

Special Issue

Water Resources, Environment, and Ecosystems: Application of New Technology

Message from the Guest Editors

Efficient use of water resources is the key to ensuring sustainable development. Climate change and intensifying human activity are projected to affect water quality and exacerbate many forms of ecological degradation. The mechanisms underlying climate change on water resources and ecosystems, its major driving factors and responses of ecosystems to water pollution under changing climatic conditions is still not fully understood. On the other hand, the study of water resources, water environment and water ecosystems is undergoing a revolution owing to the development and application of a diverse range of new technologies and methods. However, these latest technologies and methods are still supported by relatively limited scientific evidence. The Special Issue 'Water Resources, Environment, and Ecosystems: Application of New Technology' seeks to create such a platform to review and present advanced methodologies, current progress and challenges, as well as future opportunities in water ecosystem management. For more details, please find at:

https://www.mdpi.com/journal/water/special_issues/S77U5772J9

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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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