

# Application of Time-Variable Gravity to Groundwater S

Frontiers in Earth Science

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Geometry of the Magma Chamber and Curie Point Depth Beneath Hawaii Island: Inferences From Magnetic and Gravity Data. <i>Frontiers in Earth Science</i> , 2022, 10, .	1.8	18
2	The Groundwater Flow Behavior and the Recharge in the Nubian Sandstone Aquifer System during the Wet and Arid Periods. <i>Sustainability</i> , 2022, 14, 6823.	3.2	13
3	Hydro-Geochemical Applications and Multivariate Analysis to Assess the Water–Rock Interaction in Arid Environments. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6340.	2.5	22
4	Integrated Geophysical Assessment of Groundwater Potential in Southwestern Saudi Arabia. <i>Frontiers in Earth Science</i> , 0, 10, .	1.8	25
5	Monitoring Mass Variations in Iraq Using Time-Variable Gravity Data. <i>Remote Sensing</i> , 2022, 14, 3346.	4.0	17
6	Hydro-Geophysical Evaluation of the Regional Variability of Senegal’s Terrestrial Water Storage Using Time-Variable Gravity Data. <i>Remote Sensing</i> , 2022, 14, 4059.	4.0	18
7	Detection of Mineralization Zones Using Aeromagnetic Data. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 9078.	2.5	11
8	Terrestrial Water Storage Dynamics: Different Roles of Climate Variability, Vegetation Change, and Human Activities across Climate Zones in China. <i>Forests</i> , 2022, 13, 1541.	2.1	0
9	Assessing Height Variations in Qinghai-Tibet Plateau from Time-Varying Gravity Data and Hydrological Model. <i>Remote Sensing</i> , 2022, 14, 4707.	4.0	2
10	Analysis of Groundwater Storage Fluctuations Using GRACE and Remote Sensing Data in Wadi As-Sirhan, Northern Saudi Arabia. <i>Water (Switzerland)</i> , 2023, 15, 282.	2.7	18
11	Geophysical and Remote Sensing Assessment of Chad’s Groundwater Resources. <i>Remote Sensing</i> , 2023, 15, 560.	4.0	18
12	Groundwater recharge estimation using in-situ and GRACE observations in the eastern region of the United Arab Emirates. <i>Science of the Total Environment</i> , 2023, 867, 161489.	8.0	9
13	Global assessment of the sensitivity of water storage to hydroclimatic variations. <i>Science of the Total Environment</i> , 2023, 879, 162958.	8.0	1
14	A New Approach for Assessing Groundwater Recharge by Combining GRACE and Baseflow With Case Studies in Karst Areas of Southwest China. <i>Water Resources Research</i> , 2023, 59, .	4.2	7
15	Integrated Geophysical Approach of Groundwater Potential in Wadi Ranyah, Saudi Arabia, Using Gravity, Electrical Resistivity, and Remote-Sensing Techniques. <i>Remote Sensing</i> , 2023, 15, 1808.	4.0	14
16	Sedimentary cover and structural trends affecting the groundwater flow in the Nubian Sandstone Aquifer System: Inferences from geophysical, field and geochemical data. <i>Frontiers in Earth Science</i> , 0, 11, .	1.8	1
17	Coupling Machine and Deep Learning with Explainable Artificial Intelligence for Improving Prediction of Groundwater Quality and Decision-Making in Arid Region, Saudi Arabia. <i>Water (Switzerland)</i> , 2023, 15, 2298.	2.7	7
18	Application of enhanced methods of gravity data analysis for mapping the subsurface structure of the bahira basin in Morocco. <i>Frontiers in Earth Science</i> , 0, 11, .	1.8	1

#	ARTICLE	IF	CITATIONS
19	Precipitation explains GRACE water storage variability over large endorheic basins in the 21st century. <i>Frontiers in Environmental Science</i> , 0, 11, .	3.3	0
20	Application of gravity and remote sensing data to groundwater potential in Wadi Ar-Ramah, Saudi Arabia. <i>Frontiers in Earth Science</i> , 0, 11, .	1.8	1
21	GRACE/GRACE-FO. <i>Hydrogeology Journal</i> , 0, , .	2.1	1
22	Investigation of groundwater potential using gravity data in Wadi Fatimah and its surroundings, Western Saudi Arabia. <i>Frontiers in Earth Science</i> , 0, 11, .	1.8	1
23	Geophysical monitoring of the groundwater resources in the Southern Arabian Peninsula using satellite gravity data. <i>AEJ - Alexandria Engineering Journal</i> , 2024, 86, 311-326.	6.4	1
24	Application of gravity and remote sensing data to groundwater storage variation in Wadi Al Dawasir, Saudi Arabia. <i>Journal of King Saud University - Science</i> , 2024, 36, 103172.	3.5	0
25	Mapping coastal groundwater potential zones using remote sensing based AHP model in Al Qunfudhah region along Red Sea, Saudi Arabia. <i>Heliyon</i> , 2024, 10, e28186.	3.2	0