Journal Name:	Journal of Engineering Research and Reports
Manuscript Number:	**Ms_JERR_42072**
Title of the Manuscript:	**Effect of climatic Conditions on the Quality of Fresh and Hardened Concrete in the South East 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.
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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	1. On page 1, line 28, please check the sentence "Climate is seen as prevailing meteorological conditions", "Climate" is "meteorological conditions"? 2. On page 1, line 31, for the statement "These conditions are usually other than ideal, and therefore affect the properties of…". Please evaluate more about the properties, related to durability or mechanical properties? 3. On page 1, line 34, for the "acidic or alkaline precipitation". This should explain more. Related to CO_2 penetration? It is suggested to refer and consider giving the references: (1) QIU, Qiwen, et al. Carbonation Study of Cement-Based Material by Electrochemical Impedance Method. ACI Materials Journal, 2017, 114.4. (2) KONG, Hendrik L.; ORBISON, James G. Concrete deterioration due to acid precipitation. Materials Journal, 1987, 84.2: 110-116. 4. On page 1, line 35, what is the resultant effect of these conditions? 5. On page 3, line 100-102, please give references for examples of this statement: (1) LIU, Jun, et al. Understanding the effect of curing age on the chloride resistance of fly ash blended concrete by rapid chloride migration test. Materials Chemistry and Physics, 2017, 196: 315-323. (2) QIU, Qiwen, et al. Influence of slag incorporation on electrochemical behavior of carbonated cement. Construction and Building Materials, 2017, 147: 661-668. (3) MALHOTRA, V. M. High-performance high-volume fly ash concrete. Concrete International, 2002, 24.7: 30-34. (4) MEHTA, P. K.; GJØRV, O. E. Properties of portland cement concrete containing fly ash and condensed silica-fume. Cement and Concrete Research, 1982, 12.5: 587-595. 6. Please give standard of slump test in the experimental work. 7. In Table 2, what is the value of Average Slump? 8. In the section of Analysis of result, only the data or trend is presented. No analysis of the result? For example, please explain why "the higher the temperature, the lower the quality and strength of the concrete."?	The corrections has been effected. Thanks for your good work
Minor REVISION comments		
Optional/General comments		