



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Geography, Environment and Earth Science International</a>
Manuscript Number:	Ms_JGEESI_46598
Title of the Manuscript:	A STATISTICAL COMPARATIVE STUDY OF THE TREND AND VARIATION OF METROLOGICAL PARAMETERS AT ABEOKUTA, SOUTH-WEST NIGERIA
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:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**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)
<b>Compulsory</b> REVISION comments	<p>This present manuscript comprises a very interesting scope, once the authors try to verify the individual contribution of some important weather entities in general climate conditions. However, I am very skeptical when the statistical tool is used to relativize the importance of an entity, separately, when actually the whole phenomenon, i.e., the climate, depends on the combination of all entities acting together in the nature.</p> <p>Furthermore, in my opinion, correlation and variation coefficients, as well as simple use of confidence intervals, even with 95%, do not represent parameters with huge confidence to describe so much complex phenomena. The model used by the authors to determine some indicators is very simple, based on simple historical registers, but without any „General Time Equation" conceived, which is capable to comprise all the climate entities acting together, in order to determine with strong accuracy the actual contribution of each one presented on the manuscript.</p> <p>I suggest to the authors to take the data already compiled, viewing to conceive a numerical model capable to generate a „General Time Equation" specific for the climate in the region researched. After have established and validate this model under some practical simultaneously simulations together with Nigeria official weather forecast or some other official source, verify the estimated influence of each weather entity in the climatic conditions.</p>	We have corrected and revise the manuscript as per the comments
<b>Minor</b> REVISION comments	None.	
<b>Optional/General</b> comments	The manuscript can be accepted, since the suggestion described above be followed by the authors.	



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**PART 2:**

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