

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_109851</b>
Title of the Manuscript:	<b>Assessment Of Physico-Chemical Properties of Soil and Irrigation Water Quality of Phulpur Blocks of Prayagraj District, Uttar Pradesh</b>
Type of the Article	

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**PART 1: Review Comments**

	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)
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</li> <li><b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li><b>Is the abstract of the article comprehensive?</b></li> <li><b>Are subsections and structure of the manuscript appropriate?</b></li> <li><b>Do you think the manuscript is scientifically correct?</b></li> <li><b>Are the references sufficient and recent? If you have suggestion of additional references, please mention them in the review form.</b></li> </ol> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<ol style="list-style-type: none"> <li><b>Importance:</b> They studied the nutrient status in the Phulpur block of Prayagraj District of Uttar Pradesh.</li> <li><b>Title:</b> Long and preferred modified into "<b>Soil Physicochemicals and Irrigation Water Quality of Phulpur Blocks in Uttar Pradesh</b>".</li> <li><b>Abstract:</b> Poorly expressed. Provide an opening statement of one or two short sentences before illustrating the aim. Reduce the usage of the numbers in the abstract and use your words instead. Some modifications were recommended to enhance the readability and understanding.</li> <li><b>Structure of the manuscript:</b> <ol style="list-style-type: none"> <li><b>Keywords:</b> Reduce the number of words to six and re-arrange in alphabetical order as suggested.</li> <li><b>Introduction:</b> Improperly displayed in one large paragraph. The introduction has to be rearranged into three paragraphs i.e., 1. Introduction 2. Significance of the study, and 3. Aim of the study. Some modifications were suggested to enhance readability and understanding.</li> <li><b>The aim:</b> A few modifications were recommended to enhance the readability and understanding</li> <li><b>Materials and methods:</b> Please notice the following: <ul style="list-style-type: none"> <li>MUST provide the ethical approval statement and number of the study.</li> <li>Provide a geographical map of the study area showing the sampling sites with the source and a reference for it.</li> <li>Separate and provide more details on the statistical analysis, a reference for the used software, and the statistical model.</li> <li>Some modifications were suggested to enhance readability and understanding.</li> </ul> </li> <li><b>Results:</b> Please notice the following: <ul style="list-style-type: none"> <li>Reduce the illustration of numerical values in the results section as they have been listed in the tables and instead, you can express them in your language.</li> <li>The repetition causes a redundancy in the text, so rephrase it as possible.</li> <li>Many modifications were suggested to enhance the readability and understanding of the text.</li> </ul> </li> <li><b>Discussion:</b> No comparisons were detected. Just explanations for the current results and this download the quality of the study. Many modifications were suggested to enhance the readability and understanding of the text.</li> <li><b>Conclusion:</b> Clear to a certain extent. Some modifications were suggested to enhance the readability and understanding of the text.</li> <li><b>Tables:</b> Well-presented and organized. Some modifications were suggested in the titles to enhance the readability.</li> <li><b>Figures:</b> Not needed as they are a repetition of the tables which are many, so remove the figures.</li> </ol> </li> <li><b>Scientific Soundness:</b> The current study highlighted that understanding and optimizing the physicochemical properties of soil and water collected from various locations in the Phulpur block of Prayagraj are crucial for sustainable agricultural practices, ecosystem health, and the preservation of this invaluable resource. The manuscript misses the presence of s discussion and comparisons and this weakens the study.</li> <li><b>References:</b> MUST BE UPDATED as 5.2% (1 out of 19) of the listed references were published in the past five years. The percentage has to increase to at least 35-40%. Old references negatively impact the study and indicate that the study is no longer a point of interest.</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li><b>Is the language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<p><b>General view:</b> The manuscript was written in moderate English and grammar. The manuscript misses the presence of s discussion and comparisons and this weakens the study. Professional copyediting and proofreading, removing the repetition of the results in the form of figures, a necessity to update the references, and adding strong discussion have to be carried out before resubmission to achieve publishing value.</p>	
<p><b>Optional/General</b> comments</p>		

**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)
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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**Reviewer Details:**

Name:	<b>Essam Samir Soliman</b>
Department, University & Country	<b>Suez Canal University, Egypt</b>