Special Issue

Climate Change and Wine: New Frontiers toward Sustainable Winemaking

Message from the Guest Editors

Climate change is increasingly impacting all agriculturalbased production systems, including wine sector. Even if the impact of climate change may have different implications on wine production depending on specific area, traditional wine producer regions are more frequently exposed to higher temperatures and water deficits, reducing yields and modifying wine quality. Thus, climate adaptation and mitigation strategies are needed to preserve the production from local and traditional grapes varieties. Similarly, apprehension about the potential effects of global warming has increased scientists' interest in assessing future impacts and consequences on both production and consumption sides. At the same time, a growing demand from consumers and policies for more sustainable wines can be observed, which requires R&D investments in cleaner technologies and eco-efficiency without major changes in the local traditional practices formalized and protected by the EU quality schemes.

Within this framework, this special issue aims to collect rigorous studies and researches that highlight the challenges and opportunities of sustainable winemaking in a changing climate.

Guest Editors

Prof. Giuseppe Di Vita

Department of Agricultural, Forest and Food Sciences, University of Turin, Italy

Prof. Dr. Francesco Caracciolo

Department of Agricultural Sciences, University of Naples Federico II, 80055 Naples, Italy

Deadline for manuscript submissions

closed (15 March 2023)



Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



mdpi.com/si/44251

Sustainability Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 sustainability@mdpi.com

mdpi.com/journal/ sustainability





Sustainability

an Open Access Journal by MDPI

Impact Factor 3.3 CiteScore 7.7



About the Journal

Message from the Editor-in-Chief

I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

Editor-in-Chief

Prof. Dr. Steve W. Lyon

School of Environment and Natural Resources, Ohio State University, Columbus, OH 43210, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE and SSCI (Web of Science), GEOBASE, GeoRef, Inspec, RePEc, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Environmental Studies) / CiteScore - Q1 (Geography, Planning and Development)

