

**Review Form 3**

Journal Name:	<b>Physical Science International Journal</b>
Manuscript Number:	<b>Ms_PSIJ_122996</b>
Title of the Manuscript:	<b>MEASUREMENT OF RADON CONCENTRATION IN SELECTED BUILDINGS IN NNAMDI AZIKIWE UNIVERSITY, AWKA.</b>
Type of the Article	<b>Original Research Article</b>

**Review Form 3**

**PART 1: Review Comments**

<b>Compulsory</b> REVISION comments	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<p><b>Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.</b></p>		
<p><b>Is the title of the article suitable? (If not please suggest an alternative title)</b></p>	<p>The study "MEASUREMENT OF RADON CONCENTRATION IN SELECTED BUILDINGS IN NNAMDI AZIKIWE UNIVERSITY, AWKA" measured the radon concentration in selected locations within Nnamdi Azikiwe University is scientifically acceptable. Whereas it presents several limitations and needed improvement in different part of the manuscript. First, the sampling was limited to specific school buildings, which might not reflect radon levels across the entire campus or in various types of buildings, leading to an incomplete assessment. Additionally, the short measurement duration of 1 to 2 hours fails to account for daily and seasonal fluctuations in radon levels, potentially resulting in inaccurate long-term risk assessments. Although environmental control conditions were implemented by closing windows and turning off fans, these conditions do not mimic real-world scenarios where ventilation and airflow could significantly alter radon levels. Furthermore, the lack of long-term monitoring overlooks the impact of factors like weather, seasonal changes, and human activity on radon concentrations, which could lead to an incomplete understanding of radon exposure over time. Lastly, the study's focus on a single university limits the generalizability of the findings, as radon levels may vary in different regions or building types due to geological and material differences.</p> <p>The manuscript needs Major corrections and improvement to reach the Physical Science International Journal publication requirements</p>	
<p><b>Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.</b></p>		
<p><b>Are subsections and structure of the manuscript appropriate?</b></p>		
<p><b>Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.</b></p>		
<p><b>Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.</b></p>		

**Review Form 3**

<p>Minor REVISION comments</p> <p><b>Is the language/English quality of the article suitable for scholarly communications?</b></p>		
<p><b>Optional/General</b> comments</p>	<p><b>Recommendations</b></p> <ul style="list-style-type: none"> <li>-Include a broader range of buildings and locations across the university and other areas to better capture spatial variability in radon levels. This could help identify any hotspots and provide a more comprehensive assessment.</li> <li>-Conduct radon measurements over longer periods, including different times of day and seasons, to account for fluctuations in radon levels. This would provide a more accurate representation of long-term exposure and associated risks.</li> <li>-Conduct additional measurements under varying environmental conditions, such as with windows open or fans on, to assess how real-world factors affect radon levels. This would make the findings more applicable to typical living and working environments.</li> </ul>	

**PART 2:**

	<p><b>Reviewer's comment</b></p>	<p><b>Author's comment</b> <i>(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)</i></p>
<p><b>Are there ethical issues in this manuscript?</b></p>	<p><i>(If yes, Kindly please write down the ethical issues here in details)</i></p>	

**Reviewer Details:**

<p>Name:</p>	<p><b>Riheb Hadji</b></p>
<p>Department, University &amp; Country</p>	<p><b>Setif University, Algeria</b></p>