

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_100708</b>
Title of the Manuscript:	<b>Genetic Divergence Analysis in Amaranth (Amaranthus spp.) by using Morpho-agronomic Traits in Western Uttar Pradesh (India)</b>
Type of the 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> )

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### 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><b>Compulsory</b> REVISION comments</p> <p>1. <b>Is the manuscript important for scientific community?</b> (Please write few sentences on this manuscript)</p> <p>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</p> <p>3. <b>Is the abstract of the article comprehensive?</b></p> <p>4. <b>Are subsections and structure of the manuscript appropriate?</b></p> <p>5. <b>Do you think the manuscript is scientifically correct?</b></p> <p>6. <b>Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</b></p> <p><b>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</b></p>	<p>Might be, if findings can be presented by graphs and diagrams</p> <p>Overall, the title effectively conveys the subject matter and scope of the study, making it suitable for an article in the scientific community.</p> <p>The abstract seems to provide a summary of the key findings and outcomes of the study. However, there are a few suggestions to enhance its comprehensiveness: Provide more context Include specific details Clarify the implications of the findings Summarize the breeding implications</p> <p>Yes</p> <p>It should contain some more molecular and wet lab studies to make it fully correct</p> <p>Not recent</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b>Optional/General</b> comments</p>	<p>Here are some grammatical mistakes in the article:</p> <p>In the Introduction section, the sentence "The species of amaranthus are important food crops..." should be "The species of Amaranthus are important food crops..."</p> <p>In the Material and Methods section, the sentence "The observation were recorded on randomly selected plants..." should be "The observations were recorded on randomly selected plants..."</p> <p>In the Results and Discussion section, the sentence "Significant differences were found for each of the twelve characters..." should be "Significant differences were found for each of the twelve characters..."</p> <p>In the Results and Discussion section, the sentence "All 19 genotypes of Amaranthus under research were divided into 5 clusters..." should be "All 19 genotypic samples of Amaranthus under research were divided into 5 clusters..."</p> <p>In the Results and Discussion section, the sentence "The view point has been supported by the work of Akther et al. (2013), Kumar et al. (2019) and Rana et al. (2005)." should be "The viewpoint has been supported by the work of Akther et al. (2013), Kumar et al. (2019), and Rana et al. (2005)."</p> <p>In the Conclusion section, the sentence "The Amaranthus genotype employed in this study can be successfully used for future breeding programmes..." should be "The Amaranthus genotypes employed in this study can be successfully used for future breeding programmes..."</p> <p>These are just a few examples, and there may be other grammatical mistakes in the article as well</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><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

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**Reviewer Details:**

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