



XIIIth International Terroir Congress
17–18 November 2020
Virtual Congress | Adelaide, Australia

The proceedings of the XIIIth International Terroir Congress are available!

The **XIIIth International Terroir Congress**, organised by the **University of Adelaide** (Australia) was held from 17 to 18 November 2020.

Since 1996, this biennial event allows the scientific and industry communities to meet and discuss the latest results of research and information on the concept of 'terroir'. The Meeting covered the main fields in viticultural, wine and sensory research and innovation and focused on the; history and innovation of terroir, people shaping terroir, scales of terroir and terroir conservation. The comprehensive program featured international and national experts who presented the latest research on all concepts related to 'terroir'. The next International Terroir Congress 2022, will be held in Bordeaux (France).

The congress organisers have decided to share all the communications from the International Terroir congress 2020.

All the contents have been published with open access on the **IVES Conferences Series** (ICS) platform. Launched in 2021 by the **International Viticulture and Enology Society**, this platform aims to collate all the proceedings of major viticulture and enology conferences.

On ICS website, you can find the live sessions of the congress, download the articles and even listen to the podcasts recorded.

Articles & videos

Understanding provenance and terroir in Australian Pinot noir

Aims: This study aimed to (i) characterise colour and phenolic profiles of commercial Australian Pinot noir wines, (ii) understand regional drivers of sensory and volatile profiles of commercial Australian Pinot noir wines, and (iii) generate a deeper understanding of where Australian Pinot noir wine grapes grow to an international context.

Methods and Results: A broad set of commercial wines was sourced from six Australian Pinot noir producing wine regions (2012 from two vintage (2017 and 2018)). The modified sensory method was used for preliminary colour and phenolic analysis of the wines. Notable colour and phenolic profile differences were observed amongst the regions. For example, wines from Southern Tasmania were found to have consistently higher anthocyanin levels.

A sub-set of the broad group of Australian samples (n=40) was selected for grape-derived and fermentative volatile analysis (solid phase micro extraction coupled with gas chromatography-mass spectrometry) to address colour and phenolic analysis. Storage was found to have a greater effect on aroma compounds than region.

A narrower set of commercial wines (n=45) was sourced from six Australian Pinot noir producing wine regions to do depth sensory (Pinot) and grape-derived and fermentative volatile analysis (solid phase micro extraction coupled with gas chromatography-mass spectrometry). The sensory assessment results showed that wines from the Eden Valley, and to a lesser extent two from Southern Tasmania were associated with red fruit aromas, while the majority of wines from Adelaide Hills, Barossa

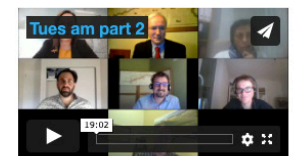


Live sessions

Scales of terroir (Part 1)

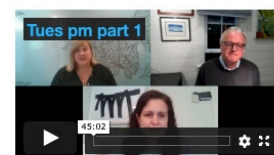


Scales of terroir (Part 2)

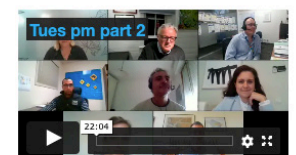


History and innovation – Live session

History and innovation (Part 1)



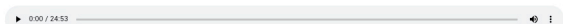
History and innovation (Part 2)



Podcasts



Fortresses were mined after the great promise of the 1860s and early 1870s. Many of Australia's greatest 19th Century vineyards were planted during this time. Economic, social and agricultural challenges hampered progress. The arrival of Phylloxera in Victoria in 1875 was met with a scorched earth policy. But South Australia's quarantine laws protected the vast plantings of grape vines especially around Adelaide, McLaren Vale, Barossa and the Clare Valleys. Australian Burgundy boomed in the 1880s and 1890s. After the Second World War plant breeding programmes were introduced to improve colonial vinestock material, while only a trickle of new clones and selections were permitted into Australia.



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