

Special Issue

Water-Saving and Energy-Efficient Irrigation Technologies and Equipment

Message from the Guest Editor

The adoption of water-saving and energy-efficient irrigation technologies and equipment in the agricultural sector is essential to enhance food quality and poverty improvement strategies. Scholars and engineers have addressed different challenges by introducing innovative techniques, frameworks, and instruments, which require less effort and time in farming practices. Globally, water-saving and energy-efficient irrigation technologies and equipment can be attained with research and development into new irrigation technologies and equipment and related systems.

In this Special Issue, we welcome all types of articles, such as original research and reviews dealing with water-saving and energy-efficient irrigation technologies and equipment from different research fields. Possible topics include agricultural engineering, precision agriculture, sprinkler irrigation, micro-sprinkler irrigation, water-saving management, irrigation technical parameters, energy consumption optimization, theory and technology, low-pressure atomization, and comprehensive technical index. [...]

For further reading:

https://www.mdpi.com/journal/water/special_issues/1MD92U4X96

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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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