

# 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.

This study investigates the general environmental quality of the Debrecen area in terms of heavy metal pollution and describes a simulation procedure for the spatial and statistical patterns of heavy metals in dust samples deposited in the atmosphere and the spatial diversity of health vulnerability. The article is coherent and has detailed sections. Consequently, I recommend it for possible publication in Qeios Magazine after minor revisions.

## SPECIFIC COMMENTS:

1. In the introduction, the (indispensable) need to update the literature used is noted, so that it does not exceed the last 5 years.
  - What gap in knowledge does this work intend to fill or contribute to elucidation? Detail.
3. In materials and methods
  - Session 2.3: Insert guiding methodology.
  - Enumerate equations.
4. Results and discussion
  - The discussion with the literature needs to be improved.
5. In the concluding session, we do not highlight the main contributions and limitations of this study, which should be considered.