

Special Issue

Physiology of Abiotic Stress Tolerance in Crops at Reproductive Stages and Crop Improvement Strategies

Message from the Guest Editor

This Special Issue covers original research and review articles on yield stability of crops under abiotic stresses, i.e., changing CO₂ levels, atmospheric temperature, and rainfall patterns. Major aspects may include, but are not limited to, the following: understanding morphological, physiological, and molecular responses of crop plants to these stress events occurring during their reproductive developmental phases. Furthermore, any breeding efforts to improve crop resistance to abiotic stresses would be encouraged.

Submissions on (but not limited to) the following topics are invited: (1) quantifying the impact of abiotic stress on crops during reproductive growth phases; (2) identification of physiological and morphological traits associate with stress tolerance mechanisms; (3) breeding for abiotic stress tolerance; and (4) utilisation of crop wild relatives for abiotic stress resilience.

Guest Editor

Dr. Najeeb Ullah
Agricultural Research Station, Qatar University, Doha, Qatar

Deadline for manuscript submissions

closed (15 May 2023)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/122970

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), GEOBASE, PubAg, AGRIS, and other databases.

Journal Rank:

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