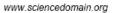
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#### **SDI Review Form 1.6**

Journal Name:	<u>International Journal of Plant &amp; Soil Science</u>
Manuscript Number:	2013_IJPSS_8023
Title of the Manuscript:	Removal Pb2+ and Cd2+ from contaminated water by alternative low-cost materials
Type of the Article	

# **General guideline for Peer Review process:**

This journal's peer review policy states that  $\underline{NO}$  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	<b>Author's comment</b> (if agreed with
		reviewer, correct the manuscript and
		highlight that part in the manuscript. It is
		mandatory that authors should write
Commulatory DEVICION community	Comprel	his/her feedback here)
<u>Compulsory</u> REVISION comments	General:	
	The ms requires a grammar check  Title:	
	Title should be adjusted to read 'Removal of Pb <sup>2+</sup> and Cd <sup>2+</sup> from	
	contaminated water by alternative low-cost materials'	
	Abstract:	
	• Line 5: Correct it should be removed' to read 'the metals need to be	
	removed'. Also correct 'reactivity ; alginit, shale and iron oxide' to	
	read 'reactivity such as alignit, shale and iron oxide'	
	Introduction:	
	A brief literature survey of related studies relevant to the aims and	
	scope of the journal IJPSS should be included in the introductory	
	section .  Materials and Methods:	
	Include the names, grades and manufacturers of the chemicals used	
	to prepare the synthetic metal solutions and the quality of water	
	used. Provide more details of the procedure used to prepare the	
	various stocks and standards.	
	<ul> <li>Indicate the reagents used to wash all glassware.</li> </ul>	
	<ul> <li>Line 72: The reference 'APHA, 1998' should be cited according to</li> </ul>	
	IJPSS style.	
	<ul> <li>Author should include the operating conditions, and standards of</li> </ul>	
	reference of the AAS machine used for metal assay.	
	• Line 92: Correct 'Shale reduces' to read 'Shale reduced'	
	Author should include a statement and/or equation to explain how	
	the metal removal efficiency of the agents (%) was got from	
	corresponding concentrations in solutions (in mg/L)	
	<ul> <li>Results can be discussed more intelligibly when the actual values of</li> </ul>	

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	the calculated removal efficiency are stated.	
	<ul> <li>Author claims to have tested the statistical significance of differences</li> </ul>	
	in measured parameters during the experiments, however, has been	
	sparingly reflected in the results and discussion.	
	Conclusion:	
	<ul> <li>Line 213: Correct 'proved potential efficiency to remove' to read</li> </ul>	
	'proved potentially efficient at removing'	
	<ul> <li>Line 216: Correct 'It proved high potential ability' to read 'It was able'</li> </ul>	
	<ul> <li>Line 218: Correct 'proved high efficiency in' to read 'was highly efficient at'</li> </ul>	
	• Line 219: Replace 'has' with had'	
	• Line 222: Replace 'eliminates' with 'eliminated'. Also replace	
	'reduces' with 'reducing'	
Minor REVISION comments		
Optional/General comments		

## **Reviewer Details:**

Name:	Raymond A. Wuana
Department, University & Country	Department of Chemistry and Centre for Agrochemical Technology, Federal University of Agriculture,
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Created by: EA Checked by: ME Approved by: CEO Version: 1.6 (07-06-2013)