



## **Agronomic and Physiological Mechanisms of Crop Responding to Abiotic Stress**

Guest Editors:

**Dr. Elena Shuyskaya**

K.A. Timiryazev Institute of Plant  
Physiology RAS, IPP RAS, 35  
Botanicheskaya St., 127276  
Moscow, Russia

**Prof. Dr. Kristina Toderich**

International Platform for  
Dryland Research and Education  
(IPDRE), Tottori University,  
Tottori 680-0001, Japan

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### **Message from the Guest Editors**

In the context of global climate changes and ongoing desertification, it is crucial to understand the physiological and biochemical processes of plants and the protective and adaptive strategies that allow them to reproduce and survive under conditions of osmotic stress, ionic toxicity, impaired mineral nutrition, and metabolism. Improving the photosynthetic capacity of crops and understanding the water regulation and water-salt balance of plants under conditions of high temperature, drought and salinity can serve as a basis for producing crops that are more resilient to marginal conditions.

This Special Issue aims to bring together state-of-the-art innovations and papers covering the agronomic and physiological mechanisms of both traditional and alternative/promising crops in response to drought and salinity and/or to these types of stress in combination with high temperatures. Original research articles and reviews are welcome. Especially research in photosynthetic processes, water exchange/water-salt balance, and mineral nutrition studies employing physiological, physicochemical, biochemical, and molecular-genetic approaches.





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### Prof. Dr. Les Copeland

Sydney Institute of Agriculture,  
School of Life and Environmental  
Sciences, The University of  
Sydney, Sydney, NSW 2006,  
Australia

## Message from the Editor-in-Chief

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Agriculture Editorial Office  
MDPI, St. Alban-Anlage 66  
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