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# Optimal Control of Light Conditions to Maximize Plant Production in Protected Cultivation

Guest Editors:

## Prof. Dr. Seung Jae Hwang

Division of Horticultural Science, College of Agriculture & Life Sciences, Gyeongsang National University, Jinju 52828, Republic of Korea

## Prof. Dr. Yurina Kwack

Department of Environmental Horticulture, University of Seoul, Seoul 02504, Republic of Korea

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## **Message from the Guest Editors**

Dear Colleagues,

In crop production, light plays a critical role in regulating growth and development. In protected cultivation, the establishment of an optimal light condition is directly correlated with crop yields. A variety of strategies can be employed to assist in the effective management of light conditions throughout the day and season.

This Special Issue incorporates a series of research papers that address the control of the optimal light environment in protected horticulture from a variety of perspectives, with the objective of enhancing crop quantity and quality. Also, it covers following topics: temperature and irrigation control in conjunction with optimal light regulation to minimize crop stress and maximize photosynthesis and growth modeling to account for changes in light intensity.

Prof. Dr. Seung Jae Hwang Prof. Dr. Yurina Kwack Guest Editors











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## **Editor-in-Chief**

## Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture, Water and Environment Research, Charles Sturt University, Wagga Wagga, NSW 2678, Australia

# Message from the Editor-in-Chief

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