



SDI Review Form 1.6

Journal Name:	Physical Science International Journal
Manuscript Number:	Ms_PSIJ_31782
Title of the Manuscript:	NATURAL RADIOACTIVITY LEVELS AND RADIOLOGICAL RISK ASSESSMENT OF SURFACE WATER FROM COASTAL COMMUNITIES OF NDOKWA EAST, DELTA 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.

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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)
<u>Compulsory</u> REVISION comments	References be corrected written strictly as per Journal Style. In high-resolution gamma spectrometry, there are two kinds of calibration, namely, the energy calibration and the efficiency calibration. Please specify the kind of calibration here. The efficiency calibration for the system is carried out using secondary standard source of uranium ore in geometry available for the sample counting." For the efficiency calibration, a matrix-matched standard source (including matching of the matrix density) is required. More detailed description should be included on how to fabricate a standard source which matches the matrix of the samples studied.	
<u>Minor</u> REVISION comments	Spellings	
<u>Optional/General</u> comments	The data presents the results of interest and importance for radiation protection and is worth publishing. But it requires revision. The text is written casually, has many grammatical errors and many corrections are required and thus needs revision. It will be better to calculate the annual effective dose and the paper will be more informative and useful.	

Reviewer Details:

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