

Special Issue

The Application of New GWAS Methods on the Genetic Dissection of Quantitative Traits in Crops

Message from the Guest Editors

Aim and scope of the Special Issue: Although multiple environment GWAS experiments (MEGE) are frequently conducted, single environment data analyses are frequently reported. Thus, the MEGE should be jointly analyzed via 3VmrMLM, and its purpose is to test 3VmrMLM, compare it with existing methods, and mine more novel genes for complex traits in crops. **Cutting-edge research:** Detecting elite main-effect genes, gene-by-environment interactions, gene-by-gene interaction for complex traits in crops. **What kind of papers we are soliciting:** Reviews; Perspectives; Research

Guest Editors

Dr. Yuan-Ming Zhang

Dr. Zhenyu Jia

Dr. Shang-Qian Xie

Dr. Jia Wen

Dr. Shibo Wang

Deadline for manuscript submissions

closed (30 June 2023)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/114946

Agronomy
Editorial Office
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 3.4
CiteScore 6.7



[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 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)