

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_100863
Title of the Manuscript:	Assessment of Soil Quality Index in the Southern Coastal Sandy Soils of Kerala, India
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>)

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>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1- The manuscript is important to the scientific community as it helps policy makers and scientists to adopt different techniques to improve agricultural yields in these regions</p> <p>2- Yes, the title of the article is suitable.</p> <p>3- The abstract of the article is complete, but can add remarkable results.</p> <p>4- Yes, The subsections and structure of the manuscript are appropriate.</p> <p>5- the manuscript is scientifically correct, except for figure 4 is incorrect, because the author mounted this map directly without demonstrating the method of interpolation as an example kriging or IDW.</p> <p>6- The references are sufficient and recent, but references can be added on the choice of the method of spatial interpolation and why the threshold of 60% was chosen as the statistical correlation threshold.</p> <p>-To perform a statistical analysis on data, it is necessary to test the normality of the numerical data before launching the PCA method. and I suggested that you use SPADV55 software to do statistical analysis for PCA.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>1.The linguistic/English quality of the article is suitable for scholarly communications</p>	
<p>Optional/General comments</p>	<p>for the profit depth (horizon from 0 to 15 cm) not justified, because in the agricultural field the depth from 0 to 20 cm is used, the latter is called the arble layer or the horizon of the root part</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>Are there ethical issues in this manuscript?</p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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