



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
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 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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	Some observations in the abstract, introduction, materials and methods, results and discussion and conclusions, all of which must be lifted for publication must. Observations made to the manuscript are presented in the same format. Abstract: Transfer factor keyword is included, but this term does not appear in the text of the abstract. Introduction: Adequate and sufficient. Line 38: Amaranthus spp letter must be in kursiva Material and Methods: Line 83: ... fragments. . The soil samples (two consecutive points). Line 84: 30 g sub-sample was (starts with 30 and should be Thirty g) Line 96: ... content. 10g (content. Ten g ...) Line 97: ... bottle. 20 ml of concentrated (bottle. Twenty ml of concentrated) Line 99: ... to about 5 ml. 20 ml of de-ionised (to about 5 ml. Twenty ml of de-ionised...)	Corrections Effected based on suggestions Corrected Corrected Corrected Corrected Corrected Corrected



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	Line 119: (Talinum triangulare). (Talinum triangulare). In kursiva.	Corrected
	Results and discussion:	
	Line 152: ...soil is 14.78 compared to 17.81 for the control ...	Corrected
	The unit is in percentage: soil is 14.78% compared to 17.81% for the control ...	Corrected
	Line 231: Waterleaf (Talinum triangulare) Waterleaf (Talinum triangulare) kursiva	Corrected
	Line 232 y 233: and is also found g Concentration of Pb ranged from 3.65 to 4.11 (Is correct the text line 182, or is incomplete?).	Corrected
	Line 298: in Talinum triangulare ... (in Talinum triangulare) Kursiva	Corrected
	Line 301: Talinum triangulare ... (Talinum triangulare) Kursiva	Corrected
	Conclusion:	
	Lines 311 to 313: These lines should be removed because they correspond to materials and methods. The conclusion should be more specific, based on the research objective, which is to determine the concentrations of heavy metals in soil and plants of municipal landfill at Oke-ogi, Iree, Nigeria. Conclusion supported by the data, discussed inside the manuscript. Conclusions should not be biased and should be based on the data, presented inside the manuscript only.	
	Line 316 to 325: more than conclusions are recommendations that researchers come.	
	Bibliography/References: Adequate and sufficient	



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<u>Optional/General</u> comments	The research focuses on issues important to prevent problems of public and environmental health in the study area; where part of the population consumes vegetables produced in municipal landfills, the same containing heavy metals. The study allowed us to determine the concentrations of the major heavy metals and recommends appropriate environmental management options.	
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