

# Special Issue

## Biodiversity and Genetic Control of Tolerance to Abiotic and Biotic Stresses in Plants

### Message from the Guest Editors

Despite tremendous progress in plant science towards improving plant performance to attain high yields, the occurrence of abiotic and biotic stresses remains the major limitation to yield in plants. These stresses can reduce plant crop yield to a level that threatens food security. This necessitates the understanding of the mechanisms that regulate plant responses to abiotic and biotic stresses and exploring holistic plant–environment interactions in order to develop strategies for improving plant tolerance to abiotic and biotic stresses. Parts of such strategies should take advantage of the contribution of biodiversity as a source of genetic resources that can be harnessed to attain the goal of improving plant tolerance to these stresses and ultimately contribute to stress resilience in the food production system. This Special Issue will focus on how biodiversity as a broader concept, and the interaction of plants with their environment at the genetic, physiological and ecological levels, and contributes to plant tolerance to abiotic and biotic stress tolerance.

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### Guest Editors

Prof. Dr. Ndiko Ludidi

Department of Biotechnology, University of the Western Cape, Bellville, 7530, South Africa

Dr. Faheem Shehzad Baloch

1. Department of Plant Resources and Environment, Jeju National University, Jeju 63243, Republic of Korea

2. Department of Biotechnology, Faculty of Science, Mersin University, Mersin 33343, Türkiye

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### Deadline for manuscript submissions

closed (30 April 2024)



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*Plants*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
plants@mdpi.com

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### 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.

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### Editor-in-Chief

Prof. Dr. Dilantha Fernando

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

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