

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_108967
Title of the Manuscript:	Study of the different forms of soil potassium in Ujjain Tehsil of Ujjain District of Madhya Pradesh, India.
Type of the Article	Original Research Article

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>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>	<ul style="list-style-type: none"> ✚ An essential macronutrient required for plant growth and development, <i>i.e.</i>, potassium is also better known for being an activator of more than 60 enzymes. ✚ the earlier studies have chronicled potassium's vital role in stomata opening and closing, osmotic regulation, ionic balance in cell, energy transportation relations control of ionic balance, energy relation, protein and starch synthesis, upgrading quality of flowers, fruits, and vegetables, averting lodging in crops, imparting resistance against environmental stresses such as drought, cold and frost, enhancing resistance to pest and diseases. ✚ Yes, the title of the manuscript is appropriate enough. ✚ Yes, the abstract written is comprehensive. ✚ Yes, they are appropriate enough adding a note on various significant aspects. The presentation of the Abstract, Introduction, Materials and Methods, Results and Discussion and Conclusion are remarkable. ✚ In addition, the observations were subjected to statistical analysis that has been concisely documented in Tabular forms in a persuasive method. ✚ The Statistical summary of selected soil properties and Status of different forms of potassium (mg kg^{-1}) in soils of Ujjain Tehsil observations have been concisely tabulated. ✚ The research region comprised of 150 surface soil samples with a depth of 0 to 15 cm whereby the collected soil samples were analyzed for physico-chemical properties namely texture, pH, Electrical conductivity, organic carbon and different forms of potassium (K) <i>i.e.</i> Water Soluble Potassium, Exchangeable Potassium, Available Potassium, Non-exchangeable Potassium, Lattice Potassium and Total Potassium. ✚ The references cited are adequate and recent enough. 	

