



**SDI Review Form 1.6**

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|--------------------------|---|
| Journal Name:            | <a href="#">International Journal of Environment and Climate Change</a>   |
| Manuscript Number:       | Ms_IJECC_57452  |
| Title of the Manuscript: | Physiological and biochemical changes under salinity and drought stress in ricebean [ <i>Vigna umbellate</i> (Thunb.)Ohwi and Ohashi] seedlings |
| Type of the Article      | <u>Original Research Article</u>  |

**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:

(<http://www.sciencedomain.org/journal/10/editorial-policy> )

**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) |
|-------------------------------------|---|---|
| <b>Compulsory</b> REVISION comments | <ol style="list-style-type: none"> <li>The experimental design of this study is reasonable, the method is accurate, and the content is novel. It has certain guiding significance for the screening of salt and drought tolerance of rice bean germplasm and drought resistance cultivation. It is recommended to polish and carefully check the language.</li> <li>The test results need to be objectively described. It is best to explain in detail based on the statistical analysis results. It is more intuitive and clear to use a line chart or a column chart, and mark the significance of the difference (<math>P &lt; 0.05</math> or <math>&lt; 0.01</math>); place the discussion part later in the discussion.</li> </ol> |   |
| <b>Minor</b> REVISION comments      | <ol style="list-style-type: none"> <li>It is recommended to conduct more literature search and data collection, compare and analyze the main results obtained in this experiment with the previous research results, and increase the discussion part appropriately.</li> </ol>   |   |
| <b>Optional/General</b> comments    | <ol style="list-style-type: none"> <li>Further summarize the main conclusions drawn by this experiment, and put forward the final experimental conclusions and innovations on the basis of full discussion. For example, the specific index changes most significantly under which salt treatment and which PEG treatment concentration.</li> </ol>   |   |

**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) |
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| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |   |



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**Reviewer Details:**

|                                  |   |
|----------------------------------|---|
| Name:                            | <i>Yin Fengxiang Jilin Baicheng</i>                 |
| Department, University & Country | <i>City Academy of Agricultural Sciences, China</i> |