



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_36981
Title of the Manuscript:	Characterization of vertical profile of rain micro-structure using Micro Rain Radar in a tropical part of Nigeria
Type of the Article	Review Paper

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)
Compulsory REVISION comments		
Minor REVISION comments	Please revise the text to insert blank spaces between different words, where needed.	
Optional/General comments	The present study is very original, interesting, well-documented, instrumentally-based and scientifically-defended. It is also concise, very well structured and the results obtained are justifiably presented from the perspective of their immediate applications. The atmosphere processes implying water droplets are crucial for tropical meteorology at all scales, especially that there are rather few experimental studies concerning the vertical distribution of aerosols to count for statistically-significant models in this respect. The resulting bi-dimensional (microphysical) profiles obtained by the authors of the present study, at relevant time and spatial resolutions, up to 4.36 – 4.66 km, over a specific location in Nigeria (Akure), if applied over larger areas, might successfully contribute to the better detection and mapping of key-parameters of rains in tropical regions.	

Reviewer Details:

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