

Special Issue

Adaptation of Crops to the Environment under Climate Change: Physiological and Agronomic Strategies—3rd Edition

Message from the Guest Editor

Climate change is a major threat to food production worldwide. Developing strategies to cope with this new scenario is a major challenge for 21st century agronomy. This solutions may come from biotechnology, microbiology, ecophysiology, engineering, and organic farming. In this issue, we want to compile papers related to the adaptation of crops to climate change, accepting papers from different areas and disciplines that are focused on the aforementioned objective. We are also interested in novel technologies, such as CRISPR/Cas9 or new breeding techniques with high potential for use in the development of novel and improved crops. For this Special Issue, we welcome papers related to the following topics: Biotechnological improvement of crops to enhance adaptation to climate change; Use of biostimulants, PGPR, or mycorrhizal fungi to improve crop adaptation to climate change; Field studies under new conditions imposed by climate change; Organic farming strategies to adapt crops to climate change; Ecophysiological studies of crop plants under abiotic stress conditions; Metabolic engineering of phytohormones for abiotic stress tolerance.

Guest Editor

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closed (28 March 2025)



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Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet.

Agronomy is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Editor-in-Chief

Prof. Dr. Leslie A. Weston

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