

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_122303
Title of the Manuscript:	A Comparative Study Of Phytoremediation Of Heavy Metals In Soil Using Brassica Juncea, And Green Gram
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION 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. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	This manuscript is important to the scientific community because it shows the prospect of improving phytoremediation potentials of plants with soil ammendments. It also uses an edible crop (<i>Vigna radiata</i>) in phytotemediation, a phenomenon which is quite unconventional in the scientific community. However, I'm curious as to why the author conducted this experiment in only so few as 40 days.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title of the manuscript is only suitable if the goal of the research as stated in the last paragraph of the introduction includes "understand the toxicity of heavy metals in <i>Vigna radiata</i> leaf and how to treat them". Although, the conclusion of the author did not make any reference to this goal Secondly, the scientific name of the green gram plant should be used in the title. Moreover, the specific heavy metals being investigated should be included in the title to eliminate ambiguity.	
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.	While I think the abstract is comprehensive, I would like to suggest the addition of a summary of the results from the comparative study.	
Are subsections and structure of the manuscript appropriate?	The manuscript has well structured subsections	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	I like this manuscript because it focuses in soil ammendments using Silica to faciliate heavy metal phytoremediation. It also employs a host of physicochemical laboratory investigations in the research. However, no comparative study (on the effect of adding silica to the soil) on the heavy metal phytoremediation potential of the plants was carried out under varying soil conditions.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form. :	I find the references sufficient, but a number of them date back over a decade ago. More recent citations should be used. However, many unnecessary citations where made. For example, the last citation under "Statistical analysis" is both unnecessary and inappropriate.	
Minor REVISION comments Is the language/English quality of the article suitable for scholarly communications?	The language quality is well above average. However, some words seem to have inappropriate usage, for example, the word "unsightly" in paragraph one of the introduction, among other grammatical misappropriations. Also, the inconsistent use of capitalization where appropriate needs to be reviewed by the author. Moreover, new ideas need to be organized into paragraph to make the manuscript easier to assimilate	
Optional/General comments	All plant scientific names must be italicized.	

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PART 2:

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

Reviewer Details:

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