CITATION REPORT List of articles citing

Groundwater management and development by integrated remote sensing and geographic information systems: prospects and constraints

DOI: 10.1007/s11269-006-9024-4 Water Resources Management, 2007, 21, 427-467.

Source: https://exaly.com/paper-pdf/43093468/citation-report.pdf

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
344	The Application of 3s Technique in Water Pollution Monitoring and Forecasting. 2009,		1
343	A GIS Database for Sustainable Management of Shallow Water Resources in the Tulul al Ashaqif Region, NE Jordan. <i>Water Resources Management</i> , 2009 , 23, 603-615	3.7	17
342	Quantitative Estimation Models and Their Application of Ecological Water Use at a Basin Scale. Water Resources Management, 2009 , 23, 1351-1365	3.7	17
341	Integrated Water Resource Development Plan for Sustainable Management of Mayurakshi Watershed, India using Remote Sensing and GIS. <i>Water Resources Management</i> , 2009 , 23, 1581-1602	3.7	111
340	Estimation of Urban Impervious Fraction from Satellite Images and Its Impact on Peak Discharge Entering a Storm Sewer System. <i>Water Resources Management</i> , 2009 , 23, 1893-1915	3.7	26
339	Integrating MODFLOW and GIS technologies for assessing impacts of irrigation management and groundwater use in the Hetao Irrigation District, Yellow River basin. 2009 , 52, 3257-3263		12
338	Integrated remote sensing and GIS-based approach for assessing groundwater potential in West Medinipur district, West Bengal, India. 2009 , 30, 231-250		258
337	Groundwater assessment in Salboni Block, West Bengal (India) using remote sensing, geographical information system and multi-criteria decision analysis techniques. 2010 , 18, 1713-1728		224
336	Delineation of groundwater recharge zones and identification of artificial recharge sites in West Medinipur district, West Bengal, using RS, GIS and MCDM techniques. 2010 , 59, 1209-1222		237
335	Environmental issues in urban groundwater systems: a multidisciplinary study of the Paranhos and Salgueiros spring waters, Porto (NW Portugal). 2010 , 61, 379-392		21
334	Methodology for Quantifying Groundwater Abstractions for Agriculture via Remote Sensing and GIS. <i>Water Resources Management</i> , 2010 , 24, 795-814	3.7	44
333	GIS mapping of regional probabilistic groundwater potential in the area of Pohang City, Korea. <i>Journal of Hydrology</i> , 2011 , 399, 158-172	6	274
332	Using a binary logistic regression method and GIS for evaluating and mapping the groundwater spring potential in the Sultan Mountains (Aksehir, Turkey). <i>Journal of Hydrology</i> , 2011 , 405, 123-136	6	192
331	GIS-based groundwater spring potential mapping in the Sultan Mountains (Konya, Turkey) using frequency ratio, weights of evidence and logistic regression methods and their comparison. <i>Journal of Hydrology</i> , 2011 , 411, 290-308	6	186
330	Development and evaluation of GIS-based ArcPRZM-3 system for spatial modeling of groundwater vulnerability to pesticide contamination. 2011 , 37, 822-830		27
329	Assessment of Groundwater Potential in a Semi-Arid Region of India Using Remote Sensing, GIS and MCDM Techniques. <i>Water Resources Management</i> , 2011 , 25, 1359-1386	3.7	277
328	Using MODFLOW and GIS to Assess Changes in Groundwater Dynamics in Response to Water Saving Measures in Irrigation Districts of the Upper Yellow River Basin. <i>Water Resources Management</i> . 2011 . 25. 2035-2059	3.7	97

(2013-2011)

327	Review: Satellite-based remote sensing and geographic information systems and their application in the assessment of groundwater potential, with particular reference to India. 2011 , 19, 729-740		36
326	An Integration of Spatial Information Technology for Groundwater Potential and Quality Investigations in Koduvan 🛭 Sub-Watershed of Meenachil River Basin, Kerala, India. 2011 , 39, 63-71		14
325	Evaluating the sensitivity of DRASTIC using different data sources, interpretations and mapping approaches. 2011 , 62, 1577-1595		7
324	Features of Water for Ecological Demand in Arid Area in the Northwest China. 2012 , 253-255, 1051-10	54	
323	GIS-based DRASTIC method for groundwater vulnerability assessment: a review. 2012 , 15, 991-1011		105
322	Recharge signal identification based on groundwater level observations. 2012 , 184, 5971-82		31
321	Remote Sensing. 2012 , 435-456		1
320	Regional groundwater productivity potential mapping using a geographic information system (GIS) based artificial neural network model. 2012 , 20, 1511-1527		97
319	Challenges and Opportunities in GRACE-Based Groundwater Storage Assessment and Management: An Example from Yemen. <i>Water Resources Management</i> , 2012 , 26, 1425-1453	3.7	19
318	Delineation of Groundwater Potential Zones in Arid Region of India Remote Sensing and GIS Approach. <i>Water Resources Management</i> , 2012 , 26, 2643-2672	3.7	115
317	Impact of Tanning Industries on Groundwater Quality near a Metropolitan City in India. <i>Water Resources Management</i> , 2012 , 26, 1747-1761	3.7	43
316	Introduction: The Geographical Analysis of Water Problems. 2012 , 44, 175-176		1
315	Assessment of groundwater contamination risk using hazard quantification, a modified DRASTIC model and groundwater value, Beijing Plain, China. 2012 , 432, 216-26		127
314	Application of a weights-of-evidence method and GIS to regional groundwater productivity potential mapping. 2012 , 96, 91-105		148
313	Assessing the accuracy of GIS-based elementary multi criteria decision analysis as a spatial prediction tool [A case of predicting potential zones of sustainable groundwater resources. <i>Journal of Hydrology</i> , 2012 , 440-441, 75-89	6	213
312	Geospatial and regression tree analysis to map groundwater depth for manual well drilling suitability in the Zinder region of Niger. <i>Journal of Hydrology</i> , 2012 , 446-447, 35-47	6	6
311	Artificial groundwater recharge zones mapping using remote sensing and GIS: a case study in Indian Punjab. 2013 , 52, 61-71		40
310	Groundwater vulnerability assessment in the Melaka State of Malaysia using DRASTIC and GIS techniques. 2013 , 70, 2293-2304		70

309	A knowledge-driven GIS modeling technique for groundwater potential mapping at the Upper Langat Basin, Malaysia. 2013 , 6, 1621-1637		164
308	Using RPC Block Adjustment models for the accuracy of environmental research, cartography and geomarketing: a new concept of cartography. 2013 , 27, 1315-1331		5
307	Quantifying the Poorly Known Role of Groundwater in Agriculture: the Case of Cyprus. <i>Water Resources Management</i> , 2013 , 27, 2501-2514	3.7	14
306	Groundwater recharge and exploitative potential zone mapping using GIS and GOD techniques. 2013 , 68, 267-280		31
305	Hydrogeomorphological mapping as a tool in groundwater exploration. 2013 , 9, 263-273		29
304	Assessment of surface and subsurface waterlogging, water level fluctuations, and lithological variations for evaluating groundwater resources in Ganga Plains. 2013 , 6, 276-296		10
303	Applications of Remote Sensing, Geographic Information System and Geostatistics in the Study of Arsenic Contamination in Groundwater. 2014 , 197-212		
302	Effect of Substitute Water Projects on Tempo-Spatial Distribution of Groundwater Withdrawals in Chikugo-Saga Plain, Japan. <i>Water Resources Management</i> , 2014 , 28, 4645-4663	3.7	3
301	Development and Integration of a Groundwater Simulation Model to an Open Geographic Information System. 2014 , 50, 101-110		7
300	GIS-based groundwater spring potential assessment and mapping in the Birjand Township, southern Khorasan Province, Iran. 2014 , 22, 643-662		171
299	Hydrology of the Jordan River Basin: A GIS-Based System to Better Guide Water Resources Management and Decision Making. <i>Water Resources Management</i> , 2014 , 28, 933-946	3.7	16
298	Application of GIS based data driven evidential belief function model to predict groundwater potential zonation. <i>Journal of Hydrology</i> , 2014 , 513, 283-300	6	301
297	Rainwater harvesting planning using geospatial techniques and multicriteria decision analysis. 2014 , 83, 96-111		78
296	Hydrological inferences from watershed analysis for water resource management using remote sensing and GIS techniques. 2014 , 17, 111-121		100
295	Modelling vegetation water-use and groundwater recharge as affected by climate variability in an arid-zone Acacia savanna woodland. <i>Journal of Hydrology</i> , 2014 , 519, 1084-1096	6	25
294	Appraising the accuracy of GIS-based Multi-criteria decision making technique for delineation of Groundwater potential zones. <i>Water Resources Management</i> , 2014 , 28, 4449-4466	3.7	88
293	Recent Trends in Modelling of Environmental Contaminants. 2014,		3
292	GIS and SBF for estimating groundwater recharge of a mountainous basin in the Wu River watershed, Taiwan. 2014 , 123, 503-516		16

291	Groundwater quality and hydrogeological characteristics of Malacca state in Malaysia. 2015, 24, 11-19		10
290	Operational applications of remote sensing in groundwater mapping across sub-Saharan Africa. 2015 , 70, 173-179		4
289	Location Identification for Water Conservation and Quality Assurance. 2015, 4, 1134-1141		1
288	Using Remote Sensing to Map and Monitor Water Resources in Arid and Semiarid Regions. 2015 , 33-60		13
287	Characterization of groundwater potential and artificial recharge sites in Bokaro District, Jharkhand (India), using remote sensing and GIS-based techniques. 2015 , 74, 4215-4232		23
286	Assessing groundwater pollution hazard changes under different socio-economic and environmental scenarios in an agricultural watershed. 2015 , 530-531, 333-346		16
285	Advances in Watershed Science and Assessment. 2015,		3
284	Identifying sources of groundwater contamination in a hard-rock aquifer system using multivariate statistical analyses and GIS-based geostatistical modeling techniques. 2015 , 4, 80-110		109
283	Groundwater Storage and Depletion Trends in Tamil Nadu State, India. <i>Water Resources Management</i> , 2015 , 29, 2139-2152	7	50
282	Mapping of groundwater potential zones in Salem Chalk Hills, Tamil Nadu, India, using remote sensing and GIS techniques. 2015 , 187, 164		37
281	An Assessment of Resource Potentials for Sustainable Development of Micro-watershed in Tirunelveli District Using Geoinformatics[A Case of Nambiyar Micro-watershed in Tirunelveli District, Tamil Nadu, India. 2015 , 4, 1299-1306		2
2 80	Evaluation of GIS-based multicriteria decision analysis and probabilistic modeling for exploring groundwater prospects. 2015 , 74, 2223-2246		27
279	Application of analytical hierarchy process, frequency ratio, and certainty factor models for groundwater potential mapping using GIS. <i>Earth Science Informatics</i> , 2015 , 8, 867-883	5	258
278	Evaluation of multiple environmental factors for site-specific groundwater recharge structures in the Vaigai River upper basin, Tamil Nadu, India, using GIS-based weighted overlay analysis. 2015 , 74, 4355-	438	10 ²⁵
277	How to manage future groundwater resource of China under climate change and urbanization: An optimal stage investment design from modern portfolio theory. 2015 , 85, 31-7		42
276	Application of Remote Sensing and GIS in Hydrological Studies in India: An Overview. 2015 , 38, 1-8		4
275	Assessment of groundwater potential zones in an arid region based on catastrophe theory. <i>Earth Science Informatics</i> , 2015 , 8, 539-549	5	49
274	Groundwater spring potential mapping using bivariate statistical model and GIS in the Taleghan Watershed, Iran. 2015 , 8, 913-929		131

273	A GIS-based DRASTIC model for assessing groundwater vulnerability in hard rock granitic aquifer. 2015 , 8, 1385-1401		27
272	Groundwater qanat potential mapping using frequency ratio and Shannon entropy models in the Moghan watershed, Iran. <i>Earth Science Informatics</i> , 2015 , 8, 171-186	.5	168
271	Geospatial and geostatistical approach for groundwater potential zone delineation. 2015 , 29, 395-418		82
270	Delineation of groundwater potential zone in hard rock terrain of India using remote sensing, geographical information system (GIS) and analytic hierarchy process (AHP) techniques. 2015 , 30, 402-421	1	126
269	Groundwater potential mapping at Kurdistan region of Iran using analytic hierarchy process and GIS. 2015 , 8, 7059-7071		256
268	Delineation of groundwater potential zones in Araniar River basin, Tamil Nadu, India: an integrated remote sensing and geographical information system approach. 2015 , 73, 3833-3847		13
267	A comprehensive analysis of groundwater resources using GIS and multicriteria tools (Caldas da Cavaca, Central Portugal): environmental issues. 2015 , 73, 2699-2715		27
266	Regional prediction of groundwater potential mapping in a multifaceted geology terrain using GIS-based DempsterBhafer model. 2015 , 8, 3235-3258		88
265	MONITORING GROUNDWATER STORAGE IN NORTHERN CHILE BASED ON SATELLITE OBSERVATIONS AND DATA SIMULATION. 2016 , 22, 1-15		2
264	Delineating Groundwater Vulnerability and Protection Zone Mapping in Fractured Rock Masses: Focus on the DISCO Index. 2016 , 8, 462		9
263	Mapping groundwater potential field using catastrophe fuzzy membership functions and Jenks optimization method: a case study of Maragheh-Bonab plain, Iran. 2016 , 75, 1		34
262	Specialized Aquifer Characterization and Monitoring Methods. 2016 , 467-488		
261	Geoinformatics based groundwater potential assessment in hard rock terrain of Ranchi urban environment, Jharkhand state (India) using MCDMAHP techniques. 2016 , 2-3, 27-41		31
260	Mapping groundwater recharge potential zone using a GIS approach in Hualian River, Taiwan. 2016 , 26, 33-43		156
259	GIS-based multivariate adaptive regression spline and random forest models for groundwater potential mapping in Iran. 2016 , 75, 1		108
258	Multi-criteria decision analysis for planning and management of groundwater resources in Balod District, India. 2016 , 75, 1		20
257	Estimation the Physical Variables of Rainwater Harvesting System Using Integrated GIS-Based Remote Sensing Approach. <i>Water Resources Management</i> , 2016 , 30, 3299-3313	·7	47
256	Combination of a geographical information system and remote sensing data to map groundwater recharge potential in arid to semi-arid areas: the Haouz Plain, Morocco. <i>Earth Science Informatics</i> , 2 2016 , 9, 465-479	.5	18

(2017-2016)

255	Combining geophysical techniques and multi-criteria GIS-based application modeling approach for groundwater potential assessment in southwestern Nigeria. 2016 , 75, 1		14
254	Assessment of groundwater potential zone using remote sensing, GIS and multi criteria decision analysis techniques. 2016 , 88, 481-492		55
253	Testing the ability of an empirical hydrological model to verify a knowledge-based groundwater potential zone mapping methodology. 2016 , 2, 1-17		24
252	Characteristic of multispectral images and well yields of hydrogeological units in fracture bedrock, Taiwan. 2016 ,		
251	Remote Sensing and GIS based groundwater potential mapping for sustainable water resource management of Lidder catchment in Kashmir Valley, India. 2016 , 87, 716-726		8
250	Modeling groundwater probability index in Ponnaiyar River basin of South India using analytic hierarchy process. 2016 , 2, 1		41
249	Food, water, and fault lines: Remote sensing opportunities for earthquake-response management of agricultural water. 2016 , 565, 1020-1027		9
248	Delineation of groundwater potential zones using remote sensing and GIS-based data-driven models. 2016 , 1-21		40
247	Examining the variability of small-reservoir water levels in semi-arid environments for integrated water management purposes, using remote sensing. 2016 , 71, 115-119		3
246	Application of GIS-Based Evidential Belief Function Model to Regional Groundwater Recharge Potential Zones Mapping in Hardrock Geologic Terrain. 2016 , 3, 93-123		51
245	Effects of shallow groundwater table and salinity on soil salt dynamics in the Keriya Oasis, Northwestern China. 2016 , 75, 1		38
244	GIS-based groundwater potential mapping using boosted regression tree, classification and regression tree, and random forest machine learning models in Iran. 2016 , 188, 44		327
243	Spatial analysis of groundwater potential using weights-of-evidence and evidential belief function models and remote sensing. 2016 , 9, 1		104
242	Assessment of groundwater level fluctuation by using remote sensing and GIS in West Bokaro coalfield, Jharkhand, India. 2016 , 22, 59-67		16
241	Integrating remote sensing, geographic information systems and global positioning system techniques with hydrological modeling. 2017 , 7, 1595-1608		40
240	Extracting of prospective groundwater potential zones using remote sensing data, GIS, and a probabilistic approach in Bojnourd basin, NE of Iran. 2017 , 10, 1		14
239	Abstraction Strategies for Irrigation from Large Diameter Wells. <i>Water Resources Management</i> , 2017 , 31, 2257-2270	3.7	О
238	Optimization of areaMolumeBlevation curve using GISBRTM method for rainwater harvesting in arid areas. 2017 , 76, 1		13

237	Landfill Site Selection Using Pollution Potential Zoning of Aquifers by Modified DRASTIC Method: Case Study in Northeast Iran. 2017 , 41, 229-239	4
236	Geospatial and MCDM tool mix for identification of potential groundwater prospects in a tropical river basin, Kerala. 2017 , 76, 1	18
235	Application of a GIS-/remote sensing-based approach for predicting groundwater potential zones using a multi-criteria data mining methodology. 2017 , 189, 321	11
234	An overview assessment of the effectiveness and global popularity of some methods used in measuring riverbank filtration. <i>Journal of Hydrology</i> , 2017 , 550, 497-515	15
233	Coupling distributed stormwater collection and managed aquifer recharge: Field application and implications. 2017 , 200, 366-379	29
232	Comparison of Analytic Hierarchy Process, Catastrophe and Entropy techniques for evaluating groundwater prospect of hard-rock aquifer systems. <i>Journal of Hydrology</i> , 2017 , 548, 605-624	71
231	Spatial mapping of groundwater potential in Ponnaiyar River basin using probabilistic-based frequency ratio model. 2017 , 3, 1	15
230	Identification of artificial groundwater recharging zone using a GIS-based fuzzy logic approach: a case study in a coal mine area of the Damodar Valley, India. 2017 , 7, 4513-4524	29
229	Exploring groundwater potential zones using MIF technique in semi-arid region: a case study of Hingoli district, Maharashtra. 2017 , 25, 749-756	52
228	Modeling of geoelectric parameters for assessing groundwater potentiality in a multifaceted geologic terrain, Ipinsa Southwest, Nigeria IA GIS-based GODT approachPeer review under responsibility of National Research Institute of Astronomy and Geophysics.View all notes. 2017 , 6, 434-451	8
227	Delineation of groundwater potential zones using remote sensing, GIS, and AHP technique in TehranKaraj plain, Iran. 2017 , 76, 1	23
226	Integrated multi-parameter approach for delineating groundwater potential zones in a crystalline aquifer of southern India. 2017 , 10, 1	2
225	Impact of geology and geomorphology on fluoride contaminated groundwater in hard rock terrain of India using geoinformatics approach. 2017 , 7, 2943-2956	6
224	Identification of rainwater harvesting sites using SCS-CN methodology, remote sensing and Geographical Information System techniques. 2017 , 32, 1367-1388	23
223	Delineation of potential fluoride contamination zones in Birbhum, West Bengal, India, using remote sensing and GIS techniques. 2017 , 10, 1	22
222	The Application of Remote Sensing (RS) Technology in Renewable Energy Development: A Review. 2017 ,	
221	An overview of groundwater chemistry studies in Malaysia. 2018 , 25, 7231-7249	12
220	Analyzing Factors of Groundwater Potential and Its Relation with Population in the Lower Barpani Watershed, Assam, India. 2018 , 27, 503-515	18

(2018-2018)

219	Mapping groundwater recharge potential zones in arid region using GIS and Landsat approaches, southeast Tunisia. 2018 , 63, 251-268	44
218	Use of geospatial technology for delineating groundwater potential zones with an emphasis on water-table analysis in Dwarka River basin, Birbhum, India. 2018 , 26, 899-922	33
217	Mapping groundwater recharge potential using GIS approach in Darwha block. 2018, 11, 1	4
216	Assessment of groundwater potential zones in coal mining impacted hard-rock terrain of India by integrating geospatial and analytic hierarchy process (AHP) approach. 2018 , 33, 105-129	69
215	Assessment of groundwater quality for drinking and agricultural purposes of a few selected areas in Tamil Nadu South India: a GIS-based study. 2018 , 4, 1-21	12
214	Geospatial signature of augmented groundwater accessibility around streams. 2018, 4, 673-685	1
213	Comparison of RS/GIS analysis with classic mapping approaches for siting low-yield boreholes for hand pumps in crystalline terrains. An application to rural communities of the Caimbambo province, Angola. 2018 , 138, 22-31	5
212	The role of geological structures on groundwater occurrence and flow in crystalline basement aquifers: a status review. 2018 , 11, 155-164	0
211	Groundwater suitability zonation with synchronized GIS and MCDM approach for urban and peri-urban phreatic aquifer ensemble of southern India. 2018 , 15, 801-811	5
210	Hydrogeochemical characteristics and spatial distribution of groundwater quality in Arusha well fields, Northern Tanzania. 2018 , 8, 1	17
209	Remote Sensing and GIS Based Groundwater Potential Zone Mapping in Ariyalur District, Tamil Nadu. 2018 , 92, 484-490	41
208	A review of GIS-integrated statistical techniques for groundwater quality evaluation and protection. 2018 , 77, 1	70
207	Correlation Analysis between Landscape Metrics and Water Quality under Multiple Scales. 2018, 15,	15
206	Modeling Land Use Changes and their Impacts on Non-Point Source Pollution in a Southeast China Coastal Watershed. 2018 , 15,	7
205	Overview of the application of geospatial technology to groundwater potential mapping in Nigeria. 2018 , 11, 1	13
204	Spatial prediction of groundwater spring potential mapping based on an adaptive neuro-fuzzy inference system and metaheuristic optimization. 2018 , 22, 4771-4792	81
203	GIS-based model of groundwater occurrence using geological and hydrogeological data in Precambrian Oban Massif southeastern Nigeria. 2018 , 8, 1	4
202	Morphometric Analysis and Hydrological Inference for Water Resource Management in Atrai-Sib River Basin, NW Bangladesh Using Remote Sensing and GIS Technique. 2018 , 91, 613-620	12

201	Use of a maximum entropy model to identify the key factors that influence groundwater availability on the Gonabad Plain, Iran. 2018 , 77, 1	25
200	The dual use of drainage characteristics in groundwater potential modelling using remote sensing and GIS: an example from Dengi Area, Northcentral Nigeria. 2018 , 4, 1105-1115	1
199	Groundwater potential mapping by combining fuzzy-analytic hierarchy process and GIS in Beylhir Lake Basin, Turkey. 2018 , 11, 1	48
198	Shallow groundwater plays an important role in enhancing irrigation water productivity in an arid area: The perspective from a regional agricultural hydrology simulation. 2018 , 208, 43-58	19
197	Short-term Periodic Observation of the Relationship of Climate Variables to Groundwater Quality along the KT Boundary. 2018 , 4, 77-86	5
196	BourceBinkIlandscape pattern analysis of nonpoint source pollution using remote sensing techniques. 2018 , 15, 2253-2268	6
195	Application of remote sensing and GIS for identification of potential ground water recharge sites in Semi-arid regions of Hard-rock terrain, in north Karnataka, South India. 2018 , 4, 1063-1076	8
194	Application of Remote Sensing and Geographical Information System in Groundwater Study. 2019 , 171-189	O
193	Spatial assessment of termites interaction with groundwater potential conditioning parameters in Keffi, Nigeria. <i>Journal of Hydrology</i> , 2019 , 578, 124012	8
192	Review: Advances in groundwater potential mapping. 2019 , 27, 2307-2324	57
192 191	Review: Advances in groundwater potential mapping. 2019 , 27, 2307-2324 Touching with Light, or, How Texture Recasts the Sensing of Underground Water. 2019 , 44, 762-785	57 7
191	Touching with Light, or, How Texture Recasts the Sensing of Underground Water. 2019 , 44, 762-785 Expounding the origin of chromium in groundwater of the Sarigkiol basin, Western Macedonia,	7
191 190	Touching with Light, or, How Texture Recasts the Sensing of Underground Water. 2019 , 44, 762-785 Expounding the origin of chromium in groundwater of the Sarigkiol basin, Western Macedonia, Greece: a cohesive statistical approach and hydrochemical study. 2019 , 191, 509 Geospatial Technology Application for Groundwater Prospects Mapping of Sub-Upper Krishna	7 23
191 190 189	Touching with Light, or, How Texture Recasts the Sensing of Underground Water. 2019 , 44, 762-785 Expounding the origin of chromium in groundwater of the Sarigkiol basin, Western Macedonia, Greece: a cohesive statistical approach and hydrochemical study. 2019 , 191, 509 Geospatial Technology Application for Groundwater Prospects Mapping of Sub-Upper Krishna Basin, Maharashtra. 2019 , 94, 419-427 Application of GIS-based models of weights of evidence, weighting factor, and statistical index in	7 23 2
191 190 189	Touching with Light, or, How Texture Recasts the Sensing of Underground Water. 2019, 44, 762-785 Expounding the origin of chromium in groundwater of the Sarigkiol basin, Western Macedonia, Greece: a cohesive statistical approach and hydrochemical study. 2019, 191, 509 Geospatial Technology Application for Groundwater Prospects Mapping of Sub-Upper Krishna Basin, Maharashtra. 2019, 94, 419-427 Application of GIS-based models of weights of evidence, weighting factor, and statistical index in spatial modeling of groundwater. 2019, 21, 745-760 Knowledge-Based Identification and Damage Detection of Bridges Spanning Water via	7 23 2
191 190 189 188	Touching with Light, or, How Texture Recasts the Sensing of Underground Water. 2019, 44, 762-785 Expounding the origin of chromium in groundwater of the Sarigkiol basin, Western Macedonia, Greece: a cohesive statistical approach and hydrochemical study. 2019, 191, 509 Geospatial Technology Application for Groundwater Prospects Mapping of Sub-Upper Krishna Basin, Maharashtra. 2019, 94, 419-427 Application of GIS-based models of weights of evidence, weighting factor, and statistical index in spatial modeling of groundwater. 2019, 21, 745-760 Knowledge-Based Identification and Damage Detection of Bridges Spanning Water via High-Spatial-Resolution Optical Remotely Sensed Imagery. 2019, 47, 1999-2008 Mapping of groundwater spring potential zone using geospatial techniques in the Central Nepal	7 23 2 2 3

183	Delineation of groundwater potential zones using geospatial techniques and analytical hierarchy process in Dumka district, Jharkhand, India. 2019 , 9, 100239		67
182	Groundwater potential assessment using GIS and remote sensing: A case study of Guna tana landscape, upper blue Nile Basin, Ethiopia. 2019 , 24, 100610		72
181	Geospatial delineation and mapping of groundwater potential in Embu County, Kenya. 2019, 8,		4
180	Groundwater vulnerability assessment in Savar upazila of Dhaka district, Bangladesh 🖪 GIS-based DRASTIC modeling. 2019 , 9, 100220		23
179	Identification of Groundwater Prospect in Bara Region of Allahabad District Based on Hydro-Geomorphological Analysis Using Satellite Imagery. 2019 , 47, 1257-1273		2
178	Impact of climate variation and human activities on groundwater quality in northwest of Iran. 2019 , 68, 121-135		7
177	Groundwater recharge in urban areas (Porto, NW Portugal): the role of GIS hydrogeology mapping. 2019 , 5, 203-216		9
176	Prediction analysis model for groundwater potential based on set pair analysis of a confined aquifer overlying a mining area. 2019 , 12, 1		13
175	GIS and AHP Techniques Based Delineation of Groundwater Potential Zones: a case study from Southern Western Ghats, India. 2019 , 9, 2082		151
174	Application of geospatial techniques in delineating groundwater potential zones: a case study from South India. 2019 , 12, 1		10
173	Terrain Characteristics and their Influence on the Temporal Behaviour of Hydraulic Heads in Kallada River Basin, Kerala. 2019 , 93, 61-67		5
172	Application of GIS and Modified DRASTIC Model Based on Entropy Weight and Fuzzy Theory to Ground Water Vulnerability Evaluation. 2019 , 342-353		
171	Reconstructing infrastructure for resilient essential services during and following protracted conflict: A conceptual framework. 2019 , 101, 1001-1029		3
170	Modeling Groundwater Potential Zone in a Semi-Arid Region of Aseer Using Fuzzy-AHP and Geoinformation Techniques. 2019 , 11, 2656		54
169	Application of Spatial Analysis for Delineating Groundwater Recharge Zone for Industrial Usage in Tanah Bumbu Regency, South Borneo/Indonesia. 2019 , 598, 012093		
168	Investigating groundwater recharge potential zones using a cross-correlation technique in a part of Deccan Volcanic Province (DVP), Central India. 2019 , 78, 1		1
167	Delineation of groundwater potential zones in semi-arid region of Jilledubanderu river basin, Anantapur District, Andhra Pradesh, India using fuzzy logic, AHP and integrated fuzzy-AHP approaches. 2019 , 2, 97-108		55
166	Mapping Groundwater Potential Using a Novel Hybrid Intelligence Approach. <i>Water Resources Management</i> , 2019 , 33, 281-302	3.7	97

165	Search for potential iron contamination zones in Burdwan district: an approach through fuzzy logic. 2019 , 5, 1017-1031		5
164	Modeling groundwater potential zones of Puruliya district, West Bengal, India using remote sensing and GIS techniques. 2019 , 3, 223-237		77
163	Potential groundwater zone mapping based on geo-hydrological considerations and multi-criteria spatial analysis: North UAE. 2019 , 173, 511-524		20
162	Computer and Computing Technologies in Agriculture X. 2019 ,		
161	GIS-based groundwater potential mapping within Dengi area, North Central Nigeria. 2019, 22, 175-181		22
160	Suitability maps for managed aquifer recharge: a review of multi-criteria decision analysis studies. 2019 , 27, 138-150		23
159	Delineation of groundwater potential zones using remote sensing (RS), geographical information system (GIS) and analytic hierarchy process (AHP) techniques: a case study in the Leyliakeynow watershed, southwest of Iran. 2019 , 34, 1307-1319		38
158	Heuristic Evaluation of Groundwater in Arid Zones Using Remote Sensing and Geographic Information System. 2020 , 17, 633-644		6
157	Groundwater vulnerability and contamination risk assessment using GIS-based modified DRASTIC-LU model in hard rock aquifer system in India. 2020 , 35, 1149-1178		32
156	Mapping groundwater potential zones using remote sensing and GIS approach in Jammu Himalaya, Jammu and Kashmir. 2020 , 85, 487-504		14
155	Application of multi-criteria decision making technique for the assessment of groundwater potential zones: a study on Birbhum district, West Bengal, India. 2020 , 22, 931-955		31
154	Generation of Groundwater Zones for Selection of Prospective Suitable Water Harvesting Structure Sites for Sustainable Water Supply Towards the Agricultural Development. 2020 , 9, 148-160		1
153	Assessment of groundwater recharge and its potential zone identification in groundwater-stressed Goghat-I block of Hugli District, West Bengal, India. 2020 , 22, 5905-5923		30
152	Critical Zone Assessments of an Alluvial Aquifer System Using the Multi-influencing Factor (MIF) and Analytical Hierarchy Process (AHP) Models in Western Iran. 2020 , 29, 1163-1191		8
151	Identification of groundwater recharge-based potential rainwater harvesting sites for sustainable development of a semiarid region of southern India using geospatial, AHP, and SCS-CN approach. 2020 , 13, 1		37
150	Mapping of groundwater potential zones in the drought-prone areas of south Madagascar using geospatial techniques. 2020 , 11, 1403-1413		15
149	A framework to assess the impact of ecological water conveyance on groundwater-dependent terrestrial ecosystems in arid inland river basins. 2020 , 709, 136155		19
148	An assessment of groundwater use in irrigated agriculture using multi-spectral remote sensing. <i>Physics and Chemistry of the Earth</i> , 2020 , 115, 102810	3	24

(2021-2020)

147	Multi-influencing factor method for delineation of groundwater potential zones using remote sensing and GIS techniques in the western part of Perambalur district, southern India. <i>Earth Science Informatics</i> , 2020 , 13, 317-332	16
146	A geo-spatial approach to perceive the groundwater regime of hard rock terrain- a case study from Morappur area, Dharmapuri district, South India. 2020 , 10, 100316	8
145	Identification of Groundwater Potential Zones Using RS, GIS and AHP Techniques: A Case Study in a Part of Deccan Volcanic Province (DVP), Maharashtra, India. 2020 , 48, 497-511	67
144	Hydrogeophysical and aquifer vulnerability zonation of a typical basement complex terrain: A case study of Odode Idanre southwestern Nigeria. 2020 , 6, e04549	4
143	Assessing sustainable development prospects through remote sensing: A review. 2020 , 20, 100402	12
142	A comparison of machine learning models for the mapping of groundwater spring potential. 2020 , 79, 1	15
141	Integration of remote sensing, GIS and 2D resistivity methods in groundwater development. 2020 , 10, 1	6
140	Watershed prioritization for soil and water conservation aspect using GIS and remote sensing: PCA-based approach at northern elevated tract Bangladesh. 2020 , 10, 1	21
139	Application of catastrophe theory to spatial analysis of groundwater potential in a sub-humid tropical region: a hybrid approach. 2020 , 1-20	1
138	Integrative Groundwater Studies in a Small-Scale Urban Area: Case Study from the Municipality of Penafiel (NW Portugal). 2020 , 10, 54	3
137	Morphometric analysis of the Jilledubanderu River Basin, Anantapur District, Andhra Pradesh, India, using geospatial technologies. 2020 , 11, 100434	11
136	Integrating In-Situ Data and RS-GIS Techniques to Identify Groundwater Potential Sites in Mountainous Regions of Taiwan. 2020 , 10, 4119	1
135	Groundwater Potential Mapping Using SWAT and GIS-Based Multi-Criteria Decision Analysis. 2020 , 24, 2546-2559	6
134	Predicting groundwater recharge potential zones using geospatial technique. 2020 , 6, 1	6
133	Assessment of Ground Water Quality of Central and Southeast Districts of NCT of Delhi. 2020 , 95, 95-103	13
132	Identification of suitable sites and structures for artificial groundwater recharge for sustainable groundwater resource development and management. 2020 , 11, 100388	6
131	Promoting artificial recharge to enhance groundwater potential in the lower Bhavani River basin of South India using geospatial techniques. 2021 , 28, 18437-18456	10
130	Groundwater potential mapping using geospatial techniques: a case study of Dhungeta-Ramis sub-basin, Ethiopia. 2021 , 5, 65-80	45

129	Comparison of gradient boosted decision trees and random forest for groundwater potential mapping in Dholpur (Rajasthan), India. 2021 , 35, 287-306	14
128	Groundwater potential evaluation using geoelectrical and analytical hierarchy process modeling techniques in Akure-Owode, southwestern Nigeria. 2021 , 7, 145-158	5
127	Groundwater potential as an indicator of water poverty index in drought-prone mid-hill region of Nepal Himalaya. 2021 , 12, 100502	3
126	Multi-criteria Decision-Making Approach Using Remote Sensing and GIS for Assessment of Groundwater Resources. 2021 , 59-79	
125	Groundwater extractions and climate change. 2021 , 23-45	О
124	Delineating the Status of Groundwater in a Plateau Fringe Region Using Multi-influencing Factor (MIF) and GIS: A Study of Bankura District, West Bengal, India. 2021 , 215-237	3
123	Applicability of Geospatial Technology, Weight of Evidence, and Multilayer Perceptron Methods for Groundwater Management: A Geoscientific Study on Birbhum District, West Bengal, India. 2021 , 473-499	2
122	Spatial Appraisals of Groundwater Recharge Potential Zone Identification Using Remote Sensing and GIS. 2021 , 407-427	1
121	Delineation of groundwater potential zones using MIF and AHP models: A micro-level study on Suri Sadar Sub-Division, Birbhum District, West Bengal, India. 2021 , 12, 100547	8
120	GIS-based multi-criteria decision making and entropy approaches for groundwater potential zones delineation. <i>Earth Science Informatics</i> , 2021 , 14, 333-347	12
119	Geoinformation Technologies in Support of Environmental Hazards Monitoring under Climate Change: An Extensive Review. 2021 , 10, 94	11
118	Quantifying monthly water balance to estimate water deficit in Mayurakshi River basin of Eastern India. 2021 , 23, 15986	2
117	Identifying Agricultural Managed Aquifer Recharge Locations to Benefit Drinking Water Supply in Rural Communities. 2021 , 57, e2020WR028811	2
116	Groundwater Potential Mapping Using GIS-Based Hybrid Artificial Intelligence Methods. 2021 , 59, 745-760	10
115	Evaluation of parameter sensitivity for groundwater potential mapping in the mountainous region of Nepal Himalaya. 2021 , 13, 100562	4
114	Spatial configuration of groundwater potential zones using OLS regression method. 2021 , 177, 104147	3
113	Comparison of multi-influence factor, weight of evidence and frequency ratio techniques to evaluate groundwater potential zones of basaltic aquifer systems. 1	4
112	A GIS-based approach for geospatial modeling of groundwater vulnerability and pollution risk mapping in Bou-Areg and Gareb aquifers, northeastern Morocco. 2021 , 28, 51612-51631	11

111	Fuzzy or Non-Fuzzy? A Comparison between Fuzzy Logic-Based Vulnerability Mapping and DRASTIC Approach Using a Numerical Model. A Case Study from Qatar. 2021 , 13, 1288	1
110	Groundwater Potentiality Mapping in Viruthachalam Taluk, Tamil Nadu, India: AHP and GIS Approaches. 2021 , 5, 24-33	O
109	Exploration of Water Resources Using Remote Sensing and Geographic Information System. 2021 , 364-378	
108	Fuzzy AHP based GIS and remote sensing techniques for the groundwater potential zonation for Bundelkhand Craton Region, India. 1-21	2
107	Mapping groundwater potential zones using relative frequency ratio, analytic hierarchy process and their hybrid models: case of Nzhelele-Makhado area in South Africa. 1-20	5
106	Monitoring of Groundwater Level Change with Geographical Information System (GIS), The Case of Konya Altflekin Basin. 2021 , 21, 620-631	О
105	Spatial analysis approaches for the evaluation and protection of groundwater resources in large watersheds of the Canadian Shield. 2021 , 29, 2053	О
104	Assessment of groundwater potential in terms of the availability and quality of the resource: a case study from Iraq. 2021 , 80, 1	5
103	A comparative geological, tectonic and geomorphological assessment of the Charlotte, Regent and Madina landslides, Western area, Sierra Leone. 2021 , 8,	2
102	An improved approach for predicting the groundwater potentiality in the low desert lands; El-Marashda area, Northwest Qena City, Egypt. 2021 , 179, 104200	7
101	Application of a Zoning Methodology for Groundwater Suitability on Islands, a Case Study of Pingtan Island, China. 2021 , 13, 2000	
100	Modeling of aquifer potentiality using GIS-based knowledge-driven technique: a case study of hard rock geological setting, southwestern Nigeria. 2021 , 7, 1	1
99	Krishna delta-surface water resources mapping & evaluation using geoinformatics. 2021,	
98	Groundwater potential zones identification in Arba Minch town, Rift Valley, Ethiopia, using geospatial and AHP tools. 2021 , 822, 012048	O
97	Integration of Remote sensing, GIS, and AHP in demarcating groundwater potential zones in Pattukottai Taluk, Tamilnadu, India. 2021 , 14, 1	2
96	Hatay ilindeki gletlerin hazne hacimlerinin colafi bilgi sistemleri ile belirlenmesi. 452-460	
95	Delineation of Groundwater Potential Zones (GWPZ) of Port Blair, Andaman Islands, India, using Multi Influencing Factors (MIF) method and geospatial techniques. 2021 , 24, 100631	1
94	Identification of groundwater potential zones using geospatial approach in Sivagangai district, South India. 2021 , 14, 1	13

93	Comparison of Digital Elevation Models for the designing water reservoirs: a case study Pskom water reservoir. 2021 , 264, 03058	О
92	Application of AHP for Groundwater Potential Zones Mapping in Plateau Fringe Terrain: Study from Western Province of West Bengal. 2021 , 189-219	2
91	Impact of Climate Change on Groundwater Resource of India: A Geographical Appraisal. 2021, 125-154	
90	Groundwater Development and Planning Through Rainwater Harvesting Structures: A Case Study of Semi-arid Micro-watershed of Vidharbha Region in Maharashtra, India. 2021 , 513-558	
89	Determining new way to detect hydrocarbon polluted water at vertical and horizontal spaces. 2021 , 42, 2071-2075	О
88	Bird E-Eye View of Forest Hydrology: Novel Approaches Using Remote Sensing Techniques. 2011 , 45-68	3
87	Characterization of Chlorinated Aliphatic Hydrocarbons and Environmental Variables in a Shallow Groundwater in Shanghai Using Kriging Interpolation and Multifactorial Analysis. 2015 , 10, e0142241	2
86	Assessment of the Groundwater Potential Zone in Hard Rock through the Application of GIS: The Case of Aboisso Area (South-East of Cote divoire). 2010 , 10, 2058-2067	5
85	Sustainable Smart Farming for Masses Using Modern Ways of Internet of Things (IoT) Into Agriculture. 2019 , 189-219	1
84	Mapping Potential Infiltration Patterns Using Digital Elevation Model. 2014 , 06, 345-357	2
83	Analysis of Watershed Attributes for Water Resources Management Using GIS: The Case of Chelekot Micro-Watershed, Tigray, Ethiopia. 2015 , 07, 177-190	14
82	A novel ensemble model of automatic multilayer perceptron, random forest, and ZeroR for groundwater potential mapping. 2021 , 193, 722	O
81	Potential of Geospatial Technologies for Mitigating Land and Water Related Disasters. 2010, 469-502	
80	Decision Support System: Concept and Potential for Integrated Water Resources Management. 2010 , 503-535	
79	A GIS-Based Study to Investigate Effect of Water Table Changes on DRASTIC Model: A Case Study of Kermanshah, Iran. 2016 , 3, 1-10	1
78	Monitoring of Temporal and Spatial Variation of Groundwater Drought using GRI and SWI Indices (Case Study: Sari-Neka Plain). 2018 , 9, 269-279	3
77	Application of Remote Sensing, GIS and Hydrogeophysics to Groundwater Exploration in parts of Lagos Metropolis: A case study of Oshodi/Isolo LGA. 2019 , 3, 41-55	2
76	Waterscape, State and Situation of China∃ Water Resources. 2020 , 08, 26-51	2

(2021-2020)

75	Modeling Groundwater Spring Potential of Selected Geographical Area Using Machine Learning Algorithms. 2020 , 424-432	
74	The optimistic implication of hand-dug wells in water resources development and handling in Ethiopia, a developing economy, such as in Guna Tana landscape. 2021 , 7, 1	
73	Land Degradation Assessment Using Geospatial Techniques. 2021, 421-453	2
72	Groundwater Management for Irrigated Agriculture Through Geospatial Techniques. 2021 , 455-488	O
71	Groundwater chemistry and health risks associated with nitrate intake in Hailun, northeast China. 2020 , 18, 1033-1049	
70	Delineation of groundwater potential zones using the integration of Geospatial and MIF techniques: a case study on Rarh region of West Bengal, India. 2021 , 5, 100396	3
69	Delineation of groundwater potential zones, groundwater estimation and recharge potentials from Mahoba district of Uttar Pradesh, India. 1	О
68	Denitrification in Intrinsic and Specific Groundwater Vulnerability Assessment: A Review. 2021 , 11, 10657	Ο
67	Delineation of groundwater potential zones by means of ensemble tree supervised classification methods in the Eastern Lake Chad basin. 1-28	1
66	Preprocessing approaches in machine-learning-based groundwater potential mapping: an application to the Koulikoro and Bamako regions, Mali. 2022 , 26, 221-243	4
65	Geospatial multi-criteria evaluation to identify groundwater potential in a Himalayan District, Rudraprayag, India. 1	0
64	Groundwater vulnerability assessment: A review including new statistical and hybrid methods 2022 , 153486	Ο
63	Delineating MAR Sites Using GIS-MCDA for Nuweiba Alluvial Fan Aquifer, Sinai, Egypt. 2022 , 14, 475	1
62	Delineating the groundwater potential zones in Bangladesh.	Ο
61	Groundwater recharge over the past 100 years: Regional spatiotemporal assessment and climate change impact over the Saguenay-Lac-Saint-Jean region, Canada. 2022 , 36,	1
60	Understanding the suitability of two MCDM techniques in mapping the groundwater potential zones of semi-arid Bankura District in eastern India. 2022 , 17, 100727	О
59	Integrating GIS and remote sensing for delineation of groundwater potential zones in Bundelkhand Region, India. 2022 , 25, 387-404	О
58	Using statistical models and GIS to delimit the groundwater recharge potential areas and to estimate the infiltration rate: A case study of Nadhour-Sisseb-El Alem Basin, Tunisia. 2021 , 13, 1122-1141	O

57	Groundwater management zones and their groundwater level thresholds in the Tongliao Plain. 2022 , 22, 2586-2595		
56	Assessment of groundwater suitability using remote sensing and GIS: a case study of Western Rajasthan, India. 2022 , 15, 1		1
55	Assessment of Groundwater Potential Zones Using GIS and Fuzzy AHP Techniques Case Study of the Titel Municipality (Northern Serbia). 2022 , 11, 257		0
54	Sustainable Smart Farming for Masses Using Modern Ways of Internet of Things (IoT) Into Agriculture. 2022 , 531-556		1
53	Delineation of groundwater potential zones in KwaZulu-Natal, South Africa using remote sensing, GIS and AHP. 2022 , 104571		2
52	Sensitivity analysis of CN using SCS-CN approach, rain gauges and TRMM satellite data assessment into HEC-HMS hydrological model in the upper basin of Oum Er Rbia, Morocco.		1
51	Assessment of Spatial Distribution and Temporal Variations of the Phreatic Groundwater Level Using Geostatistical Modelling: The Case of Oued Souf ValleyBouthern East of Algeria. 2022 , 14, 1415		
50	Adoption of Rainwater Harvesting: a Dual-factor Approach by Integrating Theory of Planned Behaviour and Norm Activation Model. <i>Water Resources Management</i> ,	3.7	O
49	Numerical upscaling of seismic signatures of poroelastic rocks containing mesoscopic fluid-saturated voids.		0
48	A GIS based fuzzy-AHP for delineating groundwater potential zones in tropical river basin, southern part of India. <i>Geosystems and Geoenvironment</i> , 2022 , 100093		2
47	Spatial prediction of groundwater potentiality using machine learning methods with Grey Wolf and Sparrow Search Algorithms. <i>Journal of Hydrology</i> , 2022 , 610, 127977	6	3
46	Groundwater Vulnerability Assessment in the Metaponto Coastal Plain (Basilicata, Italy). 2022 , 14, 1851		1
45	Analytical hierarchy process approach for identification of groundwater prospect zone in Ramanathapuram block. 2022 , 233-243		
44	Effects of changing climate on the groundwater potential: A case of Chongwe and Rufunsa Districts along the Chongwe River Catchment, Zambia. <i>Physics and Chemistry of the Earth</i> , 2022 , 103192	3	
43	Groundwater potential mapping in hard rock terrain using remote sensing, geospatial and aeromagnetic data. <i>Geosystems and Geoenvironment</i> , 2022 , 100107		
42	Using DSSAT-MODFLOW to determine the controls of groundwater storage and crop yield in groundwater-based irrigated regions. <i>Journal of Hydrology</i> , 2022 , 612, 128161	6	
41	Mapping of groundwater potential zones in Pohru Watershed of Jhelum Basin-Western Himalaya, India using integrated approach of remote sensing, GIS and AHP. <i>Earth Science Informatics</i> ,	2.5	1
40	Groundwater potential zones identification and validation in Peninsular India. 1-15		1

39	Mapping Prospective Areas of Water Resources and Monitoring Land Use/Land Cover Changes in an Arid Region Using Remote Sensing and GIS Techniques. 2022 , 14, 2435	3
38	Estimation of groundwater potential zones using remote sensing and geographical information system technique- Waghai Taluka, Dang district, Gujarat, Western India. 2022 , 9, 100615	Ο
37	Assessment of Groundwater Prospective Zone in Adigrat Town and Its Surrounding Area Using Geospatial Technology. 2022 , 387-405	0
36	Identification of Suitable Sites for Rain Water Harvesting Structures based on Water Budgeting using Remote Sensing & Discount GIS Tools on Watershed Basis.	Ο
35	Fuzzy analytical hierarchy process for groundwater potential mapping in a Mediterranean catchment: the case of the Medjerda catchment in northeast Algeria. 2022 , 15,	Ο
34	A review of GIS-based hydrological models for sustainable groundwater management. 2022 , 183-200	Ο
33	Calculation and determination of radioactivity in the old district of Najaf by using the track detector CR-39 and geographical information systems (GIS) methods. 2022 , 8, 709-717	Ο
32	Assessment of groundwater at Kurukshetra district.	Ο
31	Multi-criteria approach to assess groundwater potential: a case study of Baringo County, Kenya. 2022 , 17, 2199-2223	1
30	Groundwater exploration in a landscape with heterogeneous geology: An application of geospatial and analytical hierarchical process (AHP) techniques in the Edo north region, in Nigeria. 2023 , 20, 100871	1
29	Evaluation of machine learning algorithms for groundwater quality modeling.	О
28	Exploration of Potential Zones of Groundwater in Jamuna Watershed, Assam, by Applying Multi-influencing Factor Technique.	Ο
27	Groundwater potential zone demarcation in the Khadir Island of Kachchh, Western India. 2022, 100876	О
26	Seamless geospatial data methodology for topographic map: A case study on Baghdad. 2022 , 12, 778-788	Ο
25	Assessing the groundwater spring potential of Sindh basin in the Kashmir Himalaya. 2022, 15,	О
24	Groundwater Potential Zone Mapping: Integration of Multi-Criteria Decision Analysis (MCDA) and GIS Techniques for the Al-Qalamoun Region in Syria. 2022 , 11, 603	O
23	Delineating Groundwater Potential Zones in Hyper-Arid Regions Using the Applications of Remote Sensing and GIS Modeling in the Eastern Desert, Egypt. 2022 , 14, 16942	1
22	Assessment of Groundwater Vulnerability to Climate Change of Jalgaon District (M.S.), India, Using GIS Techniques. 2022 , 179-200	Ο

21	Evaluation of machine learning algorithms for groundwater quality modeling.	О
20	Groundwater flow modeling and hydraulic assessment of Al-Ruhbah region, Iraq. 2023, 32,	O
19	Combination of Metaheuristic Optimization Algorithms and Machine Learning Methods for Groundwater Potential Mapping. 2023 , 15, 2499	0
18	A combined GIS, remote sensing, and geoelectrical method for groundwater prospect assessment and aquifer mapping in El-Hamiz Sub-watershed, Algiers, Algeria. 2023 , 82,	O
17	Integration of GIS-based Multi-criteria Analysis Techniques for the Delineation of Groundwater Potential Zones in Oyo state, Nigeria using Bayes[Approach. 2022 , 6, 246-269	0
16	Spatial Analysis for Surface Water Quality Assessment of the Ikpoba River Using Geographic Information System. 2022 , 6, 391-408	O
15	Identification of groundwater potential zones in the Rabigh-Yanbu area on the western coast of Saudi Arabia using remote sensing (RS) and geographic information system (GIS). 11,	0
14	Delineation of groundwater potential zones using AHP and GIS techniques: a case study in Barakar river basin, India. 2023 , 16,	O
13	Groundwater Potential Assessment of Penang Island, Malaysia, Through Integration of Remote Sensing and GIS with Validation by 2D ERT. 2023 , 32, 523-541	O
12	Groundwater Delineation Using RS and GIS for Gurgaon Region. 2022,	O
11	GIS for Groundwater Resources and Contamination Risk Assessment. 2023, 313-331	O
10	Groundwater Potential Assessment Using GIS-Based Weighted Linear Combination Technique: A Case Study of Hard Rock Terrain Around Bhopal, India. 2023 , 255-271	O
9	Delineation of groundwater potential zones using remotely sensed data and GIS-based analytical hierarchy process: Insights from the Geba river basin in Tigray, Northern Ethiopia. 2023 , 46, 101355	0
8	Integrated GIS, Remote Sensing, and Electrical Resistivity Tomography Methods for the Delineation of Groundwater Potential Zones in Sangaw Sub-Basin, Sulaymaniyah, KRG-Iraq. 2023 , 15, 1055	O
7	Using Remote Sensing and GIS-Based Frequency Ratio Technique for Revealing Groundwater Prospective Areas at Wadi Al Hamdh Watershed, Saudi Arabia. 2023 , 15, 1154	1
6	DRASTIC-Fm-URBAN index: an updated and reliable GIS vulnerability mapping for the assessment of fractured rock media in urban areas. 2023 , 82,	O
5	Sustainability of Groundwater Potential Zones in Coastal Areas of Cuddalore District, Tamil Nadu, South India Using Integrated Approach of Remote Sensing, GIS and AHP Techniques. 2023 , 15, 5339	0
4	Groundwater quality enumeration and health risk in the extended part of Chhotanagpur granite gneiss complex of India.	O

CITATION REPORT

3	Groundwater Potential Mapping using Index of Entropy and NaMe Bayes Models at Ardabil Plain. 2020, 11, 273-286	Ο
2	Underground Water Level Prediction in Remote Sensing Images Using Improved Hydro Index Value with Ensemble Classifier. 2023 , 15, 2015	o
1	Hydrogeochemical Characterization and Appraisal of Groundwater Quality in Yisr River Catchment, Blue Nile River Basin, Ethiopia, by Using the GIS, WQI, and Statistical Techniques. 2023 , 2023, 1-28	О