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New Challenges in the Planning, Design, Construction and Operation of Reservoirs in the Context of Climate Change

Guest Editors:

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Message from the Guest Editors

This Special Issue invites authors to contribute reviews and research papers on the broad issues of reservoir design, construction, operation, and maintenance to minimize the effects of climate change.

The Special Issue aims to publish research results from the following areas:

- Technical and environmental challenges of reservoir construction;
- Operation and maintenance of reservoirs;
- Water management in reservoirs from the perspective of climate change;
- Use of reservoirs for water supply, energy, recreation, fishing, and angling;
- Degradation of retention reservoirs;
- Environmental effects of reservoir construction;
- Establishment and operation of tailings ponds, [...].

For further reading, please follow the link to the Special Issue Website at: https://www.mdpi.com/journal/water/special_issues/Design_Construction_Operation_Reservoirs



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Special Issue



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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.

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