

Special Issue

Advanced Lighting Strategies for Controlling Crop Development and Quality

Message from the Guest Editors

This Special Issue aims to provide a comprehensive overview of recent advancements in lighting strategies and their impact on the development and quality of vegetable, flower, and ornamental crops. It aims to explore cutting-edge research on the utilization of innovative light management systems with different wavelengths, light intensities, photoperiods, and lighting technologies to manipulate various aspects of plant growth, reducing electric energy requirement, and increasing the agronomic inputs' use efficiency. We are soliciting papers presenting original research, reviews, and perspectives on spectral manipulation, lighting technology innovations, physiological responses of plants to light, and practical applications of advanced lighting strategies in agriculture, horticulture, and controlled environment settings.

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Deadline for manuscript submissions

closed (31 May 2025)



Agronomy

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Impact Factor 3.4
CiteScore 6.7



mdpi.com/si/197838

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