

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_127187
Title of the Manuscript:	Relationship between Inter-Tropical Front and Rainy Season Onset in Guinea Republic
Type of the Article	

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	In West African countries, the socio-economic sector is rain-fed agriculture driven. The rainfall is a major factor that determines crop choice and yield. In tropical Africa and Atlantic during the West African Monsoon, rainfall come from convective systems with a wide range of proprieties (stormy, squall lines). According to Dione 2013, deep convection in West Africa exhibits important variability by local thunderstorms or smaller convective systems, but also by convective mesoscale systems (squall lines). The planting (sowing) dates, crop growth, yield and food production have been affected by the variability of rainfall onset and duration. Hence the importance of these studies and their practical application by society.	
Is the title of the article suitable? (If not please suggest an alternative title)	The title should be complemented by the relationship between ITF and the onset of the rainy season. For example, "Impact of the ITF relationship and the onset of rainfall on precipitation in the Republic of Guinea"	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	The abstract of the article is understandable; however, it is not structured.	
Are subsections and structure of the manuscript appropriate?	The subsections and structure of the manuscript is appropriate	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	<ol style="list-style-type: none"> 1. The correlation used is a simple correlation. However, the variation in precipitation is multivariate, so it would be necessary to determine what factors influence the absence, presence and change of rainfall start dates. 2. The results show a variability in the onset of storms of almost 3 months between seasons. What I consider to be a very large range of difference for a country the size of Guinea. Perhaps this is due to the different criteria for starting the rainy season 3. Rainfall also varies widely for a territory the size of Guinea from 1700 to 5600 mm per year. 4. The correlation coefficients show a high correlation, however it is not the only causality criterion that should be taken into account. Correlation is not synonymous with causality. 5. The study should be rethought taking into account other variables apart from the IFT that condition precipitation. 	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	Less than 10% of the references cited are less than five years old. It is necessary to do an exhaustive search of the literature and update it to more recent years.	

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<p>Minor REVISION comments</p> <p>Is the language/English quality of the article suitable for scholarly communications?</p>	<p>The English used in the manuscript is suitable for peer-to-peer communication and school communications. Segments of the text in language other than English should be avoided (One paragraph is in French).</p>	
<p>Optional/General comments</p>	<p>1. The correlation used is a simple correlation. However, the variation in precipitation is multivariate, so it would be necessary to determine what factors influence the absence, presence and change of rainfall start dates.</p> <p>2. The results show a variability in the onset of storms of almost 3 months between seasons. What I consider to be a very large range of difference for a country the size of Guinea. Perhaps this is due to the different criteria for starting the rainy season</p> <p>3. Rainfall also varies widely for a territory the size of Guinea from 1700 to 5600 mm per year.</p> <p>4. The correlation coefficients show a high correlation, however it is not the only causality criterion that should be taken into account. Correlation is not synonymous with causality. The study should be rethought taking into account other variables apart from the IFT that condition precipitation.</p>	

PART 2:

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

Reviewer Details:

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