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

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Potential competing interests: No potential competing interests to declare.

Dear authors, I have now reviewed your paper entitled "MCDA - Groundwater prediction analysis for Sustainable Development using GIS Supported AHP in Okeigbo, Southwestern Nigeria". The authors have produced some interesting findings on the ground water prediction using GIS based MCDA technique. However, I have few concerns which needs to addressed before the publication of this article.

Title: The title of the paper should be modified.

Why authors have used only six parameters for the analysis. In MCDA analysis it is generally believed that higher the number of parameters higher will be the credibility of the results.

The introduction part is very lengthy. It should be systematic, clear and crisp.

In figure 1 the legend in the subset 2 showing Nigeria map should be moved left.

Figure 2 showing LULC of the area should be also modified. Why there are only three classes when there are around 10 classes available in the data.

In figure 7 subset c few slope classes are not visible. Increase the figure resolution

Again in figure 9 basins are not visible. Please modify the maps

discussion part is missing in the paper.

Validation and calibration is also missing. Please add the section to improve the novelty of your paper.

Overall, the paper is interesting and deserves publication.