

Review Form 1.6

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_86081
Title of the Manuscript:	Assessing impact of projected climate change on Sali rice in a representative district of Upper Brahmaputra Valley Zone of Assam
Type of the Article	Original Research 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)
Compulsory REVISION comments	Materials and Methods <ul style="list-style-type: none"> Provide initial soil fertility status (Av./Total N, Av. P₂O₅ and K₂O) The recommended fertilizer dose of tall long duration cultivars (20:10:10 kg/ha) is very less. Please check it. Provide experimental details properly (Treatment details of main plot and sub plot) with plot size. Results and Discussion. <ul style="list-style-type: none"> Table 2- Days to Panicle initiation (clearly mention Days of sowing/ Days of transplanting). Provide some yield attributes (No. of panicle/ plant, seeds/panicle, seed weight/ plant, test weight etc.) along with grain yield Add more reference in discussion. 	Materials and Methods <ul style="list-style-type: none"> Initial soil fertility analysis was not conducted. But Soil properties including values at several depths were collected from Dept. of Soil Science, AAU, Jorhat. Only essential parameters data needed for running model were given here. The recommended fertilizer dose of tall long duration cultivars (20:10:10 kg/ha) is as per the Assam Package of Practice. It is same. Experimental Details are added in respective section. Results and Discussion <ul style="list-style-type: none"> In Table 2. first column mentioned with Date of transplanting and from there how much days it was taken to attain Panicle Initiation was given for respective column. The yield and yield attributing traits of three different cultivars were estimated during the field research. We have formulated another research article considering those findings also. Since, the DSSAT model performance can be evaluated using those crop characteristics as highlighted in the manuscript and it was also found in previous research article published by various researchers; henceforth we had decided to exclude that portion. The grain yield and duration of crop phenophases is sufficient for describing the DSSAT model performance under RCPs. Already we have included recent relevant references of the work in support of our findings.
Minor REVISION comments	<ul style="list-style-type: none"> Use superscript and subscript properly 	<ul style="list-style-type: none"> Made all the correction in the manuscript regards to Superscript and Subscript has been followed properly.
Optional/General comments		

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)
Are there ethical issues in this manuscript?	(If yes, Kindly please write down the ethical issues here in details)	No ethical issues with submitted manuscript.