

Special Issue

Crop and Vegetable Physiology Under Environmental Stresses –2nd Edition

Message from the Guest Editor

Abiotic stresses induced by climate change and global warming have a negative impact on crop development, growth, and, ultimately, production. The production of crops and vegetables, especially at the reproductive stage, is sensitive to abiotic stresses. More importantly, several stress conditions usually occur concurrently. The response of plants to combined stress cannot be assumed from their response to individual stress; therefore, it is urgent to improve their climate resilience, especially drought and heat tolerance, and clarify the tolerance mechanisms. The aim of this Special Issue is to collect important results and findings on plants' responses to environmental stress, especially from the perspectives of plant physiology, metabolism, and genetic regulation. We welcome submissions of cutting-edge knowledge on the effects of multiple stress to crops and vegetables.

Guest Editor

Dr. Rong Zhou
College of Horticulture, Nanjing Agricultural University, Nanjing, China

Deadline for manuscript submissions

closed (20 May 2026)



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

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research,
Charles Sturt University, Wagga Wagga, NSW 2678, Australia

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