Special Issue

Innovate Approaches to Sustainable Water Resource Management under Population Growth, Lifestyle Improvements, and Climate Change

Message from the Guest Editors

Advancements in science and technology have caused tremendous increases in the population along with improved lifestyles, causing natural resources to come under immense pressure. On the other hand, climate change is another dynamic that is disturbing the regimes of natural resource management, especially in the field of water resources. Beneficial approaches towards sustainability include modern approaches to water resource management. Research on the concepts of virtual water trade, water footprints, sustainable water resource management, resilient approaches towards extreme events, and the use of IOT is rapidly increasing. Many traditional approaches have been upgraded through the use of remote sensing, GIS, and artificial intelligence. The processes have been made more robust, prompt, and accurate. [...] For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Sustainable_Management

Guest Editors

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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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