

## Special Issue

# Adaptation and Mitigation of Environmental Stress on Crops

### Message from the Guest Editor

With global warming, the intensity, frequency, and duration of extreme climate events are also increasing, which have exacerbated the instability of crop production systems and reduced the grain yield and quality. To offset or mitigate the environmental stress on crop production, adaptation strategies such as changing sowing date, optimizing fertilization scheme, and breeding new cultivar are necessary. Based on the above, this Special Issue invites research combining crop cultivation or breeding with crop growth simulation models to design strategies to adapt or mitigate environmental stress.

---

### Guest Editor

Prof. Dr. Leilei Liu

National Engineering and Technology Center for Information Agriculture, Department of Agronomy, Nanjing Agricultural University, Nanjing, China

---

### Deadline for manuscript submissions

closed (20 February 2023)



## Agronomy

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.4  
CiteScore 6.7



[mdpi.com/si/127755](https://mdpi.com/si/127755)

*Agronomy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[agronomy@mdpi.com](mailto: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)