

# 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.

This paper mapped the spatial distribution of soil fertility in an Agromomy field of Venezuela using artificial intelligence techniques. In this study, Fuzzy Kohonen Clustering Network (FKCN) was proposed to map the spatial distribution of soil fertility. Results showed FKCN is good at digital soil fertility classification. I think this work is interesting and valuable.

Under global climate change, mapping and predicting soil fertility at a large spatial scale is important for a country. The writing is logic and fluent. I recommend it accepted after minor revisions.

Some suggestions:

1. In Figure 4, the specific parameter should be shown in each graph.

More explanation on what other studies showed and why your results are better or worse.