

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_109626
Title of the Manuscript:	Study of Genetic Divergence Analysis in Sesame (Sesamum indicum L.)
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)
<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>This manuscript analyses the diversity in 165 indigenous sesame lines collected from Jabalpur District using Mahalanobis D² statistics. This is an old method of distance calculation. Besides, the reason for collection of 165 lines in a single district is not justified. The 8 groups identified and if there is any pattern in terms of geographic location or other reasons were not discussed. This study may benefit the breeders to a limited extent only.</p> <p>Not really. Genetic divergent analyses in sesame, only specific region is addressed, which is not reflected in the title.</p> <p>Yes</p> <p>Subsections are not appropriately labelled. Materials and methods have only one subsection for statistical analyses, however the biometric measurements and diversity analyses are not properly labelled.</p> <p>Scientifically correct, however, not adding much information to the scientific community.</p> <p>References are sufficient and recent, but they were not correctly utilized for discussion and interpretation of results.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Not suited for scholarly communications, for example 10th line in results and discussion first paragraph is grammatically wrong.</p>	
<p>Optional/General comments</p>	<p>In results, table 2 values have three decimals and the same is indicated in the text which is not a standard practice.</p>	

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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:

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