

Review of: "Groundwater Potential Zone Assessment Using Remote Sensing, Geographical Information System (GIS), and Analytical Hierarchy Process (AHP) Techniques in Fogera Woreda, South Gondar Zone, Ethiopia"

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Water demand in highly populated regions is rising, making it crucial to evaluate the groundwater potential as an essential natural resource for use in home, agricultural, and industrial environments. The study aims to map the groundwater potential of Fogera Woreda, South Gondar Zone, Ethiopia, using geospatial and Analytical Hierarchy Process methods. By forecasting the groundwater potential areas, the government can ensure the efficient utilization of the area's water resources for sustainable development. The study revealed a spatial variation in the distribution of groundwater potential zones. The study provides valuable information that can be used for decision-making processes and the development of appropriate groundwater management strategies in the region.

The paper is a fruitful attempt, which should be acknowledged and is suitable for publication. However, field information and actual data from the wells in the area are very important to confirm the results. Also, it is important to have more discussion of the results and reveal the relationship between the groundwater and the different affecting factors, especially the influence of geology on groundwater potential zones.

With my best wishes,

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