

Review Form 1.6

Journal Name:	International Journal of Plant & Soil Science
Manuscript Number:	Ms_IJPSS_78219
Title of the Manuscript:	ISOTHERMS OF ADSORPTION OF HEAVY METALS IN SOILS AND SEDIMENTS OF THE LA VILLA RIVER BASIN-PANAMÁ
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:

(<https://www.journalijpss.com/index.php/IJPSS/editorial-policy>)

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>The explanation of the method in the manuscript is feeble. The method is too rough, containing descriptive descriptions but carried out without in-depth analysis. I was wondering whether the data used was using the previous data paper (...Villarreal et al. [20] and Villarreal et al. [21]) and then processed again using a different perspective, namely the Langmuir Isotherm?</p> <p>Please provide clear and detailed information regarding 1) heavy metal analysis in soil and sediments, 2) organic analysis, pH measurement and grain size measurement</p> <p>Please provide the statistical software used</p> <p>The results and discussion sections only display the results without any further discussion. I would suggest having a more extended discussion of the data itself. It would be better if the results could be elaborated better</p> <p>In research it is not answered whether the Langmuir isotherm can explain the metal absorption conditions in this area, make this clear both in the discussion and in the conclusion.</p> <p>What is the difference between soil and sediments?</p>	
Minor REVISION comments	<p>Tables 1 – 5 can be displayed in one table (landscape view)</p> <p>Figures 2, 3, 4, 5 and 6 can be combined into one view (Figure 2. A – E)</p>	
Optional/General comments	<p>The authors have to escalate the standard of the written material, particularly to English. Please review the language and edit it by discussing it with an English native speaker or professional editing</p>	

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PART 2:

	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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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