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Water Resources Planning Toolkits for Climate Resiliency and Economic Sustainability

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Message from the Guest Editors

The multi-sectoral environmental impacts of climate change and unsustainable global economic development on water resources management require a radical rethinking of the tools available to analysts, policy makers, and managers. Some examples of topics that submitted papers may address include:

- Novel or successful sensing techniques for measuring and monitoring water resource availability, quantity and quality
- Novel computer-based-simulation modeling and analytical techniques that enhance understanding of environmental and/or economic threats as an aid to the formulation of coping and solution strategies.
- Advanced sensor and remote-sensing technologies that can be integrated with more traditional modeling approaches for sustainable water and water quality resource management.
- Innovative economic and non-economic accounting practices that can be integrated with traditional decision-support tools to meet 21st century water quality, and other resource management challenges.
- Integration of new methods and approaches to address broader ecosystem services and tackle unintended consequences of water and water-quality resource management decisions and regulations.



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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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