



water

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Towards Climate-Smart Water Resources Management

Guest Editor:

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Deadline for manuscript submissions:

closed (31 December 2020)

Message from the Guest Editor

Climate is one of the most important factors affecting water resources (quality and quantity) and watershed ecosystems in general. The effects are compounded by challenges such as population growth, changing land use, urbanization, pollution, and other related issues, thus further threatening the integrity of water resources. This Special Issue is intended to explore challenges and opportunities for water resource management, considering current and anticipated trends in climate and associated threats to water security in regions around the world.

Contributions are invited for original research articles, opinion papers, or review articles on related topics including but not limited to:

- Climate change impacts on water quantity and quality;
- Patterns and indices of extreme events;
- Climate-land use interactions;
- Future projections;
- Strategies for water management;
- Water value and water demand;
- Water policy and institutions;
- Strengthening water security;
- Modeling, monitoring, or integrated approaches;
- Decision support.



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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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