Special Issue

Smart Water Solutions with Big Data

Message from the Guest Editors

Dear colleagues, The water industry is currently ushering in a period of rapid development of digital transformation, and various countries continue to introduce new policies to promote the steady improvement of the overall level of information technology application in the water industry. Im-proving water conservancy information infrastructure and actively promoting the application of 5G technology in water conservancy engineering safety monitoring and early warning work has become one of the key tasks of the world's water conservancy, and the construction of smart water affairs has gradually become a new development model of the times.

In this case, this Special Issue raises the following questions:

What is the smart water strategy and positioning of each country? How to match the strategy of the local government?

How to design a reasonable operation process and operation mechanism to ensure that the planning, construction, operation, and evaluation of the future smart water blueprint can be operated scientifically and efficiently?

Is the evolution path of the blueprint for smart water construction feasible? The clear projects or tasks?

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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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