

## Special Issue

# Genetic and Environmental Factors Influencing the Growth of Horticultural Crops

### Message from the Guest Editors

Plants are shaped by their genetic makeup and the environment. Genetic makeup determines inherited traits, while environmental factors affect plant growth and development. Horticultural crops include vegetables, fruits, ornamentals, culinary herbs and spices, medicinal and aromatic plants. Environmental factors that affect plant growth and development include light, temperature, air, humidity, soil, water, nutrients, pollutants and plant growth regulators, as well as insects and beneficials or detrimental microbes. Production conditions can substantially affect the growth and quality of horticultural crops. Some of these production environments include open fields or greenhouses using fertile soils, hilly mountainous terrains using marginal soils, and containers filled with soilless substrates positioned either outdoors or under a controlled environment. This Special Issue is intended to publish manuscripts concerning genetic and environmental factors influencing horticultural crop growth at morphological, physiological and molecular levels. Both research and review manuscripts addressing these concerns, including crop responses to abiotic and biotic stresses, are welcome.

### Guest Editors

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### Deadline for manuscript submissions

closed (10 May 2025)



## Agriculture

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## About the Journal

### Message from the Editor-in-Chief

*Agriculture* (ISSN 2077-0472) is an international, cross-disciplinary and scholarly journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. We invite submissions from authors according to the aims and scope of the journal described in more detail on this page. *Agriculture* is published in an open access format – articles are published on the journal's website immediately after acceptance, giving the scientific community and the public unlimited and free access to the content.

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### Editor-in-Chief

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