# **Special Issue**

# Trends of Horticultural Production and Practice in Intelligent Greenhouse

### Message from the Guest Editor

Dear Colleagues, As a technology to improve the productivity of horticultural crops, greenhouse cultivation has become an incredibly important method. Greenhouse cultivation is ultimately about maximizing productivity by managing to maintain optimal growth conditions for crops. Environmental conditions in the greenhouse for improving the productivity of horticultural crops have be controlled using a computer. and further studies are underway to move to an automatic control system through big data between growth environmental conditions and yield. An intelligent greenhouse can be described as a cultivation facility through big data and automatic computer control. This Special Issue will focus on the "Trends of Horticultural Production and Practice in Intelligent Greenhouse". We welcome new research, reviews, and opinions on all related topics, including greenhouse control through big data, growth modeling, environmental control, artificial light, hydroponics, environmental sensing, and changes in plant phenotyping and yield due to different environmental conditions in a greenhouse for horticultural crop production.

### **Guest Editor**

Prof. Dr. Hyo Gil Choi

Department of Horticultural Sciences, Kongju National University, 54, Daehak-ro, Yesan-gun, Chungcheongnam-do 32439, Korea

### Deadline for manuscript submissions

closed (31 January 2022)



# Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.1



mdpi.com/si/91174

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

mdpi.com/journal/ horticulturae





## Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.1



### About the Journal

### 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.

### Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and Environmental Sciences and Technologies (DiSTeBA), Salento University, 73100 Lecce, Italy

### **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 - Q1 (Horticulture)

