

## Special Issue

# Agronomy, Production Systems, Advanced Phenotyping, Breeding, Genetics and Genomics of Horticulture Crops

### Message from the Guest Editors

Horticulture crop production and fruit quality traits are influenced by genetic and non-genetic factors. It is important to understand the production systems, agronomy, crop physiology, and pre- and post-harvest factors that affect overall production (yields) and fruit quality. There is limited knowledge about the use of advanced phenotyping tools coupled with a genomics-assisted program to measure the gene metrics of key desirable fruit quality traits when key developmental stages of horticulture crops face detrimental effects due to environmental changes. Further, we need to evaluate advanced phenotyping platforms for the measurement of tree agronomic and productivity traits coupled with consumer-driven fruit quality traits, as well as evaluate substantial changes in the environment where the plants are grown. This Special Issue deliberates on the approaches to measure the potential effect of environmental and biotic factors coupled with farm-level management practices in elucidating and improving horticulture crop productivity and consumer-driven fruit quality traits.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 December 2023)



## Agriculture

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## About the Journal

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*Agriculture* (ISSN 2077-0472) is an international, crossdisciplinary and scholarly open access journal on the science and technology of crop and animal production, and management of the natural resource base for agricultural production. *Agriculture* is published in an open access format – research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published.

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