

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_111419
Title of the Manuscript:	ASSESSMENT OF GENETIC DIVERSITY AMONG THE ELITE ROSE (ROSA SPP.,) ACCESSIONS USING RAPD MARKERS
Type of the Article	Original Research Article

PART 1: Review Comments

Compulsory REVISION 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)
1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)	The manuscript is significant for the scientific community. It explores the genetic diversity of 11 rose accessions in South India using RAPD markers. The study employs advanced methodologies, such as DNA isolation and PCR, and provides valuable insights into the genetic relationships among rose cultivars. The results contribute to understanding genetic variations, essential for germplasm conservation and future breeding programs.	
2. Is the title of the article suitable? (If not please suggest an alternative title)	Yes. Write scientific name in correct format.	
3. Is the abstract of the article comprehensive?	Yes	
4. Are subsections and structure of the manuscript appropriate?	Yes	
5. Do you think the manuscript is scientifically correct?	Yes	
6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.	Try to give more recent references Try to avoid reference from predatory journals Follow the format as per the author guidelines of the journal	Recent references are added as per the reviewer suggestion, and it is highlighted in red colour font.

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<p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<p>The provided text appears to be well-written with minimal grammatical mistakes. However, there are a few suggestions for improvement:</p> <p>In results and discussion</p> <ol style="list-style-type: none"> 1. Change "Totally" to "A total of" for a more formal expression. 2. Consider breaking down the long sentence into two or more sentences for better readability. 3. Check the use of "polymorphic" and "monomorphic" to ensure they are appropriately used in the context. <p>Write scientific name in correct format. The use of RAPD markers lacks novelty, considering that more recent options, such as SSR, SNP, etc., markers, are available.</p>	<p>Revised as per the suggestion</p>
<p><u>Minor</u> REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	<p>Minor changes required</p> <ul style="list-style-type: none"> - Grammer changes - Paraphrasing 	<p>Revised as per the suggestion</p>
<p><u>Optional/General</u> comments</p>		

PART 2:

	<p>Reviewer's comment</p>	<p>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></p>
<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>	<p>The study involved only selection of elite germplasm with improved yield and quality. Hence there is no ethical issues in this manuscript.</p>