

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Original Manuscript_IJECC_118132</b>
Title of the Manuscript:	<b>Optimizing soybean cultivation in the tarai region of uttarakhand through DSSAT CROPGRO modeling approach</b>
Type of the 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><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>1. Yes, the manuscript is important for the scientific community for several reasons: Addressing Yield Challenges, Application of Advanced Modeling Tools, Empirical Data and Validation.</p> <p>2. Optimizing Soybean Cultivation in Uttarakhand's Tarai Region Using the DSSAT CROPGRO Modeling Approach.</p> <p>3. Overall, the abstract provides a clear and concise overview of the study, its methods, results, and implications, making it comprehensive and informative.</p> <p>4. Yes</p> <p>5. Yes, but still more advanced methodologies can be embarked.</p> <p>6. Fine but still some of the references can be added.</p> <p><a href="#">Crop yield prediction using machine learning algorithm</a> <a href="#">Crop yield forecasting by long short-term memory network with Adam optimizer and Huber loss function in Andhra Pradesh, India</a></p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	1. good	
<p><b>Optional/General</b> comments</p>	Need latest papers to referred	

### 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>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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**Reviewer Details:**

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