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**Special Issue on**  
**Agricultural Water Use, Efficiency, and Conservation**  
**Call for Papers**

Agricultural Water Use, Efficiency, and Conservation focuses on the management and optimization of water resources in agricultural systems to enhance productivity while minimizing environmental impact. This field examines irrigation practices, water-saving technologies, crop water requirements, and decision-support tools aimed at improving water-use efficiency under changing climatic and socio-economic conditions. By integrating hydrology, agronomy, environmental science, and policy analysis, it supports sustainable agricultural development, resilience to water scarcity, and long-term conservation of freshwater resources.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Agricultural Water Use, Efficiency, and Conservation**. Potential topics include, but are not limited to:

- Irrigation systems and management
- Crop water requirements and scheduling
- Water use efficiency assessment
- Deficit and precision irrigation
- Soil moisture monitoring and modeling
- Water conservation technologies in agriculture
- Groundwater use and sustainability
- Surface water allocation and management
- Climate change impacts on agricultural water use
- Hydrological modeling for irrigation planning
- Remote sensing applications in agricultural water management
- Water quality and agricultural runoff control
- Sustainable drainage and water reuse
- Policy and governance of agricultural water resources
- Farm-level water management strategies
- Integrated water resources management in agriculture

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



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Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Agricultural Water Use, Efficiency, and Conservation**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	May 15th, 2026
Publication Date	July 2026

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