

# Review of: "Spatial Analysis of Soil Fertility Using Geostatistical Techniques And Artificial Neural Networks"

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Potential competing interests: No potential competing interests to declare.

## Reviewer:

Recommendation: **Rejected**

## Comments to author:

The manuscript entitled ""Spatial Analysis of Soil Fertility Using Geostatistical Techniques And Artificial Neural Networks"". I believe that the contribution of the paper is too minor for publication in a leading journal. Overall, the work seems more like a graduate project work than a mature research.

1. The manuscript requires thorough review to improve the language and coherence.
2. The addressed problem in the paper is not sufficiently clear. The author should emphasize and provide more clarity on the specific problem that this work aims to solve, in the abstract and introduction.
3. Further discuss and describe the proposed method and objective function to emphasize your unique contribution. Highlight the novel aspects of your approach and explain how it effectively addresses the challenges of the problem at hand.
4. The description of the methodology for this manuscript is not clear. Detail information regarding the methodology is needed
5. I believe that the contribution of the paper is too minor for publication in a leading journal.
6. I recommend including a table that presents all notations, symbols, and parameters used throughout the paper
7. Explain the rationale for the significant improvement achieved by your algorithm in the results discussion section. Highlight its unique strengths compared to existing methods