

Special Issue

Woody Crop Responses to Water Shortage: Impacts on Plant Physiology, Yield and Fruit Composition

Message from the Guest Editors

Water scarcity is an increasing threat in many parts of the world. With the agriculture sector accounting for 70% of water use worldwide, optimizing water management in agriculture has become critical to its sustainability. In this Special Issue we would like to collect the most recent research on woody crops (vineyards, citrus, olive trees, stone fruit trees, berries, etc.) focusing on fruit crop management strategies aimed at both saving water and improving water use efficiency, while maintaining profitability. We welcome research articles, reviews, and opinion articles dealing with any of these topics:

- Deficit irrigation strategies, including studies using nonconventional waters (e.g., saline or reclaimed water).
- Crop management practices, including studies dealing with plant density, soil management, irrigation systems, irrigation scheduling, canopy and crop load management, weed control, cover crops, mulching, etc.
- Identification and use of drought-tolerant genotypes (cultivars and rootstocks).
- Novel tools to better monitor and manage soil water content, plant water status, and plant water use.

Guest Editors

Dr. Ignacio Buesa

Research Group of Plant Biology under Mediterranean Conditions, University of Balearic Islands, Ctra. Valldemossa Km 7.5, 07122 Palma de Mallorca, Spain

Dr. Carlos Ballester Lurbe

Centre for Regional & Rural Futures (CeRRF), Faculty of Science Engineering & Built Environment, Deakin University, Hanwood, NSW 2680, Australia

Deadline for manuscript submissions

closed (25 August 2022)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.2



mdpi.com/si/94941

Agronomy
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agronomy@mdpi.com

[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)





Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.2



[mdpi.com/journal/
agronomy](https://mdpi.com/journal/agronomy)



About the Journal

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Agronomy and Crop Science)