

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Original Manuscript_IJECC_117879
Title of the Manuscript:	Spatial distribution and chemical characteristics of wetlands of Thrissur district, Kerala
Type of the Article	Original Research Article

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalijecc.com/index.php/IJECC/editorial-policy>)

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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>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>1. The manuscript is interesting and the research is carried out in an area of great importance. However, it is a very descriptive work and the discussion does not help to highlight the importance of the results obtained.</p> <p>2. Partially. The work is only restricted to making a chemical characterization of the soil in the study area. In the work no analysis is done from the spatial point of view. The following title is suggested: Chemical characterization of soils from Kole land ecosystem of Thrissur district, Kerala.</p> <p>3. Yes, but no adequate conclusion is presented.</p> <p>4. Yes.</p> <p>5. The manuscript is scientifically correct, but the writing needs to be improved, the methodology better described, and more emphasis placed on the discussion.</p> <p>6. A considerable percentage of the references are old. For the discussion, it would be advisable to include more current references on the impact of variations in soil type on the production of crops such as rice or on biodiversity.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1. The manuscript must be reviewed by a qualified person, preferably English is your native language.</p>	
<p>Optional/General comments</p>	<p>Review English and the form of writing.</p> <p>There are problems organizing the content of the manuscript.</p> <p>Write the keywords in alphabetical order.</p> <p>Table 1 with only sampling sites and coordinates is unnecessary. There is already a map. If you want to present this information it would be in complementary files or annexes.</p> <p>The map of the study area does not have a figure caption.</p> <p>Based on what analysis did you determine that 25 samples were representative of the study area?</p> <p>The methodology must be better supported, it is too summarized.</p> <p>In the data analysis it is not described which data was used for the correlation.</p> <p>The work is very descriptive. It is mentioned that the purpose of studies such as the one carried out</p>	

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	<p>is to propose post-flood management strategies, but this is not something that is worked on or at least taken up in the discussion.</p> <p>No previous study had been carried out in the same areas of this research to justify that the results obtained are a product of the impact of the 2018 floods. There is no certainty that the 2018 floods are what caused the soil to currently have the characteristics described in this study.</p> <p>It should have been discussed how the current soil characteristics can influence rice cultivation in this region or biodiversity.</p>	
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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>	

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