



plants



an Open Access Journal by MDPI

Wheat Breeding for Global Climate Change

Guest Editor:

Dr. Koji Murai

Department of Sustainable
Agriculture, Fukui Prefectural
University, Fukui 910-4103, Japan

Deadline for manuscript
submissions:

20 November 2024

Message from the Guest Editor

Global climate change is increasingly damaging agriculture. Wheat cultivation is no exception, and we must act quickly. The following events are becoming more common as causes and/or results of global climate change: elevated CO₂ concentrations (eCO₂) and global warming; increased drought, heat, salinity, and abiotic (e.g., Fusarium) stresses, and so on. We must urgently develop wheat varieties that can overcome these difficulties. In this Special Issue, we will collect knowledge not only on breeding, but also on genetic resources, genetics, and agronomy to develop wheat (cereal) varieties that can withstand global climate change.



mdpi.com/si/187732

Special Issue



plants



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Plant Sciences*) / CiteScore - Q1 (*Plant Science*)

Contact Us

Plants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)