Special Issue

Viticulture and Climate

Message from the Guest Editors

Climate change may significantly impact grape production. Several studies have already reported a significant increase in growing season mean temperatures and erratic precipitation events, which are having a remarkable impact on vineyard management and wine styles across various renowned grape and wine production areas worldwide. The impact of anthropogenic global warming on viticulture has been thoroughly studied and several climate scenarios are projecting increased stress conditions for grapevine growth and development. The viticulture of the future will be related to innovative and alternative adaptation and mitigation measures to be implemented in a timely manner by stakeholders. This Special Issue of Atmosphere welcomes articles related to viticulture and climate, climate change impacts on grape production and fruit and wine quality, alternative and innovative strategies for adaptation to environmental stress, and modelling studies.

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About the Journal

Message from the Editor-in-Chief

Continued developments in instrumentation and modeling have driven atmospheric science to become increasingly more complex with a deeper understanding of concepts, mechanisms, and interactions. This is the field that innovation built and it has led to a better appreciation for the complexity with atmosphere. Human life is intertwined in this complexity as we strive to better understand our atmosphere. Climate change is constantly stretching the limits of our thinking and forcing new ideas and concepts to be played out. Welcome to the Anthropocene!

Editor-in-Chief

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