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Agricultural Practices to Improve Irrigation Sustainability, 2nd Edition

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Message from the Guest Editors

To ensure food security and to mitigate the effects of water scarcity resulting from climate change, it is essential to improve the efficiency and productivity of water use for crop production, while preserving natural resources from the negative environmental impact that can be associated with irrigation.

Rather than focusing on these problems, this Special Issue focuses on the available agroecological practices, deciphers which options are better, explores which soil indicators are the most sensitive to irrigation practices, and assesses the advances in related technology in order to improve the sustainability of irrigation agriculture with the most effective management actions.

Therefore, we invite researchers to contribute to this Special Issue on “Agricultural Practices to Improve Irrigation Sustainability, 2nd Edition” and to develop a set of reference publications on this subject in order to promote the resilience and the efficiency of irrigated agroecosystems.



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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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