



SDI Review Form 1.6

Journal Name:	Asian Journal of Advances in Agricultural Research
Manuscript Number:	Ms_AJAAR_44429
Title of the Manuscript:	A Classification Study of Rain Fall Oscillation in Tamil Nadu with Effect of Agricultural Product Import
Type of the Article	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>)



SDI Review Form 1.6

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	<ul style="list-style-type: none"> - The present study lacks a clear methodology, which can be replicated and therefore comparable with similar methods and be able to conclude whether the methodology used is the most optimal for a study of the impact of rain variation on agricultural imports. In addition, does the proposed method have more goodness fit when more years of precipitation observations are added? - The manuscript lacks a solid discussion and conclusion that would allow us to demonstrate that other authors of the subject say, I mean, it does not present which is the gap of knowledge that the present study contributes at a regional or global level. Moreover, introduction lacks references that argue what is described (poor state of art), also the area of study is not detailed anywhere, such as the climatology of the area. In addition, in the results section there are too many tables and the reader loses the focus of what he wants to demonstrate. - Were input data eliminated climatic trend in order to isolate climatic variation and be related to agricultural imports? - There is no conclusive discussion of whether climate change affects agricultural imports and exports, yet the authors conclude that climate change and sea level are having a negative impact (line 216). I believe that this statement is not aim the study and provokes a subjectivity to what the authors stated at the beginning since at no point in the methodology is described if any climate change scenario or a downscaling or other covariables are used that allow future projections of the climate in the region. - Why is it that much of your results separate into moderate and high low levels? - Finally, it would be interesting to know what is most affected by droughts or extreme rainfall events on imports or exports in the region and this impact can be translated for society, for example monetarily (see Selvaraju, R. (2003). Impact of El Niño-southern oscillation on Indian foodgrain production. International Journal of Climatology, 23(2), 187-206.) 	<p>Very happy to receive the valuable suggestions. I am sure will carry forward in my further research article. The main objectives of this research paper is to study that particular period of rain fall and connected with impact on agricultural. Because in Tamil Nadu during that period we had affected couple of cyclones and also our Central government implementing so many projects in Tamil Nadu. The impact against these projects also added more aroma to the Agricultural import in Tamil Nadu.</p>
Minor REVISION comments	<ul style="list-style-type: none"> - Why was the period 2007 to 2013 chosen? lines 13 and 46. - In the introduction there isn't justification for why only the precipitation variable was chosen and not other variables such as maximum and minimum temperatures. Other meteorological variables could significantly influence agricultural imports? - Why does the model only have monthly and summer output data and not daily ? So does the model also have monthly income? - How many rain gauge were used for this study? 	<p>During 2007 – 2013 Tamil Nadu has been affected by various rain fall, that's the reason we have suggested to analysis between these Five year duration. We were classifying the rail fall in to clusters and then finding the significant effect of rain fall about Agricultural imports. In further study we will implement all your treasured observations.</p>
Optional/General comments		

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?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	