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Sustainable Viticulture: Soil Fertility, Plant Nutrition and Grape Quality

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15 October 2024

Message from the Guest Editors

Dear Colleagues,

In the field of viticulture, by adopting sustainable practices and strategies, modern vineyards are able to mitigate the impacts of pests, diseases, climate and soil constraints on berry yield and quality, in addition to providing environmental services. Considering that soil fertility, and therefore vine nutrition, is one of the main regulators of grape yield and quality, and of environmental quality in vine-growing regions, it should be precisely modulated according to the grape production strategy and objectives. Thus, the choice of sustainable soil management strategies is crucial for not only preserving environmental quality.

The purpose of this Special Issue on “Sustainable Viticulture: Soil Fertility, Plant Nutrition and Grape Quality”, is to contribute to the dissemination of new scientifically based knowledge and results about soil and fertility sustainable management practices in viticultural systems. This will provide practitioners and agriculturalists with valuable evaluations of the effects of these practices on vine nutrition, grape quality and the environment for the maximum benefit of viticulture and society.

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Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

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