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Towards a Holistic Precision Irrigation Model: Transition to Climate Neutrality and Resilience

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Message from the Guest Editors

This Special Issue welcomes research works about efficient water and energy use in irrigation, mainly including new technologies and approaches such as precision irrigation, sensors, big data, Internet of Things (IoT), Artificial Intelligence (AI), modelling techniques, renewable energy sources, and unmanned aerial vehicles.

Keywords are listed here for your convenience.

- irrigation Engineering
- precision irrigation
- irrigation scheduling
- big data
- internet of things (IoT)
- artificial intelligence (AI)
- water–energy nexus
- renewable energy sources
- agricultural water management

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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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