



SDI Review Form 1.6

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| Journal Name: | Physical Science International Journal |
| Manuscript Number: | Ms_PSIJ_42372 |
| Title of the Manuscript: | Assessment of Natural Radioactivity of Surface Soils around Oluwa Glass Industry Environments, Igbokoda, Ondo State, 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>)



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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) |
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| Compulsory REVISION comments | <p>Abstract: Correct the unit for absorbed dose rate. Include the standard deviation for both absorbed dose rate and annual effective dose. Mention the worldwide average values for the parameter determined.</p> <p>Introduction Line 37 to 40 requires reference. Line 45: What is the full meaning of USNRC? Line 65 to 67 requires referencesthere are several raw materials.</p> <p>Materials and Methods It is very important for that the sample locations to be represented in a map. Sample size of 20 collected from different locations is relatively small for the study. High purity Germanium detector (HPGe) would have been preferred to NaI(Tl) for small sample size. Sub section 2.3 (Line 86) should include sample preparation Good use of GPS to represent sample locations, however it is important to develop a contour map of the study locations for such an international journal of high repute. How did you determine the reliability of your measuring instrument? Mention the institution the laboratory work was carried at and what year if possible. Equation 1 requires reference(s). See the body of your study for corrections as regards line 177 to 179</p> <p>Result and Discussion If possible separate the results from the discussion. Discuss your study extensively. I suggest you delete the chart describing your data set.</p> <p>Conclusion Good conclusion, however, the sample size is relatively small to make such general statement that ...the study area is free from radiological contamination.</p> <p>Recommendations Very good.</p> <p>References Use the author's guide</p> | |
| Minor REVISION comments | Use the author's guide | |
| Optional/General comments | I suggest you rephrase the topic: You assessed the natural radioactivity concentrations but you also calculated some radiological parameters associated with the natural radioactivity in the study area. | |



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As per the guideline of editorial office we have followed VANCOUVER reference style for our paper.

Kindly see the following link:

<http://sciencedomain.org/archives/20>

Reviewer Details:

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