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

Elisé Sababa[1]

1 Université de Yaoundé I

The manuscript investigates the distribution of heavy metals and the associated health vulnerability in the Debrecen area. The study is original and very interesting for readers all over the world. **The manuscript is well structured to be understood by the reader.**

I suggest some improvements.

Table 1. The methodology does not mention the analysis of water and organic matter. Please add the missing information to the methodology or give references for the data.

Chapter 3.2. How did the authors assess the vertical distribution of pollutants and trace elements? It is said in the soil sampling section that only the top surface of soils (0 to 20 cm) was sampled by the authors.

The legends of Figure 4 are not legible, and its comments in the text are not useful. The comments are presenting the different colors in the figure instead of what the different colors highlight.

Chapter 3.3. The following sentence needs more explanation: ''The Pearson correlation coefficients (Table 2) show possible sources, diffusion, adsorption, and absorption processes between the pollutants and trace elements.'' My question is how?

I made a few more comments on the PDF.

I suggest acceptance after minor revision.