

Review of: "Probabilistic Assessment of the Heavy Metal Pollution in Debrecen's Topsoil"

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Potential competing interests: No potential competing interests to declare.

Dear Editor,

Please find enclosed my report.

Decision: Accepted after major corrections; please see my comments.

Dear Editor,

Thank you for inviting me to review this manuscript, "Probabilistic Assessment of the Heavy Metal Pollution in Debrecen's Topsoil."

Further,

My decision is "paper accepted after major corrections."

I hope my comments will guide the authors to improve their research.

Dear Authors,

Here are my comments, which are also found in the PDF file of the research attached here. I hope my comments will guide the authors to improve your paper.

1- P. 5, line 1: Where is the toxicity response? You have just mentioned the toxicity coefficient.

2- P. 8: Where is the difference? Agricultural activity is also anthropogenic activity?

3- P. 8: Please write: "Kaiser–Meyer–Olkin (KMO) and Bartlett's test of sphericity were performed to assess the sample's adequacy for PCA" (See Said et al., 2022, Multivariate Statistics Explaining Groundwater Chemistry, Asyut, Egypt)

4- P. 11: What is the difference between F1 and F2 if both come from mines?

5- P. 11: On what basis did you say surface runoff is a factor?

6- P. 11: Where are the rest of the factors from 3 to 5?

