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Spatial Analysis \u0026 Data Science

Spatial Analysis for Public PolicyWeek 1: Spatial Data, Spatial Analysis, Spatial Data Science Spatial Analysis with ArcGIS ***Data Visualization for Spatial Analysis Intermediate Spatial Analysis*** **Intermediate Spatial Analysis ~~Hydrogeology 101: Cooper-Jacob~~ ~~Hydrogeology 101: Theis Method~~** ***An easy way to locate Bore-well for Groundwater with two L rods.*** **~~Hydrogeology 101: Introduction to Groundwater Flow~~ ~~Integrated surface and groundwater models for hydrological studies and aquifer recharge estimation~~** ***Weighted overlay for Ground water potential zone***

Hydrogeology 101: Groundwater exploration strategy~~GROUND WATER~~

~~TARGETING OF POTENTIAL ZONE BY WEIGHTED OVERLAY ANALYSIS IN ARC GIS 10.3~~

Integrated applications of RS and GIS in groundwater studies ***Hydrogeology 101: Thiem equation QGISHydro Webinar 3: Spatial Analysis using Map Algebra*** **~~Spatial Analysis of the Structural Lineaments and Tectonics of Bulawayo Area in Zimbabwe~~**

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DDwDDr + LCwLCr + SCwSCr Where Pr is Groundwater potential index, RF is Rainfall index, LG is lithology index, GG is Geomorphology index, SG is Slope Gradient index, LD is Lineament density index, DD is Drainage density index, LC is Land use and Land cover index, SC is Soil cover index.

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