Review Form 3

Journal Name:	**International Journal of Environment and Climate Change**
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** *(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
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 manuscript is important to the international scientific community as it addresses research on climate change. The study focused on the effect of carbon dioxide on green production and root cuttings, especially in grape plants. The grape varieties used in the study are among the most important types consumed by people.** **The introduction is insufficient to clarify the problem and scientific explanations are limited**	
Is the title of the article suitable? **(If not please suggest an alternative title)**	**Not suitable** **The effect of high carbon dioxide and temperature on the total chlorophyll content in grape varieties**	
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.	**the abstract of the article is complete comprehensive but the key words is not enough** **Suggested Key Words:** CO_2 concentration, Chlorophyll content, Green House Gases, global warming and synthesis	
Is the manuscript scientifically, correct? Please write here.	Yes	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No **The references are insufficient and outdated, the most recent being 2007**	
Is the language/English quality of the article suitable for scholarly communications?	yes	
Optional/General comments	**1- The type of photoanalyzer is a bit old (spectronic – 20)** **2- Explain the source of carbon dioxide used in the experiment** **3- The research does not provide an adequate scientific explanation for the effect of carbon dioxide on chlorophyll or on the total crop later** **4- He should have measured the surface area of the paper** **5- Materials and methods are not enough**	

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PART 2:

	Reviewer's comment	**Author's comment** *(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)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

Name:	**Mahmoud Atef Saleh**
Department, University & Country	**Horticulture Research Institute, Agriculture Research Center, Egypt**