



SDI Review Form 1.6

Journal Name:	Asian Journal of Environment & Ecology
Manuscript Number:	Ms_AJEE_37072
Title of the Manuscript:	EFFICACY OF Azadirachta indica AND Moringa oleifera IN THE PHYTOREMEDIATION OF SOME SELECTED HEAVY METALS FROM CONTAMINATED SOIL
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>)



SDI Review Form 1.6

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	Keywords: I recommend authors to replace “plants” and “soil” with “<i>Azadirachta indica</i>” and “<i>Moringa oleifera</i>” INTRODUCTION: The first sentence “heavy meals have been used by humans for thousands of years” make little sense and should be omitted. Pg 4. Copper, Zinc, Nickel.... The name of these heavy metal do no need capitalisation Authors should follow the standard rules of writing biological name of species. <i>Moringa oleifera</i> for the first use, and <i>M. oleifera</i> thereafter. Please correct them for the rest of the manuscript, including the abstract Pg 4. Authors only need to state <i>Azadirachta indica</i> as Neem once. There is no need for repetition. Methods sections quote: “Twenty four (24) polyethylene bags.....” there is no need to put (24). Please delete them and also for the rest of the text. “one(1)gram” →just use 1.0 g PH should be corrected to pH Did authors irrigate the soil after transplant the saplings? Or do they receive water from natural rains? Please add that to the method. It is important authors state the basic characteristic of the soil, such as the soil pH. Authors can do a simple “mason jar soil test” to estimate the amount of sand, clay and silt in the soil. Did authors analyse the Ni, Pb and Zn of the uncontaminated soil and the contaminated soil before the phytoremediation process? Authors need to take note that by adding 100 ppm of Pb, Ni or Zn does not mean that the soil will contain all 100 ppm of the heavy metal, and these metal can leach from irrigation. “24 h” or “24 hours”. Authors should consistently use only one of them. RESULT AND DISCUSSION Figure 1, 2 and 3: -Author should label the Y-axis properly. -Please check the journal format for figures. Usually there should not have captions inside the graph. -Since authors did triplicate, please add error bars to the bar graphs. -the labels “soil moringa” and “root moringa” both appeared as just “moringa” in the figures. Figure 4 should be deleted as basic information is already mentioned in the text.	Keywords have been replaced All corrections have been effected except error bars have not been added to figures, presently in the field with little or no time to add that, though I think it does not affect the quality of work. All tables are very important with no repetitions, hence I cannot delete any. Don’t understand what you mean by supplementary, is it the same as appendix?? Thank you for checking the work in details, appreciate your effort



SDI Review Form 1.6

	Table 1-3 seem unnecessary. Authors can move them to supplementary. Table 4 seem unnecessary since all the information has already summarised in the text and also presented in Figure 1-3. Repeating them is a duplication of effort. Quote: “According to [25]...”. I recommended authors to change to “according to Baker et al..... then cite [25] at the end of the sentence. CONCLUSION. The term hyper accumulator seem to be used carelessly. quoting the sentence” It was observed from this research that <i>Azadirachta indica</i> serves as a better hyper accumulator plant than <i>Moringa oleifera</i>....” I would recommend authors to just mention <i>A. indica</i> accumulate more Ni than <i>M. oleifera</i>. This is because there are criteria the plant need to phytoextract to be classified as a hyper accumulator. https://link.springer.com/article/10.1007%2Fs11356-014-3102-6 List of references: Please check the format as required by the journal. Also take note that some of the journal names are abbreviated and some are not.	
Minor REVISION comments	In-text citation #9 has a different bracket (9).	
Optional/General comments		