

Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_93585
Title of the Manuscript:	Background Study on the Estimate of Horizontal Dilution Potential of air Pollutants in North-Central Nigeria, Using Wind Data
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:

<https://www.journalcjast.com/index.php/CJAST/editorial-policy>)

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	<p>The article is an Original Research work on Background Study on the Estimate of Horizontal Dilution Potential of air Pollutants in North-Central Nigeria, Using Wind Data. It contributes to an important aspect of environmental pollution management with respect to air pollution.</p> <ol style="list-style-type: none"> This manuscript has taken a lot of work, word to word from these two research papers. It is suggested that a plagiarism report of the submitted paper be generated and cross checked with the following two articles. Isikwue, B. C., Tsutsu, O. O., & Utah, E. U. (2010). Estimation of horizontal pollution potential and mean ground level concentrations of air pollutants from an elevated source over Makurdi, Nigeria using wind data. International Journal of Physical Sciences, 5(15), 2402-2410. https://academicjournals.org/journal/IJPS/article-full-text-pdf/8DD187134169 Isikwue, B. C., Tsutsu, O., Utah, E. U., & Okeke, F. N. (2011). Preliminary Study on the Estimation of Horizontal Dilution Potential of Air Pollutants Over Some Cities in Nigeria Using Wind Data. Physical Review & Research International, 1(3), 61-73. The title of the article will better be as: Background Study on the Estimation of Horizontal Dilution Potential of air Pollutants in North-Central Nigeria, Using Wind Data. The keywords are traditionally written in alphabetical order separated by semicolons. The author(s) may please take a note of it. There a lot of mistakes in quoting the references. Some of them have been highlighted by the reviewer for the author(s) to take note of. In the Introduction section, the WNP scale is mentioned from 0-1.5 but actually it is from 0-1 only. The author(s) should correct this. The coordinates of the place of the experiment may be inserted after the name of the place; for readers not familiar with the location of the place by its name. In the section on Determination of Impact Area of Horizontal Dilution Potentials, wrong formulae have been inserted. The author(s) should correct these after careful study. There are a lot of grammar and formatting mistakes in the article. The author(s) should correct them before re-submission. 	
Minor REVISION comments		
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>	

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Reviewer Details:

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