## A methodology for locating potential aquifers in a typic resistivity and hydrogeologic parameters

Geoexploration 27, 55-64 DOI: 10.1016/0016-7142(91)90014-4

**Citation Report** 

#	Article	IF	CITATIONS
1	Assessment of hydrogeological conditions in basement aquifers of the Precambrian Oban massif, southeastern Nigeria. Journal of Applied Geophysics, 1997, 36, 195-204.	2.1	77
2	GIS Integration of Remote Sensing and Topographic Data Using Fuzzy Logic for Ground Water Assessment in Midnapur District, India. Geocarto International, 2002, 17, 69-74.	3.5	41
3	Application of a resistivity survey and geographical information system (GIS) analysis for hydrogeological zoning of a piedmont area, Himalayan foothill region, India. Hydrogeology Journal, 2006, 14, 753-759.	2.1	73
4	Fuzzy logic modeling of the resistivity parameter and topography features for aquifer assessment in hydrogeological investigation of a crystalline basement complex. Hydrogeology Journal, 2008, 16, 461-481.	2.1	6
5	Integrated remote sensing and GISâ€based approach for assessing groundwater potential in West Medinipur district, West Bengal, India. International Journal of Remote Sensing, 2009, 30, 231-250.	2.9	323
6	Application of Multi-Criteria Decision Analysis to Geoelectric and Geologic Parameters for Spatial Prediction of Groundwater Resources Potential and Aquifer Evaluation. Pure and Applied Geophysics, 2013, 170, 453-471.	1.9	35
7	Identification of groundwater potential zones within an area with various geomorphological units by using several field parameters and a GIS approach in Kulon Progo Regency, Java, Indonesia. Arabian Journal of Geosciences, 2014, 7, 161-172.	1.3	29
8	Application of analytical hierarchy process, frequency ratio, and certainty factor models for groundwater potential mapping using GIS. Earth Science Informatics, 2015, 8, 867-883.	3.2	389
9	Mapping of groundwater potential zones in Killinochi area, Sri Lanka, using GIS and remote sensing techniques. Sustainable Water Resources Management, 2016, 2, 419-430.	2.1	112
10	Modeling groundwater probability index in Ponnaiyar River basin of South India using analytic hierarchy process. Modeling Earth Systems and Environment, 2016, 2, 1.	3.4	62
11	Spatial mapping of groundwater potential in Ponnaiyar River basin using probabilistic-based frequency ratio model. Modeling Earth Systems and Environment, 2017, 3, 1.	3.4	18
12	A GIS-based model of potential groundwater yield zonation for a sandstone aquifer in the Juye Coalfield, Shangdong, China. Journal of Hydrology, 2018, 557, 434-447.	5.4	72
13	Remote Sensing and GIS Based Groundwater Potential Zone Mapping in Ariyalur District, Tamil Nadu. Journal of the Geological Society of India, 2018, 92, 484-490.	1.1	79
14	Assessment of groundwater potential zones in Chittar basin, Southern India using CIS based AHP technique. Remote Sensing Applications: Society and Environment, 2019, 15, 100248.	1.5	48
15	Evaluation of Groundwater Potential by GIS-Based Multicriteria Decision Making as a Spatial Prediction Tool: Case Study in the Tigris River Batman-Hasankeyf Sub-Basin, Turkey. Water (Switzerland), 2019, 11, 2630.	2.7	57
16	Assessment of vegetation status of Sali River basin, a tributary of Damodar River in Bankura District, West Bengal, using satellite data. Environment, Development and Sustainability, 2020, 22, 5651-5685.	5.0	15
17	Assessment of Groundwater Potential in the Kalahandi District of Odisha (India) Using Remote Sensing, Geographic Information System and Analytical Hierarchy Process. Journal of the Indian Society of Remote Sensing, 2020, 48, 1739-1753.	2.4	18
18	Using Analytical Hierarchy Process and Multi-Influencing Factors to Map Groundwater Recharge Zones in a Semi-Arid Mediterranean Coastal Aquifer. Water (Switzerland), 2020, 12, 2525.	2.7	60

ARTICLE IF CITATIONS # Delineation of groundwater potential zones and recommendation of artificial recharge structures for augmentation of groundwater resources in Vattamalaikarai Basin, South India. Environmental 20 2.7 52 Earth Sciences, 2020, 79, 1. Groundwater flow modeling and prognostics of Kandivalasa river sub-basin, Andhra Pradesh, India. Environment, Development and Sustainability, 2021, 23, 1823-1843. 5.0 Electrical resistivity, remote sensing and geographic information system approach for mapping 22 groundwater potential zones in coastal aquifers of Gurpur watershed. Geocarto International, 2021, 3.5 11 36, 888-902. Forest health assessment using advanced geospatial technology in Buxa reserve forest, sub-Himalayan West Bengal, India. , 2021, , 49-61. Modeling and mapping geospatial distribution of groundwater potential zones in Darjeeling 24 Himalayan region of India using analytical hierarchy process and GIS technique. Modeling Earth 3.4 44 Systems and Environment, 2022, 8, 1563-1584. Groundwater Potentiality Mapping in Viruthachalam Taluk, Tamil Nadu, India: AHP and GIS Approaches. Hydrospatial Analysis, 2021, 5, 24-33. Remote sensing, GIS and AHP techniques based investigation of groundwater potential zones in the Karumeniyar river basin, Tamil Nadu, southern India. Groundwater for Sustainable Development, 2021, 26 4.6 63 14, 100586. Assessing groundwater status and human perception in drought-prone areas: a case of Bankura-I and 2.7 14 Bankura-II blocks, West Bengal (India). Environmental Earth Sciences, 2021, 80, 636. Assessing Forest Health using Geographical Information System Based Analytical Hierarchy Process: 28 0.2 7 Evidences from Southern West Bengal, India. Environmental Science and Engineering, 2021, , 71-102. Integrating Geospatial and Geophysical Information for Deciphering Groundwater Potential Zones in 29 Dudhganga Catchment, Kashmir Valley, India. American Journal of Water Resources, 2014, 2, 18-24. Aquifer evaluation in parts of north-central Nigeria from geo-electrical derived parameters. Applied 30 3 5.6 Water Science, 2021, 11, 1. Application of resistivity imaging for delineation of aquifer configuration., 2008, , . Application of resistivity imaging for delineation of aquifer configuration., 2008, , 63-68. 32 0 An Improved Potential Groundwater Yield Zonation Method for Sandstone Aquifers and Its Application in Ningxia, China. Natural Resources Research, 2022, 31, 849-865. GIS and Remote Sensing-Based Multi-Criteria Analysis for Delineation of Groundwater Potential 34 3.2 6 Zones: A Case Study for Industrial Zones in Bangladesh. Sustainability, 2022, 14, 6667. Identification of potential groundwater zones in rice-fallow areas within the Mahanadi river basin, India, using GIS and the analytical hierarchy process. Environmental Earth Sciences, 2022, 81, . An integrated geoinformatics and hydrogeological approach to delineating groundwater potential zones in the complex geological terrain of Abuja, Nigeria. Modeling Earth Systems and Environment, 36 3.4 16 2023, 9, 285-311. A combined GIS-based remote sensing and wireline log data analysis for water resource management in 2.1 the economic capital district of Cameroon. Sustainable Water Resources Management, 2022, 8, .

CITATION REPORT

#	Article	IF	CITATIONS
38	Groundwater Exploration Using Remote Sensing and GIS Techniques Coupled with Vertical Electrical Soundings from Hard Rock Terrain: A Case Study in Salem District, Southern India. Earth and Environmental Sciences Library, 2022, , 197-218.	0.4	0
39	Application of analytical hierarchical process, multi-influencing factor, and geospatial techniques for groundwater potential zonation in a semi-arid region of western India. Journal of Contaminant Hydrology, 2023, 253, 104122.	3.3	16
40	Delineation of groundwater potential zones at micro-spatial units of Nagaon district in Assam, India, using GIS-based MCDA and AHP techniques. Environmental Science and Pollution Research, 0, , .	5.3	5
41	Assessment of groundwater occurrence in a typical schist belt region in Osun State, Southwestern Nigeria using VES, aeromagnetic dataset, remotely sensed data, and MCDA approaches. Sustainable Water Resources Management, 2023, 9, .	2.1	3
42	Appraisal of lineaments for groundwater prognosis in the Middle Benue Trough, Nigeria: a case study. Sustainable Water Resources Management, 2023, 9, .	2.1	2
43	Understanding the forest cover dynamics and its health status using GIS-based analytical hierarchy process. , 2023, , 475-508.		2
44	Application of Multi-Criteria Decision-Making Approach for Assessing Flood Susceptibility of the Tal-Diara and Barind Region in Malda District, India. Springer Geography, 2023, , 203-230.	0.4	0
45	Regional overview potential zones for groundwater recharge in Wadi Hodein, south Eastern Desert of Egypt. Water Science, 2023, 37, 290-303.	1.6	0
46	Geospatial Multi-Criteria Evaluation Using AHP–GIS to Delineate Groundwater Potential Zones in Zakho Basin, Kurdistan Region, Iraq. Earth, 2023, 4, 655-675.	2.2	1
47	Delineation of Ground Water Prospect Zones of Mojo Watershed, Ethiopia, East Africa, Using GIS, Remote Sensing and Analytical Hierarchy Process. Journal of the Indian Society of Remote Sensing, 0, , .	2.4	0
48	Groundwater potential assessment using analytical hierarchy-driven geospatial techniques: Baramulla, Kashmir valley, India. Sustainable Water Resources Management, 2024, 10, .	2.1	0