

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_104851
Title of the Manuscript:	WEATHER BASED RICE CROP YIELD FORECASTING USING DIFFERENT REGRESSION TECHNIQUE & NEURAL NETWORK APPROACH FOR PRAYAGRAJ REGION
Type of the Article	Scientific

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>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>Yes</p> <p>Suggest. "Accuracy of performance forecasting for rice in Prayagrai District, Utter Pradesh"</p> <p>The Abstract is inadequate - should include all aspects of the study. Re-examine key words.</p> <ul style="list-style-type: none"> ➤ Introduction must include statement of the problem in question form, from which hypotheses, objectives and research questions are derived, ➤ Literature review has been embedded in other sections. <p>This is a study with several intervening and moderating variables. A simple conceptual framework would identify important variables of the study for the scientific community to appreciate and understand the analysis thereto.</p> <p>References are adequate in scale and scope and in line with international publishing standards.</p> <ul style="list-style-type: none"> ➤ Critique prior studies to gain greater insights in order to create own stance, hence research problem that adds to the existing body of knowledge; ➤ A longitudinal study that has captured the desired data; ➤ Use weighted moving weather averages to gain greater accuracy; ➤ When applying Neural Networks, expand on both input and hidden layers to gain greater insights of the analysis; ➤ What is presumed to be the error term in the regression models? 	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Check sentence construction to align with Grammarly.</p>	
<p>Optional/General comments</p>	<ul style="list-style-type: none"> ➤ After conclusions, what recommendations are offered for further research? ➤ Who are the beneficiaries of this study? 	

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>	

Reviewer Details:

Name:	Elijah W Chindia
Department, University & Country	University of Nairobi, Kenya