

Special Issue

Climate Change Impacts on Water Resources

Message from the Guest Editor

The impacts of climate change on water resources around the world will require innovative adaptation to all phases of watershed planning and management. At the forefront are needs for improved methods of water budget measurement across multiple scales, robust predictive modeling of supply and demand, and improved understanding of the long-term socioeconomic impacts of adaptation strategies and policies. This Special Issue of *Water* is devoted to promoting advances in global research into improved sensor technologies, novel remote sensing applications, and physically based modeling approaches aimed at improved quantification and subsequent holistic management of water resources. Pertinent examples of topics for this issue include the introduction of low-cost sensor networks, integration of drones and remote sensing into water demand models, water conservation and trading strategies, surface–groundwater interaction, aquifer storage and recovery, and economic valuations of ecosystem services. All types of manuscripts (original research, review, etc.) are highly welcome.

Guest Editor

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Deadline for manuscript submissions

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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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