

**Review Form 1.7**

Journal Name:	<b>International Journal of Environment and Climate Change</b>
Manuscript Number:	<b>Ms_IJECC_112206</b>
Title of the Manuscript:	<b>DETECTION OF CLIMATE CHANGE IN KARNATAKA STATE IN INDIA DURING THE PERIOD 1979-2019</b>
Type of the Article	<b>Original Research Article</b>

**PART 1: Review Comments**

	<b>Reviewer's comment</b>	<b>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>
<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 suggestions for additional references, please mention them in the review form.</b></p> <p><b><u>(Apart from the above-mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></b></p>	<p>1. Yes, the manuscript holds potential importance for the scientific community for several reasons:</p> <ul style="list-style-type: none"> <li>Focus on a key region: It investigates climate change in Karnataka, India, a vulnerable semi-arid region with significant agricultural activity. Studying such areas is crucial for understanding regional impacts and informing adaptation strategies.</li> <li>Methodological approach: Applying the Mann-Whitney Pettit's test to identify temperature shifts provides a valuable tool for analyzing climate trends in other regions as well.</li> <li>Potential for further research: The identified break years and temperature changes can be a springboard for further research on specific consequences of climate change in Karnataka, like its impact on agriculture, water resources, and ecosystems.</li> </ul> <p>2. Title suitability: The current title, "DETECTION OF CLIMATE CHANGE IN KARNATAKA STATE IN INDIA DURING THE PERIOD 1979-2019," is accurate and informative.</p> <p>3. Abstract comprehensiveness: The abstract provides a good overview of the study's objectives, methods, and main findings.</p> <p>4. Yes, the subsections and overall structure are suitable because they include a continuous flow from the abstract, introduction, methods and materials, results and discussion, to the conclusion.</p> <p>5. Yes, scientifically correct</p> <p>6. Yes, the references are sufficient and recent</p>	
<p><b>Minor</b> REVISION comments</p> <p>1. <b>Is the language/English quality of the article suitable for scholarly communications?</b></p>	<p>1. Yes, the article is suitable for scholarly communications</p>	
<p><b>Optional/General</b> comments</p>	<ul style="list-style-type: none"> <li>I suggest rephrasing complex sentences or paragraphs for better readability.</li> <li>I recommend shortening lengthy results and discussions.</li> <li>Point out any ambiguous terminology or confusing explanations.</li> </ul>	

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**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(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)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

**Reviewer Details:**

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