



SDI Review Form 1.6

Journal Name:	American Chemical Science Journal
Manuscript Number:	2014_ACSj_14425
Title of the Manuscript:	Adsorption Isotherm Studies of Cd(II) and Pb(II) ions from Aqueous Solutions by Bamboo-Based Activated Charcoal and Bamboo Dust.
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)
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	-The scope of the study is limited. Additionally, authors can present some new experimental results (graphs or tables) about this adsorption study. For example, adsorption system can be investigated by the authors thermodynamically or kinetically. -There are no title for x and y axis in Figure 3 and Figure 4. -Discussion needs to describe the significance of research findings and how useful it is for design of pilot scale or field scale reactors. -The authors did not provide a comparison of their results to the removal of the same compounds by other organic sorbents. It would be interesting to compare the adsorbents with other adsorbent materials from literature in order to improve the paper discussion.	Additional work to measure the thermodynamic parameter is still ongoing and shall be published as a separate paper when is ready. The titles had been fixed. Further discussion on the significance of the research findings had been done. Comparison of the adsorbents in our study with other bio sorbents which have been tested for the removal of the metal ions had been done.
<u>Optional/General</u> comments	According to my opinion, this manuscript is acceptable, but minor revision is necessary.	