



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_36348
Title of the Manuscript:	Seasonal Impact on seismic Data Quality: A Case Study of Zaria Basement Complex, Nigeria
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:

(<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	<ol style="list-style-type: none"> In the abstract, is the author able to reconcile: "In terms of velocity, this study has not in any way clearly distinguished the quality of the results of the seismic data obtained when the subsurface was dry from the results of the data collected when the subsurface was wet", with the first paragraph of the abstract? I see some contractions here Starting from line 34 in the introduction, the author failed to cite relevant citations. Go through your text and cite all references where applicable What is the aim of your work? I expected to see some detailed works on geological foundation of Zaria....i think it will help to enrich this paper There is a standard velocity scale associated with different rocks. Look it up in the literature. It will help to answer concerns in previous works, using your findings. 	<p>All the corrections highlighted in the Reviewer's comment have been implemented except the one on "detailed works on geological foundation of Zaria". It was not addressed because :</p> <ul style="list-style-type: none"> - The study is not investigating the subsurface structures in the study area. - There is a borehole log and the interpretation in this study is aided by the log and the information provided in "The Study Area and Its Geology" of this study. - The information provided in "The Study Area and Its Geology" of this study is sufficient in a Geophysics study of this type; additional details may make the work unnecessarily bulky.
Minor REVISION comments	<p>-citations</p> <p>-The paper could do more with more references</p>	
Optional/General comments	Very good attempt	