

## Special Issue

# The Effects of Cultivation Methods on the Nutritional Value of Vegetables

### Message from the Guest Editors

Vegetables play an increasingly crucial role in ensuring food and nutritional security by serving as vital sources of nutrients that are necessary for healthier diets. Vegetable farming involves a diverse range of crops, leading to significant variations in the applied agricultural methods. Modern hybrid species are distinguished by higher yields, a better appearance, easier handling, and improved marketability, often at the expense of nutritional value. The parameters of the handling and cultivation environment enable R&D advancements of crops through the specific impacts of research on plants' growth, development, and metabolism. In addition, the exploration of plants' physiological characteristics and the advancement of genetic knowledge of cultivation methods focusing on species-specific plant functioning are enabled. This Special Issue of *Plants* will highlight insights on cultivation methods that are applied in the open field or in a closed environment, seeking to create strategies for combating hidden hunger.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2025)



## Plants

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### Message from the Editor-in-Chief

*Plants* is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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### Editor-in-Chief

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