

# 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.

The paper is technically sound and well written.

It applies geostatistics and neural networks to soil data to develop a map

of soil fertility for a 6.15-ha site in Venezuela (University Romulo Gallegos).

The paper advances the field of spatial interpolation by introducing AI methods to

spatial interpolation. The only critique I have is that it uses as a test site a relatively small

area of land. I believe the paper's methodology could be applied to map soil fertility over

larger areas thus making it useful to farmers.

I recommend accepting the paper in its present form.