

Review Form 1.7

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| Journal Name: | Physical Science International Journal |
| Manuscript Number: | Ms_PSIJ_114185 |
| Title of the Manuscript: | Assessment of the natural radioactivity levels in soils and the associated health risks to the public in Mbeya City |
| Type of the Article | Original Research 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>Yes. Author has conducted preliminary investigations on radionuclides concentration around Mbeya city. The city has of volcanic soils type.</p> <p>Yes</p> <p>Yes</p> <p>80%</p> <p>Yes</p> <p>Author may use the following references in revision: DOI: 10.1093/rpd/ncad132 ; https://doi.org/10.1007/s10967-023-09124-8 ; DOI: 10.1007/s10661-023-12284-5 ; DOI: 10.1093/rpd/ncad324</p> | |
| <p>Minor REVISION comments</p> <p>1. Is language/English quality of the article suitable for scholarly communications?</p> | needs revision | |
| <p>Optional/General comments</p> | <p>1. In Intro- provide TAEC info even in the form of Report or so (if not published results available)</p> <p>2. In 2,2: last sentence- Circular equilibrium ?</p> <p>3. Table 5,- look at the Ref 13 again, <i>Papinat, India</i> ?</p> <p>4. Author mentioned dose rates measurements at sampled locations, however, there is no info on the device used</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> |
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| 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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|----------------------------------|---|
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