



Vegetable and Fruit Production

Guest Editors:

Dr. Lord Abbey

Department Plant Food, and
Environmental Sciences, Faculty
of Agriculture, Dal-housie
University, Bible Hill, NS B2N5E3,
Canada

Dr. Josephine Ampofo

Department of Food Science and
Technology, University of
California, Davis, CA 95616, USA

Dr. Mason MacDonald

Department Plant Food, and
Environmental Sciences, Faculty
of Agriculture, Dalhousie
University, Bible Hill, Halifax, NS
B2N5E3, Canada

Deadline for manuscript
submissions:

closed (30 June 2023)

Message from the Guest Editors

Dear Colleagues,

Vegetables and fruits are generally known to contain important vitamins, fiber, essential minerals, and vital bioactive compounds that possess anti-inflammatory, antimicrobial, antioxidant, and anticancer properties. However, the compositions of these compounds are dependent on plant genotypic, environmental, and management factors. By nature, the production of vegetables and fruits requires high input and intensive management practices compared to other crops. Consequently, collaboration between industry, researchers, and policymakers has led to the development or adoption of some novel technologies to improve vegetable and fruit crop growth, productivity, and harvest, as well as edible qualities. Therefore, this Special Issue of *Plants* welcomes research papers that focus on the entire chain of vegetable and fruit production including microgreens under field and greenhouse production systems and marketing. Specific areas are soil/growing media, irrigation, germplasm evaluation, environmental effect, pest and disease management, new crops, postharvest quality, processing, storage, and marketing, among others.





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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)

Contact Us

Plants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)