

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.

The manuscript is well structured and illustrated. However, there is a series of issues to be clarified in detail.

In this manuscript, the authors aim to investigate the overall environmental quality of the Debrecen area in terms of heavy metal pollution and describe a simulation procedure for the spatial and statistical patterns of heavy metals in atmospheric deposited dust samples and the spatial diversity of health vulnerability. I suggest updating the references of the entire manuscript and improving the quality of Figures 1, 2, 3, 4, and 5.

"The elements analyzed included." The authors must change 'analyzed' to 'determined.'

In Table 1, indicate the number of replicates realized and answer why the deviation is too high, and in Table 2, indicate which statistical test you used.

What research was found in this region?