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Cereal Stress Physiology

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Message from the Guest Editor

Every day we witness climate changes that significantly affect the yields and quality of cereal crops—the most significant source of food, especially in the least-developed countries. Abiotic stress conditions such as drought, floods, salinity, high and low temperatures, UV radiation, air and soil pollution, nutrient deficiency, etc. lead to reduced yields and quality of cereal crops, and very often stimulate the development and spread of plant pathogens.

The scientific community makes efforts to understand plant tolerance mechanisms and the genetics behind them, and has provided valuable information that breeders use in their breeding programs to create tolerant cultivars and hybrids. This Special issue is devoted to cereal crop research on single or combined stresses in controlled or field conditions. All studies about physiological and metabolic response mechanisms under and after stress conditions at the tissue, organ or whole-plant level are welcome.



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Special issue



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Message from the Editor-in-Chief

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