



plants



an Open Access Journal by MDPI

Effects of Viticultural Practices and Edaphoclimatic Conditions on Grape and Wine Quality

Guest Editors:

Dr. Gastón Gutiérrez-Gamboa

Dr. Mar Vilanova de la Torre

Dr. Nicolás Verdugo-Vásquez

Dr. Karine Pedneault

Deadline for manuscript
submissions:
closed (25 July 2023)

Message from the Guest Editors

Dear Colleagues,

Variations in temperature, relative humidity, water availability, and UV radiation, among others, may affect vine physiology, productivity, berry quality, and wine typicity. Viticultural practices and edaphoclimatic conditions affect grape and wine quality, and their understanding may provide us valuable information for vineyard management and to define harvesting time.

This Special Issue is opened to a wide range of manuscripts that evaluate the effects of viticultural strategies and edaphoclimatic conditions on vine physiology, berry quality, and wine typicity. Manuscripts covering different topics such as abiotic and biotic stress, vine phenology, bioclimatic indices, selection of vineyard, planting material, training systems, crop thinning, shoot trimming, leaf removal, canopy management, irrigation, plant hormones, and foliar fertilization, among others, are highly invited.



mdpi.com/si/106917

Special Issue



plants



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](#), [CAPus / 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)