

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_105663
Title of the Manuscript:	Assessment of macro-nutrients of cultivated soils in Rangareddy district of Telangana
Type of the Article	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>)

Review Form 1.7

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><u>Compulsory</u> 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>	<ul style="list-style-type: none"> • The soil comprises of complex systems composed of minerals, organic matter, water, air, and living organisms. • The assessment of soil quality chiefly spins around soil fertility, which denotes the soil's ability to provide nutrients, water, air, and warmth for plant development. • The earlier findings opine that monitoring soil health is critical in precision agriculture, as optimal plant growth hinges on apposite physical and chemical attributes within the soil. ○ Yes, the title of the manuscript is suitable and appropriate enough. ○ Yes, the abstract written is comprehensive. ○ Yes, they are appropriate enough inscribing various significant aspects. ○ The presentation of the Abstract, Introduction, Materials and Methods, Results and Discussion, and Conclusion are exceptionally appreciable. ○ The data have been concisely documented in tabular forms. ○ The graphical presentations are expressively portrayed. • While fertilizers have extensively been employed to augment crop productivity, determining appropriate application rates tailored to specific plant requirements has historically been thought-provoking and economically intricate. • Hence, the evaluation and measurement of soil macro nutrients (NPK) are imperious for effective monitoring and proactive management. • A reliable and environmentally sustainable method is needed to quickly determine soil macro nutrient levels in agricultural soils, identify areas of concern, and implement appropriate remediation procedures. • The references cited are adequate and recent enough. 	
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<ul style="list-style-type: none"> • 2.2, 1st line: using the alkaline; 4th line: using a flame- add the articles. • 3.1, 2nd line; N exhibits a range-correct subject-verb. • The usage of the English language is appropriate and well suitable for scholarly communications. 	

Review Form 1.7

Optional/General comments	<ul style="list-style-type: none">Overall, the manuscript has been succinctly authored, noticeable and accompanied by a sleek presentation of graphs besides documenting the observations illustratively in the Tabular forms.	
----------------------------------	--	--

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:

Name:	Asma Jabeen
Department, University & Country	Indian Institute of Rice Research, Osmania University, India