



SDI Review Form 1.6

Journal Name:	<u>International Research Journal of Pure and Applied Chemistry</u>
Manuscript Number:	2014_IRJPAC_11063
Title of the Manuscript:	Determination of concentrations of heavy metals in municipal dumpsite soil and plants at Oke-ogi, Iree, 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)
Compulsory REVISION comments	The submitted paper was about a study conducted to examine the levels of heavy metals in dumpsite soil and waterleaf at Oke-ogi dumpsite, Iree, Osun State, Nigeria. The aim of this study is important as this research has revealed that dumping of waste on a particular area causes environmental contamination. The data are original and authentic, the conclusions are correct and the results obtained confirm the findings of previous studies. In contrast to this, the abstract is fairly presented as it contained some type and grammatical errors. These need to be addressed. 1.1 (P1) Abstract: It must be rewritten to address the observed errors such as 'atomic adsorption spectrophotometer'- should be written as 'atomic absorption spectrophotometer', etc. 1.2 (P3) Figure 1: Iree town, a proper map of the said town indicating the study site should be provided, not the satellite image of the town. How could someone identify and possibly	Corrected Corrected



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	locate the place?	Corrected
	1.3 (P3, line95) ‘The soil samples were by wet digestion ’ –should be, ‘The soil samples were digested by wet ashing ’.	Corrected
	1.4 (P4, line 106) ‘Soil organic matter (OM) was digested with H ₂ SO ₄ K ₂ Cr ₂ O ₇ ’. Are the soil samples digested by chromic acid digestion method? The H ₂ SO ₄ K ₂ Cr ₂ O ₇ should be correctly written as H ₂ SO ₄ /K ₂ Cr ₂ O ₇ .	Corrected



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Minor REVISION comments	2.1(P4, line112) ‘..... containers were kept and stored in mol/L HNO₃.....’ This statement doesn’t make sense. It could have been written as, ‘..... containers were kept and stored in dilute solution of nitric acid....’ 2.2(P8, line 231-232) ‘Waterleaf (Talinum triangulare) is a leafy vegetable commonly grown in many parts of Nigeria and is also found g.....’ This statement is not complete and is also found in what? This should be completed /corrected. The botanical of the plant should be italicized.	Corrected Corrected Corrected
Optional/General comments	Though, the study doesn’t increase anything to knowledge but notwithstanding the paper can be accepted after effecting the said corrections.	