

Review Form 1.7

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_99333
Title of the Manuscript:	Annual mean temperature and rain precipitation in North America: use of non-homogeneous Poisson processes to detect climate changes
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)
<p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>1. In this study, the use of non-homogeneous Poisson processes (NHPP) under a Bayesian approach is considered for analyzing annual average temperatures and rain precipitations of climate data for some regions of North America reported for a long period.</p> <p>2. I think that the title is long and a shorter one may be: "Annual mean temperature and rain precipitation in North America using NHPP to detect climate changes " .</p> <p>3. The abstract is comprehensive.</p> <p>4. The manuscript is well-structured.</p> <p>5. The obtained results are of great interest for understanding the climate changes occurring across the world. The statistical techniques proposed in this study can be also used for other regions of the world.</p> <p>6. The references are sufficient and recent.</p>	
<p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p>	The quality of language needs to be improved.	
<p>Optional/General comments</p>		

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>Are there ethical issues in this manuscript?</p>	(If yes, Kindly please write down the ethical issues here in details)	

Review Form 1.7

Reviewer Details:

Name:	Jollanda Shara
Department, University & Country	University "Eqrem Cabej", Albania