

## Review Form 1.7

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_103816</b>
Title of the Manuscript:	<b>Study on Effect Of Rainfall Variability On Crop Productivity of Tur (Arhar) and Cotton crops for various Districts Of Maharashtra</b>
Type of the 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> )

### 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 REVISION</b> 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><b>1. Yes, the manuscript is important for scientific community.</b> This paper presents a useful and interesting study about the impact of rainfall variability on the productivity of Tur and Cotton crops in the districts of Maharashtra, India. Using secondary data from the India Meteorological Department and the Ministry of Agriculture and Farmers Welfare and statistical methods, the authors showed that rainfall during certain months positively influenced crop yield, and periods of drought decrease productivity, as expected. It is important that farmers should know these data to choose the type of crops and cultivation methods for a sustainable agriculture.</p> <p><b>2. Yes.</b></p> <p><b>3. Yes.</b></p> <p><b>4. Yes.</b></p> <p><b>5. Yes.</b></p> <p><b>6. A few references can be added regarding the main characteristics of the two cultures.</b></p> <p><b>Comments/observations</b></p> <p>1. Table 3, 4 - it should be explained what P, N, PN, NS and the rest of the abbreviations in the table mean. The comments are made in a somewhat mechanical way, as if some words and values are replaced in the same sentence.</p> <p>2. Some discussions on the obtained results would be necessary.</p> <p>3. It would be interesting for the number of references to be higher. For example, references should be added about the water requirements for Tur (Arhar) and Cotton crops and some characteristics of these crops.</p>	
<p><b>Minor REVISION</b> comments</p> <p>1. <b>Is language/English quality of the article suitable for scholarly communications?</b></p>	Yes.	
<b>Optional/General</b> 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)
<b>Are there ethical issues in this manuscript?</b>	(If yes, Kindly please write down the ethical issues here in details)	

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