



SDI Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	2013_IJPSS_8023
Title of the Manuscript:	Removal Pb ²⁺ and Cd ²⁺ 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 **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	<p>General:</p> <ul style="list-style-type: none"> The ms requires a grammar check <p>Title:</p> <ul style="list-style-type: none"> Title should be adjusted to read 'Removal of Pb²⁺ and Cd²⁺ from contaminated water by alternative low-cost materials' <p>Abstract:</p> <ul style="list-style-type: none"> Line 5: Correct it should be removed...' to read 'the metals need to be removed...'. Also correct 'reactivity ; alginite, shale and iron oxide' to read 'reactivity such as alginite, shale and iron oxide' <p>Introduction:</p> <ul style="list-style-type: none"> A brief literature survey of related studies relevant to the aims and scope of the journal IJPSS should be included in the introductory section . <p>Materials and Methods:</p> <ul style="list-style-type: none"> 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. Indicate the reagents used to wash all glassware. Line 72: The reference 'APHA, 1998' should be cited according to IJPSS style. Author should include the operating conditions, and standards of 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) Results can be discussed more intelligibly when the actual values of 	



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	<p>the calculated removal efficiency are stated.</p> <ul style="list-style-type: none"> • Author claims to have tested the statistical significance of differences in measured parameters during the experiments, however, has been sparingly reflected in the results and discussion. <p>Conclusion:</p> <ul style="list-style-type: none"> • Line 213: Correct 'proved potential efficiency to remove' to read 'proved potentially efficient at removing' • Line 216: Correct 'It proved high potential ability' to read 'It was able' • Line 218: Correct 'proved high efficiency in' to read 'was highly efficient at' • Line 219: Replace 'has' with had' • Line 222: Replace 'eliminates' with 'eliminated'. Also replace 'reduces' with 'reducing' 	
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		

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