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How Does Agricultural Water Resources Management Adapt to Climate Change?

Guest Editor:

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Deadline for manuscript submissions:
closed (31 March 2023)

Message from the Guest Editor

Dear Colleagues,

Agriculture is the world's largest water consumer, while at the same time water resources worldwide are under pressure from rapidly growing demands as well as climate change. The intensification of water cycles, as an effect of climate change, creates, in many cases, serious damage to traditional cropping systems due to either water shortage leading to drought and desertification phenomena or due to excess water leading to floods and soil losses. In view of the overall consequences of future climate conditions on agriculture, adaptation measures to mitigate water-related effects and increase water use efficiency should be adopted by farmers.

The main aim of this Special Issue is to increase the scientific knowledge of agricultural water resources management and climate change interactions at a local, regional, and global scale. [...]

For further reading, please follow the link to the Special Issue Website at:

https://www.mdpi.com/journal/water/special_issues/Water_Adapt

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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.

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Journal Rank: JCR - Q2 (*Water Resources*) / CiteScore - Q1 (Water Science and Technology)

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