

Special Issue

Factors Affecting Yield, Quality, Antioxidants, Mineral Composition and Residual Biomass Valorization of Vegetable Crops 2.0

Message from the Guest Editors

Vegetable crops are widespread worldwide and characterized by management systems differing from each other with regard to the farming practices performed. However, all the systems should be managed in order to make them sustainable, both under the production and environmental safeguard perspectives. The crucial role of either farming or environmental factors on vegetable crop systems has been attracting the scientific community's attention and stimulating its research interest. In this Special Issue, we warmly welcome articles that focus on factors affecting yield, quality, antioxidant compounds and activity, mineral composition, and residual biomass valorization of vegetable crops grown in an open field or greenhouse, carried out upon investigations regarding agronomical, biochemical, physiological, genetic aspects of plant, soil, microbiome, nutrients, and hormone interactions in any vegetable species, including those industry-oriented (legumes, tomato, potato).

Guest Editors

Dr. Nadezhda A. Golubkina

Prof. Dr. Gianluca Caruso

Prof. Dr. Viliama Vasileva

Prof. Dr. Agnieszka Sękara

Dr. Liubov Skrypnik

Dr. Alessio Tallarita

Deadline for manuscript submissions

closed (20 July 2022)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/87437

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

[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)





Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)



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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, AGRIS, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)