

Review Form 1.7

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| Journal Name: | Archives of Current Research International |
| Manuscript Number: | Ms_ACRI_111634 |
| Title of the Manuscript: | Radiological Risk Assessment of Soilusing RESRAD-OFFSITE Code in Communities around Indorama Fertilizer Company, Eleme, Port-Harcourt, Rivers State. |
| Type of the Article | |

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) |
|--|---|--|
| <p>Compulsory REVISION comments</p> <p>1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript)</p> <p>2. Is the title of the article suitable? (If not please suggest an alternative title)</p> <p>3. Is the abstract of the article comprehensive?</p> <p>4. Are subsections and structure of the manuscript appropriate?</p> <p>5. Do you think the manuscript is scientifically correct?</p> <p>6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form.</p> <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p> | <p>1. Yes, the manuscript is relevant for scientific community as it specifically deals with the impact of toxic and anthropogenic activities in a particular area that are associated with human health.</p> <p>2. Yes, it is suitable. Correct the spacings and punctuation at the end of title.</p> <p>3. Yes, with a few changes as mentioned below.</p> <p>4. Yes, it is appropriate. However, the font and spacings should be checked.</p> <p>5. Yes, as it involves a number of sample collection of a specific area and then compared with the international standards.</p> <p>6. Yes, references are sufficient and recent as well.</p> <p>Additional suggestions/comments</p> <p>1. In Abstract section, try to avoid using numerical values, instead, use sentences like "permissible limits" or more suitable ones that can be framed in words.</p> <p>2. In section 2.2, "10 soil samples were collected" is mentioned while in abstract and data, 22 soil samples are analysed. Please correct or explain this.</p> <p>3. In section 2.5, Line 144, in Gaussian plume model, elaborate the significance of constant plume over time period and what it indicates.</p> <p>4. What does Fig. 3 indicate and the significance of Fig. 5 in a few sentences.</p> <p>5. Write down the limitations of the study and suggestions for future scope of this research in conclusion.</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | <p>Yes, with a few minor changes as mentioned.</p> <p>Minor changes</p> <p>1. I suggest the author to kindly go through the entire manuscript where grammatical errors, punctuation marks and spacings are inaccurate. Also, same font should be applied in entire manuscript.</p> <p>2. Indicate what is "TI" in line 9. Write correct dimensions like "mm x mm" in line 118 and correct Cs137 in line 128.</p> <p>3. In Table 1, do not write units in "Value" column as it is already mentioned in "Parameter" column.</p> <p>4. In Figure 4, write all 22 locations in the X- axis as indicated in Figure 3.</p> <p>5. In Lines 237 and 239, frame the sentences with references like "Fannu (2016) reported that..." and it should conclude with number reference "[22]".</p> | |
| <p>Optional/General comments</p> | | |

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PART 2:

| | Reviewer's comment | Author's comment <i>(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)</i> |
|---|--|---|
| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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|----------------------------------|--|
| Name: | Kumar Rishabh Gupta |
| Department, University & Country | Indian Institute of Technology, India |