

Special Issue

Sustainable Vegetable Production in the Era of Climate Change

Message from the Guest Editors

This Special Issue aims to explore cutting-edge research on sustainable vegetable production under climate change conditions, focusing on nutrient management, stress physiology, and resilient agricultural practices. We welcome contributions that investigate sustainable approaches to improving vegetable production under abiotic stress conditions including original research, reviews, and case studies that address the following:

The physiological and molecular responses of vegetables to drought, heat, salinity, and other climate-induced stresses;

Nutrient management strategies to enhance stress resilience, including the role of macro- and micronutrients, biofertilizers, and organic amendments; Innovative cultivation systems, such as precision agriculture, hydroponics, aquaponics, and vertical farming, to optimize resource efficiency;

Postharvest quality and stress-induced changes in nutritional and bioactive compounds in vegetables; Sustainable agronomic practices that balance productivity with environmental conservation.

Guest Editors

Dr. Georgia Ntatsi

Dr. Theodora Ntanasi

Dr. Ioannis Karavidas

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

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About the Journal

Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

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