



Orchard Management under Climate Change

Guest Editors:

Prof. Dr. Sarita Leonel

School of Agriculture,
Department of Horticulture. São
Paulo State University (UNESP),
Botucatu 18610-307, SP, Brazil

Dr. Sergio Ruffo Roberto

Department of Agronomy,
Agricultural Research Center,
Londrina State University, Celso
Garcia Cid Road, Londrina P.O.
Box 10.011, Brazil

Dr. Simone Rodrigues da Silva

Universidade de São Paulo,
Escola Superior de Agricultura
Luiz de Queiroz, Avenida Pádua
Dias, nº 11, P.O. Box 9, Piracicaba
13418-900, SP, Brazil

Deadline for manuscript
submissions:

25 September 2024

Message from the Guest Editors

Dear Colleagues,

New fruit-growing frontiers have been developed in recent years. At the same time, climate changes have caused the deterioration of traditionally cultivated areas. Using physiological principles to guide precision orchard management will greatly improve yields, and consequently, quality attributes, ensuring that every fruit grown is of a high quality. In this scenario, there is a need for major environmental and technical challenges in orchard management. This Special Issue, entitled "Orchard Management under Climate Change", which aims to disseminate recent research findings in order to continue moving together towards more productive and sustainable fruit farming. Contributions on the following topics are welcome: the increase in productive crop cultivars; advanced soil use and management techniques; mechanization process; training system; cultural practices such as irrigation, fertilization, canopy density, thinning, pesticide application technology, fruit harvesting descriptors and methods; and other innovations that improve the profitability and sustainability of fruit crops.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and
Environmental Sciences and
Technologies, Università del
Salento, Centro Ecotekne, Via
Provinciale Lecce Monteroni,
73100 Lecce, Italy

Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

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), PubAg, AGRIS, FSTA, and other databases.

Journal Rank: JCR - Q1 (*Horticulture*) / CiteScore - Q2 (*Horticulture*)

Contact Us

Horticulturae Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/horticulturae
horticulturae@mdpi.com
[X@Horticult_MDP](https://twitter.com/Horticult_MDP)