

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

Monika Jakubus

Potential competing interests: No potential competing interests to declare.

The research concerns an important environmental problem related to soil contamination with heavy metals located in an urbanized area. This work undertakes such a topic. The text was correctly edited and presented. Interesting information was presented in tabular and graphic form. However, the authors did not avoid some imperfections. I have the impression that the potential of the research and large amounts of data has not been fully used and, above all, well and deeply discussed in order to explain the observed trends. Below are my observations and comments:

1. The abstract lacks information about the indexes used in the studies.
2. The figures should be corrected because they are not legible.
3. In the paper, old (over 10 years old) literature is cited, which should be replaced with newer studies.
4. The paper lacks basic information about the tested soils, such as texture, soil systematics, soil reaction, organic matter content - this prevents us from interpreting the results of heavy metals, their mobility, and distribution.
5. In the manuscript, the discussion of the results and an attempt to explain the demonstrated dependencies is very general.
6. In many cases, the description of the results is very brief.
7. The first two paragraphs of the conclusions are redundant - they add nothing. The next part is very laconic.