

# Special Issue

## Physiological and Growth Response of Crops

### Message from the Guest Editor

Complex physiological changes occur during crop growth and development, affecting crop morphology, function, and biomass. In addition, crops are stimulated by biological and abiotic stresses all the time, and different responses to the stimuli result in differences in resistance among individuals. It is important to understand the physiology and growth response of crops in depth in order to achieve their genetic improvement. This Special Issue aims to publish cutting-edge research on the physiological and growth responses of crops, including the changes of physiological metabolism during the growth and development of crops, the physiological growth response of crops caused by resource utilization, and the physiological and molecular mechanisms of crops in response to external stimuli. We welcome comprehensive reviews, full-text research articles, and short communications.

### Guest Editor

Prof. Dr. Hongwei Zhao

Key Laboratory of Germplasm Enhancement, Physiology and Ecology of Food Crops in Cold Region, Ministry of Education, Northeast Agricultural University, Harbin 150030, China

### Deadline for manuscript submissions

closed (31 May 2024)



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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Leslie A. Weston

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