



## Soft Computing Application for Sustainable Water Resource and Environmental Management

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### Message from the Guest Editors

Application of soft computing techniques to solve complex problems in hydrology and water resources fields have gained increasing attention due to their robustness and inherent tolerance of uncertainty compared to the traditional methods. Soft computing allows spatial and temporal integration of various data of different nature in order to acquire better empirical insights into complex multiparameter problems and, hence, encourage adaptive strategies for holistic water management. Some of the soft computing techniques, such as fuzzy logic, expert systems, artificial neural networks, fuzzy neural networks, and genetic algorithms, have been widely employed either as single or hybrid systems in solving various real-life water and environmental problems. Thus, the aim of this Special Issue is to show recent and novel applications of soft computing techniques in the field of water engineering, especially in various hydrological processes (e.g., rainfall, runoff, etc.) and water quality forecasting. All original research and review contributions within the scope of





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