# Special Issue

# Water Management for Agricultural, Environmental and Urban Uses

### Message from the Guest Editors

Water resource management to satisfy competing agricultural, environmental, and urban uses has become complex and contentious in most regions around the world. Systems analysis for water management has long provided a framework to examine complex water problems; nevertheless, the roadmap regarding how to implement solutions within existing or proposed management instruments continues to merit further examination. This Special Issue presents recent developments and systems analysis approaches to improve quantitative understanding of the tradeoffs associated with satisfying beneficial water uses and increasing resilience in natural systems. Examples in various regions are presented exploring innovative views to address future challenges to allocate water among different uses in the context of climate change, sustainability of surface and groundwater, and the food–water–energy nexus. Of special interest are applications of multipurpose infrastructure, as well as conjunctive use as means to reconcile competing uses. A concluding chapter highlights major technical and policy insights for future water resource management.

### Guest Editors

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Prof. Dr. Marcelo Olivares

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### Deadline for manuscript submissions

closed (1 February 2021)

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# About the Journal

## 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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