



Ecophysiology and Management of Grapevines Under Changing Climatic Conditions

Guest Editor:

Dr. Vinay Pagay

School of Agriculture, Food and Wine, University of Adelaide, Adelaide, SA 5005, Australia

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Message from the Guest Editor

Climate change poses ongoing challenges to vineyard sustainability and is drastically altering the global viticultural landscape vis-à-vis site suitability, selection of grapevine cultivars and rootstocks, and management practices. While viticulturists have a range of tools in their toolkit to adapt to and manage vineyards under changing environmental conditions, we have little understanding of the inherent ability of grapevines to respond and adapt to these changing conditions, particularly over long (i.e., decadal) timescales. This lack of understanding underestimates the potential plasticity that grapevines may possess to adapt to and even thrive under changing environments.

Due to the broad nature of this topic, papers will range from fundamental anatomical and biophysical changes to biochemical and physiological modifications relating to grapevine plasticity. Through this Special Issue, we hope to increase our nascent understanding of the phenotypic plasticity of specific traits that grapevines possess to increase resilience to a changing climate.





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Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

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Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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