

Special Issue

Sustainable Water Resource Strategies in Agriculture for Climate Change Adaptation—2nd Edition

Message from the Guest Editors

This Special Issue is a natural continuation of our successful first edition entitled 'Sustainable Water Resource Strategies in Agriculture for Climate Change Adaptation'. Building on this momentum, the second edition delves deeper into the critical intersection of water resources, agriculture, and climate resilience, offering further insights and strategies to address these pressing challenges. Topics include the following:

- Effects of crop and soil management strategies on water use efficiency and/or crop water productivity (e.g., crop diversification, crop rotation, agroforestry, cover crops, crop residue management, minimum or no tillage, and physiological plant regulation of water productivity) and/or soil water conservation (e.g., mycorrhizal inoculation, use of superabsorbent polymers, amendments, and anti-transpirants);
- Improved irrigation water management and effects on water productivity (e.g., drip irrigation, deficit irrigation, subsurface irrigation, water-fertilizer coupling, and use of irrigation adjuvants);
- Innovative measuring and modeling approaches.

Guest Editors

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Prof. Silvia Vanino

Deadline for manuscript submissions

closed (20 August 2025)



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About the Journal

Message from the Editor-in-Chief

Agriculture (ISSN 2077-0472) is an international, scholarly and scientific open access journal publishing peer-reviewed research papers, review articles, communications and short notes that reflect the breadth and interdisciplinarity of agriculture.

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