



Greenhouse: Comfort and Ambience for Horticulture Plants

Guest Editors:

Dr. Costa Edilson

Cassilândia University Unit,
Agronomy Department, Mato
Grosso do Sul State University-
UEMS, 306 Road, Km 6,
Cassilândia CEP 79540-000, MS,
Brazil

Prof. Dr. Eduardo Pradi Vendruscolo

Cassilândia University Unit,
Agronomy Department, Mato
Grosso do Sul State University-
UEMS, 306 Road, Km 6,
Cassilândia CEP 79540-000, MS,
Brazil

Deadline for manuscript
submissions:

29 November 2024

Message from the Guest Editors

Regarding the vegetal ambience in protected environments, it is interesting to define the optimum environment and the best production system within that environment for a given horticultural species. In addition, it is crucial to identify the available technologies that act on the internal or external micrometeorological variables of the protected environment, understand how they improve the comfort conditions for the plants, and increase the productivity of the crops or the quality of the seedlings.

Therefore, it is important to study the type of protected environment, lighting, photosynthetically active radiation, production system, irrigation, nutrition, substrates, and containers, among others, to define the optimum comfort and ambience for horticultural plants.

This Special Issue includes studies on the effect of different types of protected environments, on the various production systems within these environments, on the management of the environment and the production system, and on the methods used to control the protected environment, with the aim being to promote comfort and ambience for horticulture.





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, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/horticulturae
horticulturae@mdpi.com
X@Horticul_MDPI