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

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Reviewer's Comment

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This regards the manuscript review for Zsolt Zoltán Fehér and Péter Tamás Nagy's article Probabilistic Assessment of the Heavy Metal Pollution in Debrecen's Topsoil.

Here is my feedback, which includes some suggestions and questions. I hope that will enhance and improve the author's paper.

1. What did you mean about "a positive correlation can be found between the increase in pollution values above the predetermined threshold limits and the corresponding increase in threshold levels"? Needs more explanation?
2. The abstract and conclusion paragraphs need more explanation and should include specific data or results.
3. You mentioned that 300 soil samples were taken from the top surface of 0 to 20 cm depth to measure soil pollution by heavy metals. Do you think this depth is sufficient to measure these pollutants?
4. In the abstract, you mentioned 9 chemical tests, including the major heavy metals of As, Cd, Cr, Co, Cu, Mo, Ni, Pb, and Zn, conducted on the topsoil samples. Why did you choose only these chemical compounds to be examined? What are the reasons behind that? You need to include that in the abstract.
5. Have you tested samples in the lab? Where? How (procedures)? Need pics? You need to include all that in the paper.
6. You need to use more recent references, especially in the last 10 years.

Reviewer: Assis. Prof. Dr. Arkan Dhari Jalal