

## Special Issue

# Light and Temperature Signals for Regulating Horticultural Crop Growth and Development

### Message from the Guest Editors

This Special Issue aims to collect manuscripts focused on light and temperature, important environmental factors which regulate the growth and development of horticultural crops. The precise control and in-depth understanding of light and temperature signals are crucial for maximizing crop growth, development, and productivity in settings such as greenhouses and indoor farms. This Special Issue will explore how photoperiodism, light quality, and temperature influence physiological processes like germination, flowering, fruiting, and photosynthesis, with an emphasis on applications in controlled-environment systems. We encourage contributions on the application of controlled environments, technological innovations, and crop management strategies to optimize these environmental factors.

Dr. Jiali Song

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2025)



## Agronomy

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### Editor-in-Chief

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