



SDI Review Form 1.6

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_12171
Title of the Manuscript:	BASELINE MEASUREMENTS OF NATURAL RADIOACTIVITY IN SOIL SAMPLES FROM THE FEDERAL UNIVERSITY OF TECHNOLOGY, OWERRI, SOUTH-EAST, 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	Nil	
<u>Minor</u> REVISION comments	In manuscript, line no. 67 states "The Otamiri River crossing the FUTO....". Which does not provide information about the need for this study? However, this study would be more rational, if the author provides the detail, such as, starting point and ending point of Otamiri River, and names of the main cities/towns crossing, etc, before it crosses FUTO. Also, I feel that it is essential, in a research article, to mention the sources of radiation. The point of sources might be the industrial effluents discharging into the river while crossing through the industrial area / different chemicals might be deposited while traversing via irrigational area / etc. The above points will support the aim of the present study.	A comprehensive study on Otamiri River is ongoing because of its importance in Owerri, Nigeria. The likely sources of radiation in soil samples from the Federal University of Technology, Owerri, Nigeria are discussed in "Results and Discussion" section. Since this is baseline, it provides information on the radiological state of the FUTO environment.
<u>Optional/General</u> comments	Manuscript starts with aim of the study (in Section 1 Introduction). Sample preparation and experimental setup are well explained. The necessary formulae/equations are also given; findings of this study are discussed and compared with other studies as well. The necessary results are provided in the table and concluded with closing remarks.	