Special Issue

Research on Irrigation Strategies for Sustainable Water Management

Message from the Guest Editors

The conservation of water resources is a key aspect for the economic and environmental sustainability of all types of agricultural systems. Among all abiotic stresses, drought is the major constraint affecting plant physiological processes, causing huge production losses in agriculture. This Special Issue aims at collecting original and quantitative studies. Studies done in any type of crop (fruit trees species, forest, herbaceous, horticultural or ornamental crops) and under field or controlled environmental conditions are welcome. Submissions on the following topics are invited: (1) Development of deficit irrigation strategies and quantifying irrigation requirements in the development stages; 2) determination of the minimum water level for acceptable quality; (3) understanding of morphological and physiological plant response to water management; (4) assessment of the indices performance to detect water stress; and (5) identification of tolerance mechanisms development by the species to water stress and evaluation their adaptability to such conditions. For further reading, please visit the Special Issue website

Guest Editors

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Deadline for manuscript submissions

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About the Journal

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.

Editor-in-Chief

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