Special Issue

Sustainable Water Management in Agricultural Irrigation

Message from the Guest Editor

Irrigated agriculture dominates freshwater consumption globally, but crop production and farm revenues suffer when water supplies are insufficient to meet irrigation needs. Global freshwater is becoming increasingly scarce due to its mismanagement, overuse, and long-term drought – exacerbated by global climate change. This Special Issue, entitled "Sustainable Management in Agricultural Irrigation," focuses on Water Scarcity Solutions for Irrigated Agriculture in the Warming Climate. Submissions should address solutions' viability, limitations, obstacles to adoption, drawbacks, and unintended consequences. While we welcome case studies, we especially encourage submitting papers that synthesize research and practice on a particular topic. We also welcome studies providing social science perspectives on the ways water policy and management shape and are shaped by, including water accessibility and quality, the protection of ecosystem services, transboundary conflict and cooperation, the water-energy-food nexus, coastal-zone vulnerability, sustainable development, and water right and justice at local, regional, and global scales.

Guest Editor

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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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