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Improving Water Use Efficiency and Agricultural Productivity of Crop Systems

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Deadline for manuscript submissions:

closed (25 February 2022)

Message from the Guest Editors

This Special Issue calls for contributions on the following non-exclusive list of topics: irrigation strategies and technologies for improving water use efficiency, irrigation water management and modeling under climate change scenarios, crop physiological response to deficit irrigation, irrigation water management for health soil physical and chemical properties.

Keywords are listed as the following.

- Water use efficiency
- Irrigation strategies
- Agricultural productivity
- Crop quality
- Crop growth
- Food security
- Soil property
- Climate change



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Special Issue



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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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