# Special Issue

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

# Message from the Guest Editors

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.

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