

Special Issue

Molecular Mechanisms of Abiotic Stress Tolerance in Crop Plants

Message from the Guest Editors

The mechanisms of stress tolerance are sophisticated and may vary in different cells, tissues, and organs. Central to future plant breeding is improving stress tolerance while at the same time maintaining high and stable yields. The cultivation of hitherto underutilized crops, or even the establishment of completely new crops through integrative approaches of genome and -omics research, can help to maintain and improve global food security under the increasingly harsh conditions of climate change. Additionally, research on plants growing in marginal locations can help to develop crops adapted to climate change. For the Special Issue, we expect contributions with original research results as well as review articles on relevant and, if possible, little-addressed topics. Further, opinion papers with interesting views on future research are welcome.

Guest Editors

Prof. Dr. Bernd Mueller-Roeber

University of Potsdam, Molecular Biology, Karl-Liebknecht-Straße 24-25, Haus 20, 14476 Potsdam-Golm, Germany

Prof. Dr. Salma Balazadeh

Institute of Biology, Leiden University, Sylviusweg 72, 2333 BE Leiden, The Netherlands

Deadline for manuscript submissions

closed (15 March 2020)



Agronomy

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/31584

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)