

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.

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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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