

### Review Form 3

Journal Name:	<a href="#">International Journal of Environment and Climate Change</a>
Manuscript Number:	Ms_IJECC_129376
Title of the Manuscript:	EFFECT OF ELEVATED CO2 AND TEMPERATURE CHLOROPHYLL CONTENT OF GRAPE VARIETIES
Type of the Article	Original Research Article

#### PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	The topic of this manuscript is to investigate the effect of eCO <sub>2</sub> (550ppm), eT (+3°C) and interaction of eCO <sub>2</sub> + eT on chlorophyll content in grapes. This study is important because it can give an idea of how the global increase in temperature affects chlorophyll content, green mass and, beyond that, crop and plant vital rates. As climate change is one of the most important global problems facing the world today, we need to prioritise the results and the plant species and varieties that are suitable for sustainable agricultural production.	Noted
Is the title of the article suitable? (If not please suggest an alternative title)	Yes, the title is appropriate and expressive, I don't think it needs to be changed.	Ok
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	I think it would be good to have some kind of introductory sentence, some kind of background to why this research is important. It would be good if the hypothesis could be included in the text.	Effectuated
Is the manuscript scientifically, correct? Please write here.	Yes, correct and clear.	ok
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	In my opinion, the number of references is too few, the introductory chapter is short and underdeveloped and needs to be supplemented with a more global presentation of the topic, highlighting the hypotheses with scientific previous results.	Noted
Is the language/English quality of the article suitable for scholarly communications?	Yes, English is correct, it does not limit understanding.	ok
<u>Optional/General</u> comments	The sections mentioned above are good, the Abstract and the literature review need to be revised.	ok

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	