



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Scientific Research and Reports</a>
Manuscript Number:	Ms_JSRR_51404
Title of the Manuscript:	ANNUAL EFFECTIVE DOSE AND LIFETIME CANCER RISKS DUE TO NATURAL RADIOACTIVITY IN GROUND WATER OF TAI RIVERS STATE, NIGERIA
Type of the Article	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>)



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)
<b>Compulsory</b> REVISION comments	<p>The measurement plays an important role in the field of radiation protection, and the idea of the paper is good but need to improve, and there are some very important comments:</p> <p>The abstract: Remove the explain of method (from line 5 to 9) and the sentences need to be corrected and rearranged.</p> <p>- The keyword: I suggest that to write: Ground water, Radiation, Radioactivity, Spectroscopy, Annual dose.</p> <p>-The part of study area must transfer from materials and methods to part of introduction.</p> <p>- (Figure 1): The location map not clear, it is important to add a map to show sample locations and using latitude and longitude lines to show the studied area. The authors must mention the information of location map.</p> <p>-Materials and Methods: must be rearranged and use subtitles for activity concentrations, .....Radiological risk under this part.</p> <p>-Results and Discussion: where is the equation which used to calculate Radium equivalent? And the equation must be written in part of materials and methods. The resolution of figures 2,3,4 is very low , not clear and need improve?</p> <p>-There is no comparison between the obtained results and published data in different countries or papers.</p> <p>- The References in the text must be written in the same form.</p> <p>- In the end of manuscript, the references must be written in the same form (The names of Journals, pages number).</p>	<p>Thank you for your suggestions.</p> <p>We have corrected all. The work was compared with other work done in Turkey, Cameroon etc.</p> <p>The work was arranged following the journals format.</p>
<b>Minor</b> REVISION comments	<p>From the scientific point of view the paper looks good, that after the minor corrections and further review I suggest it for publication. (Please carefully consider the comments).</p>	
<b>Optional/General</b> comments	<p>The English Grammatik in the paper needs to be corrected. The conclusions should strictly summarize the results given in the paper. Many of the statements are unrelated to the work. After the update the paper should be reviewed again.</p>	

**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?	<p>(If yes, Kindly please write down the ethical issues here in details)</p>	