

Special Issue

Development and Application of High-Efficiency Water-Saving Irrigation Technology

Message from the Guest Editor

This Special Issue invites relevant results of field experiments, model simulations, and equipment development related to the following topics:

- High-efficiency water-saving irrigation scheduling and management strategy;
- Soil water, fertilizer, salt, gas, and heat coupling and field energy balance with high-efficiency water-saving irrigation technology;
- Research and development of high-efficiency water-saving irrigation equipment;
- Technology and equipment to improve grain or oil yield and water use efficiency in agricultural irrigation.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2024)



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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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