

1. Record Nr.	UNINA9910845492503321
Autore	Gutiérrez Gamboa Gastón
Titolo	Latin American Viticulture Adaptation to Climate Change [[electronic resource]] : Perspectives and Challenges of Viticulture Facing up Global Warming // edited by Gastón Gutiérrez Gamboa, Mercedes Fourment
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2024
ISBN	3-031-51325-8
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (246 pages)
Altri autori (Persone)	FourmentMercedes
Disciplina	630
Soggetti	Agriculture Bioclimatology Sustainability Food science Wine and wine making Climate Change Ecology Food Science Oenology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter. 1. Opening remarks and general overview of Latin American viticulture -- Chapter. 2. The history of winemaking in Latin America and new trends: identity, market and consumption -- Chapter. 3. Sustainability of Latin American Viticultural firms. Sustainability frameworks development in a context of global challenges -- Chapter. 4. Tropical viticulture in Brazil: São Francisco Valley as an important supplier of table grapes to the world market -- Chapter. 5. Heavy metal stress response in plants and their adaptation -- Chapter. 6. The cradle of Chilean wine industry? The vitiviniculture of the Pica Oasis -- Chapter. 7. Recovering the Asoleado: a heritage of the rainfed of Maule Valley -- Chapter. 8. Terroir and typicity evolution of different Uruguayan wine-regions -- Chapter. 9. Adaptation to climate change and variability for viticulturists in Uruguay -- Chapter. 10. Climate change adaptations of Argentine viticulture -- Chapter. 11.

Autochthonous grapevine varieties from Argentina -- Chapter. 12. Impact of climate change on Argentinean viticulture: if we move to the south, what may be the effect of wind -- Chapter. 13. Growing vines in the Mapuche heartland: the first report about the vitiviniculture of the Araucanía Region -- Chapter. 14. Heroic viticulture in Itata Valley, Chile: characteristics and challenges for the development of unique wines in southern Chilean vineyards -- Chapter. 15. Concluding remarks and future directions.-.

Sommario/riassunto

Latin American viticulture faces a wide range of difficulties that include social, political, economic, and productive aspects. Soil diversity, together with the climates in which the viticulture activity takes place, favours the production of grapes, juices, raisins, musts, wines, and distillates with unique and distinctive characters for the world. In addition, the great genetic diversity that covers autochthonous and minor grapevine varieties, including unknown genotypes, opens a wide range of research opportunities for the adaptation of the viticulture to the negative effects of global warming, favouring sustainability and social equity. This book compiles the research about the new viticultural trends performed in diverse regions from Latin America such as Argentina, Brazil, Bolivia, Chile, Dominican Republic, Haiti and Uruguay, covering different topics in viticulture of global importance. This book addresses the impacts of soil and climatic conditions and viticultural practices on vine physiology, berry quality and wine typicity, including topics related to social sciences and agricultural economics. This will allow to provide a relevant discussion for future guidelines in viticulture under a territorial development perspective.
