Special Issue

Green and Efficient Utilization of Agricultural Water

Message from the Guest Editors

Agro-ecosystem is the main consumer of water resources worldwide. Climate change is expected to deteriorate in the future, and the shortage of agricultural irrigation water resources is becoming more prominent. How to improve the water productivity of limited water resources has become a highly concerning issue in the world. Crop water requirement theory and deficit irrigation, fertigation technology and scheduling, water-saving and quality-enhancing irrigation theory and regulation, agronomic water-saving mechanism and method, multi-process coupling regulation method of water use in irrigation district and regional green and efficient water-saving technology can effectively alleviate the water crisis, which is the key to solve water resources shortage and low utilization efficiency. This issue is to provide scientific support for the green and efficient utilization of global agricultural water resources. https://www.mdpi.com/journal/water/special_issues/Accurate_Irrigation

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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

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