

## Review of: "MCDA - Groundwater prediction analysis for Sustainable Development using GIS Supported AHP in Okeigbo, Southwestern Nigeria"

Chadrasekar Kuppan<sup>1</sup>

1 Vignan's Foundation for Science, Technology & Research

Potential competing interests: No potential competing interests to declare.

The manuscript standard has to be drastically improved.

Abstract has to be precisely written with the obtained findings. The importance of GIS AHP in finding the parameters has to be mentioned in abstract and its advantage over other methods.

Though the concept chosen to understand the nature of the soil and its water quality, it lags continuity....in the entire manuscript focus is mainly given to the nature of soil and the quality of water was not discussed in details like the amount of salt content and other minerals present in the sample. This has to be done exhaustively in detail for the study. This is missing

The parameters used in the entire manuscript, has to be explained before applying to the data obtained. Moreover the limits and its implication should be discussed.

Typographical errors are many in the entire manuscript- suggest proof reading with native speaker

The results and discussion part should be clear. Its confusing as the write up uses lot of semicolons an colons in between the sentences

The equations were not explained properly and their significance along with the parameters

Some of the plots, which was mentioned in the manuscript was not included in the script. Explanations of the plots has to be given.

The entire manuscript can be rewritten without any confusing words and terms.

The units used in the manuscript was changing every time, use the same unit and notation though out the script.

Qeios ID: 3YZNQQ · https://doi.org/10.32388/3YZNQQ