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Sustainable Water-Resource Strategies in Agriculture for Climate Change Adaptation

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Deadline for manuscript submissions:
closed (15 October 2024)

Message from the Guest Editors

This Special Issue will address sustainable water resource strategies in agriculture and their current state of the art, focusing on the latest developments in practices and approaches at different scales: crops, farms, and agricultural systems.

Topics that will be considered include:

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



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Special Issue



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Message from the Editor-in-Chief

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