Engineering

Message from the Guest Editors

The application of soft computing methods in engineering sciences, particularly water engineering, has received considerable attention in recent years. Soft computing methods are currently utilized extensively in predicting/forecasting hydrological phenomena, various areas of agriculture, and energy; therefore, as computer science advances, their capabilities will increase. This Research Topic aims to publish a broad variety of papers on soft computing and machine learning applications in water science, flood forecasting systems, hydrological and climate research, hydraulic structures, agricultural water management, irrigation scheduling, drought investigations and forecasting, groundwater resources, water resources quality, and environmental engineering. In addition, this Research Topic will provide a venue for researchers, soft computing researchers, and technology developers to present the most recent numerical and computational modeling research on the aforementioned topics. For more details, please find at: https://www.mdpi.com/journal/water/special_issues/YE41BER5Z6

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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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