# **Special Issue**

# Cultivation of Horticultural and Medicinal Plants in the Greenhouse and in Plant Factory Systems

### Message from the Guest Editors

Hydroponic cultivation approaches are becoming extensive and are considered to be sustainable for the future of horticultural plant production worldwide. especially in areas with environmental extremities such as poor soil quality and water scarcity. Recently, the global interest in the production of horticultural plants in environment-controlled greenhouses, and especially in plant factory systems, is rapidly increasing. These systems enable greater automation and the implementation of tailored environments for the enhancement of the qualitative and quantitative traits of cultivated horticultural plants. The purpose of this Special Issue is to publish high-quality research and review articles addressing recent trends in the production of horticultural plants in hydroponic systems under controlled environmental conditions. Manuscripts relevant to the present topic related to plant propagation, nutrition enhancement, and hydroponic medium can also be submitted for consideration for this Special Issue.

### **Guest Editors**

Dr. Abinaya Manivannan

Prof. Dr. Byoung Ryong Jeong

Prof. Dr. Seung-jae Hwang

### Deadline for manuscript submissions

closed (31 October 2021)



## Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 6.8



mdpi.com/si/58875

Sustainability
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sustainability@mdpi.com

mdpi.com/journal/ sustainability





## Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 6.8



### **About the Journal**

### Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in *Sustainability*, an international Open Access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. *Sustainability* publishes original research articles, review articles and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

### Editor-in-Chief

Prof. Dr. Marc A. Rosen

Faculty of Engineering and Applied Science, University of Ontario Institute of Technology, Oshawa, ON L1G OC5, Canada

#### **Author Benefits**

### **Open Access:**

free for readers, with article processing charges (APC) paid by authors or their institutions.

### **High Visibility:**

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, AGRIS, RePEc, CAPlus / SciFinder, and other databases.

### **Journal Rank:**

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

