

Referee #1

Besides the minor corrections that have been included, we believe that we have answer to your specific comments and substantive questions, namely:

- 1) We have performed the traditional Winkler scale index and “our” local scale index, both to the same period of April_October; Figures of both spatial distributions have been included (Fig. 1 and Fig. 3);
- 2) We have included an new illustrative climatic-diagrams in order to have some quantitative information about the climatic conditions of the litoral of the Islands, including precipitation, temperature and water balances;
- 3) We have included as supplementary material (under consideration of the referees) two more indexes: Cool night index proposed by Toniato and Carbonneau (Fig. S1) and growing season accumulated precipitation (Fig. S2).
- 4) We have improved and expanded all the text and the results, including pertinent references, and some considerations about wine characteristics of these new potential zones for wine production in Azores.

Referee #2

Besides the minor corrections that have been included, we believe that we have answer to your specific comments and substantive questions, namely:

- 1) about definition of suitability parameters...: we have improved the the explanations about the approach and methodology, including a better characterization and definition of the local most relevant parameters for zoning suitability.
- 2) about quantitative climate information: we have improved the description and included an illustrative climatic-diagram in order to have some quantitative information about the climatic conditions of the littoral of the Islands, including precipitation, temperature and water availability (Fig. 3) ;
- 3) Other Indexes: we have included as supplementary material (under consideration of the editor) two more indexes: Cool night index proposed by Toniato and Carbonneau (Fig. S1) and growing season accumulated precipitation (Fig. S2).
- 4) we have included scale diagram into the maps;
- 5) We have included pertinent references and rearranged all the text looking for a better readability.