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| Journal Name: | [**Asian Journal of Soil Science and Plant Nutrition**](https://journalajsspn.com/index.php/AJSSPN) |
| Manuscript Number: | **Ms\_AJSSPN\_140559** |
| Title of the Manuscript: | **Evaluation and Health Risk Assessment Quantification of Heavy Metals Contamination in a Dumpsite Soil** |
| Type of the Article | **Scientific research article** |

**PART 1: Comments**

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|  | **Reviewer’s comment****Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | **Author’s Feedback** (It is mandatory that authors should write his/herfeedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | Heavy metals can enter the human body through various pathways, including ingestion, inhalation, and skin contact, leading to a range of health problems, from kidney and neurological disorders to cancer. Quantifying the levels of contamination allows for a more precise assessment of the potential health risks to nearby communities, especially vulnerable populations like children. |  |
| **Is the title of the article suitable?****(If not please suggest an alternative title)** | It is suitable article. |  |
| **Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.** | It is comprehensive.Only the languages need to be changed. |  |
| **Is the manuscript scientifically, correct? Please write here.** | I have indicated a couple of references not included in the manuscripts, which may be improved if those are added. |  |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | Sufficient references only.A few are old, and most of these are the latest. |  |
| **Is the language/English quality of the article suitable for scholarly communications?** | Grammatically it can be deeply considered and modified. I did it in most of the places. It is a suitable article only. |  |
| **Optional/General** comments | References can be added when authors check the required correction. |  |

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| **PART 2:**  |
|  | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Are there ethical issues in this manuscript?**  | *(If yes, Kindly please write down the ethical issues here in details)* |  |

**Reviewer details:**

**D. Ramamoorthy, Pondicherry University, India**