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Nutrient Management Effects on Wine Grape Production and Wine Quality

Guest Editor:

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Deadline for manuscript submissions:

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Message from the Guest Editor

Enhancing vineyard soil health is essential to sustaining current global wine production and meeting future demand. While numerous management factors influence soil health, efficient management of inputs can optimize wine grape production, enhance wine quality, and reduce the impact of nutrient use on the environment. The primary objective of this Special Issue is to summarize contemporary soil and nutrient management technologies best suited to sustain and increase vineyard productivity and enhance wine quality. These technologies include evaluations of diverse nutrient sources (inorganic vs. organic), application methods and timing (soil vs. foliar), ground cover management, and variable rate approaches on wine grape production and measurable wine juice parameters related to wine quality (yeast assimilable nitrogen, acidity, Brix, aromatic compound profiles, etc.). In addition, research summarizing soil and nutrient management effects on indicators of soil health (soil carbon, bulk density, pH, etc.) and environmental quality (off-site nutrient transport, NO_x emission, etc.) are encouraged.



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Special Issue



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Message from the Editor-in-Chief

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