



## Global Climate Change, Sustainability, and Challenges for Grape and Wine Production

Guest Editors:

**Dr. José Manuel Moutinho  
Pereira**

Centre for the Research and  
Technology of Agro-  
Environmental and Biological  
Sciences (CITAB), University of  
Trás-os-Montes e Alto Douro, Apt.  
1013, 5001-801 Vila Real, Portugal

**Prof. Dr. Javier J Cancela**

GI-1716, Projects and  
Planification, Dpto. Ingeniería  
Agroforestal, Universidad de  
Santiago de Compostela, Escola  
Politécnica Superior de  
Enxeñaría, Rúa Benigno Ledo s/n,  
27002 Lugo, Spain

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### Message from the Guest Editors

Dear Colleagues,

The change in global climate in the current century is unquestionable. In most wine-growing regions, a critical rise in temperature and an increasing frequency of droughts have been observed, which may bring significant changes to the functional biodiversity of vineyard ecosystems and to grapevine behaviour and related yield and berry quality. Consequently, the predicted alterations in climate may have dramatic socioeconomic consequences in all wine-grape sectors, since wine quality is profoundly linked to the ‘terroir’ concept, which includes climate as one of its major determinants. Although grapevines show notable climate resilience, all wine-grape sectors must develop necessary adjustments, preferably focused on suitable and eco-friendly viticultural and oenological practices, to ensure well-balanced grape ripening and high-quality wine production.

Prof. Dr. José Manuel Moutinho Pereira

Prof. Dr. Javier J Cancela

*Guest Editors*





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### Prof. Dr. Les Copeland

Sydney Institute of Agriculture,  
School of Life and Environmental  
Sciences, The University of  
Sydney, Sydney, NSW 2006,  
Australia

## Message from the Editor-in-Chief

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Agriculture Editorial Office  
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