

Special Issue

Agricultural Water Management Strategies for Sustainable Crop Production

Message from the Guest Editors

This Special Issue will primarily discuss agricultural water management strategies for sustainable crop production, including (but not limited to) the relationship between irrigation and crop yield and quality, plant physiology, soil nutrient, soil salt, and irrigation strategy. Moreover, agricultural water management technology in specific situations, such as greenhouse, hilly areas, and coastal areas, etc., will be covered. Frontier research mainly focuses on the microbial driving mechanism of soil nutrient loss caused by irrigation, soil nutrient balance under different irrigation methods, crop yield responses, and the quality of different irrigation methods (sprinkler irrigation and drip irrigation) or irrigation regimes, as well as the irrigation–yield model. Researchers and experts are invited to provide original research articles. We aim to exchange information related to agricultural water management for crop production, so as to promote the rationalization of agricultural irrigation technology and methods.

Guest Editors

Dr. Robert J. Lascano

Wind Erosion and Water Conservation Research Unit, USDA-ARS, Lubbock, TX 79415, USA

Dr. Maomao Hou

College of Horticulture, Fujian Agriculture and Forestry University, Fuzhou 350000, China

Deadline for manuscript submissions

closed (20 January 2025)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.2



mdpi.com/si/185523

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)