Special Issue

Agriculture Water Management and Water Saving Strategies

Message from the Guest Editor

The world population is growing and is expected to reach 9.1 billion by 2050. Agricultural production must adapt to this situation sustainably, which means an increase in total production and the improvement of the resource use efficiency. To date, agriculture consumes 70% of available fresh water and is still the most limiting factor under arid and semi-arid conditions. Moreover, climate change increases the uncertainties about water supplies and food production. Therefore, we should face the challenge of increasing agricultural production with a limited share of freshwater. The reduction of the non-consumptive and non-beneficial uses of water would increase crop water productivity. It would also decrease the yield gap, defined as the difference between actual and attainable yield. [...] For further reading, please follow the link to the SpecialIssue Website at: https://www.mdpi.com/journal/water/special_issues/Water_Saving_Strategies_Agriculture

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

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