

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_95367
Title of the Manuscript:	Temperature variation in Kerala:Present and future
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>)

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 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. (Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)	Yes, the manuscript is important for the scientific community as well as the public. Last decade witnessed an increase in extreme events in Kerala. In this context, this study aids in decision making for agriculture, water resources and human health impacts. Yes Yes Yes the structure is appropriate. However, in my opinion, the introduction section needs to be modified by adding more previous studies. This is applicable while discussing the results too. In the conclusions section, please add the applications of your results. Yes Please include recent as well as more references related to the study. I suggest the authors to include your work in the conclusion section. You may also include the possible drivers (For eg: land cover and land use change) for the increasing trends in future temperature in Kerala from previous studies in the results and discussion. Also, please mention in the data section whether you downloaded the global data and downscaled for the Kerala region.	
Minor REVISION comments 1. Is language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	In the section 2.1 first sentence, please correct the longitude part. 740 and 770.	

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)	

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