

Response reviewer #2

This manuscript is a concerted and cooperative effort for investigating the long-term trend in summer VPD over Europe throughout the past, present, and future. The Author utilised a network of tree-ring $\delta^{18}\text{O}$ chronologies for the first time to reconstruct the European summer VPD for the past four centuries. The Material and Methods have been clearly described and comprehensive analyses have been performed. In the results and conclusion, the author did an impressive job in investigating and discerning the spatial and temporal changes in VPD. Concerning the hot topic and critical situation of the current changing climate, the content of this research is requisite and very practical for addressing the diverse effects of climate change on the ecosystem.

We thank anonymous reviewer #2 for his time and effort in reviewing our manuscript. Additionally, we would like to express our gratitude for the appreciative feedback.