



Crop Biology and Breeding under Environmental Stress

Guest Editors:

Dr. Eleni Tani

Laboratory of Plant Breeding and
Biometry, Department of Crop
Science, Agricultural University of
Athens, Iera Odos 75, 11855
Athens, Greece

Dr. Eleni Abraham

School of Agriculture, Forestry
and Natural Environment,
Aristotle University of
Thessaloniki, 54124 Thessaloniki,
Greece

Deadline for manuscript
submissions:

closed (31 July 2024)

Message from the Guest Editors

Climate change is a global phenomenon that affects many sectors of society and the economy. This phenomenon is mainly observed due to fluctuations in temperatures, precipitation, extreme weather events and variability in seasonality. Agriculture is one of the most sensitive sectors to climate change as crop production directly depends on weather conditions. This means that climate variability threatens the adaptation and availability of crops and, consequently, food security. On the other hand, agriculture has different environmental impacts depending on the level of inputs (fertilizers, pesticides, growth regulators) and energy used by farming practices. The impact of climate change on agriculture can be mitigated by modifying farming practices, and complementary to this, by using appropriate crops and varieties adapted to new climatic conditions.

In this Special Issue, we invite you to present research results in all topics related to crop biology and breeding under environmental stress and to discuss current trends and prospects of progress in these fields. Survey papers and reviews are also welcomed.





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 (Agronomy) / 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](https://twitter.com/Agronomy_Mdpi)