



Advances in Stress Biology of Forage and Turfgrass

Guest Editors:

Dr. Yuefei Xu

Dr. Kehua Wang

Dr. Jing Zhang

Dr. Chao Xia

Dr. Tiejuan Liu

Deadline for manuscript
submissions:
closed (31 July 2024)

Message from the Guest Editors

Dear Colleagues,

Forage and turfgrass currently play an important role in agricultural development and environmental protection. Plants are challenged by abiotic stress and biotic stress, such as drought, waterlogging, cold, heat, salinity, shade, and heavy metals, as well as pathogens, pests and weeds. The negative effects of abiotic and biotic stresses bring about changes in plant metabolism, growth, and development, in extreme cases leading to plant death.

In this Special Issue, we seek to publish original high-quality research relating to all aspects of stress biology, including studies:

- 1) providing fundamental insights into the understanding of responses of forage and turfgrass to abiotic and biotic stresses;
- 2) elucidating mechanisms underlying the resistance or tolerance of forage and turfgrass to abiotic and biotic stresses;
- 3) using biotechnological and other strategies to improve the resistance/tolerance of forage and turfgrass to abiotic and biotic stresses.

Topics studied in this journal include physiology, molecular biology, genomics, microbiology, pathology, gene editing, resistance breeding, biotechnology, and ecology.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

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

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.

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)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
X@Agronomy_Mdpi