

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_110652
Title of the Manuscript:	Assessment and comparison of soil quality using principle components analysis (PCA) & expert opinion (EO) methods in different Rice based cropping systems in Alfisol
Type of the Article	Original Research Article

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)
Compulsory REVISION comments 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	<p>It is because soil fertility is one of the main factors contributing to providing social and ecosystem services.</p> <p>It is suitable.</p> <p>Yes, it is comprehensive.</p> <p>Unfortunately the article is overloaded with the results of statistical analysis, which can be included in the attachment. How farmers can use such a material? How important it is for farmers, from practical point of view? The authors are prioritising the statistical analysis, which is important, but should not dominate under the description of the results obtained from the comparison of two methods of the evaluation of soil quality. Very important is to explain SQI for different management practices used in different cropping systems.</p> <p>The references are sufficient for the article.</p>	Checked the comment
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	The article should be simplified by putting accent on practical aspects of soil quality evaluation and more practical explanation of the parameters used in the research. Perhaps one year isn't enough taking in consideration the influence of weather conditions on some of the parameters used by authors.	Noted
Optional/General comments		

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)	