

Land subsidence in central Mexico detected by ALOS In

Remote Sensing of Environment

140, 94-106

DOI: [10.1016/j.rse.2013.08.038](https://doi.org/10.1016/j.rse.2013.08.038)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Subsidence Detected by Multi-Pass Differential SAR Interferometry in the Cassino Plain (Central Italy): Joint Effect of Geological and Anthropogenic Factors?. Remote Sensing, 2014, 6, 9676-9690.	4.0	16
2	Predictability of hydraulic head changes and characterization of aquifer system and fault properties from InSAR-derived ground deformation. Journal of Geophysical Research: Solid Earth, 2014, 119, 6572-6590.	3.4	171
3	Groundwater deficit and land subsidence in central Mexico monitored by GRACE and RADARSAT-2. , 2014, , .		4
4	Experimental study on the vertical deformation of sand caused by cyclic withdrawal and recharging of groundwater. Engineering Geology, 2014, 183, 247-253.	6.3	19
5	Spaceborne D-InSAR system: Coherence analysis. , 2014, , .		0
6	Land subsidence susceptibility mapping at Kinta Valley (Malaysia) using the evidential belief function model in GIS. Natural Hazards, 2014, 73, 1019-1042.	3.4	190
7	Urban density mapping of global megacities from polarimetric SAR images. Remote Sensing of Environment, 2014, 155, 334-348.	11.0	27
8	InSAR uncertainty due to orbital errors. Geophysical Journal International, 2014, 199, 549-560.	2.4	72
9	Soil fracturing identification in Southern Zona Metropolitana del Valle de Mexico by means of multi-pass InSAR and GPR. , 2015, , .		0
10	Spatial-temporal heterogeneity of land subsidence evolution in Beijing based on InSAR and cluster analysis. , 2015, , .		0
11	On the potential of time series InSAR for subsidence and ground rupture evaluation: application to Texcoco and Cuautitlan-Pachuca subbasins, northern Valley of Mexico. Natural Hazards, 2015, 79, 1091-1110.	3.4	12
12	Geomechanics of subsurface water withdrawal and injection. Water Resources Research, 2015, 51, 3922-3955.	4.2	103
13	Footing Under Static Loading: Land Subsidence. American Journal of Applied Sciences, 2015, 12, 58-63.	0.2	1
14	Long Term Subsidence Analysis and Soil Fracturing Zonation Based on InSAR Time Series Modelling in Northern Zona Metropolitana del Valle de Mexico. Remote Sensing, 2015, 7, 6908-6931.	4.0	6
15	FE Analysis and experimental validation of land subsidence due to ground water level variation. International Journal of Engineering and Technology(UAE), 2015, 4, 451.	0.3	1
16	Land Subsidence over Oilfields in the Yellow River Delta. Remote Sensing, 2015, 7, 1540-1564.	4.0	29
17	Application of InSAR and Gravimetry for Land Subsidence Hazard Zoning in Aguascalientes, Mexico. Remote Sensing, 2015, 7, 17035-17050.	4.0	36
18	Land subsidence, Ground Fissures and Buried Faults: InSAR Monitoring of Ciudad Guzmán (Jalisco), Tlaxcala. Tj ETQq1 1 0.784314 rgBT /Overl	4.0	44

#	ARTICLE	IF	CITATIONS
19	The management of scarce water resources using GNSS, InSAR and in-situ micro gravity measurements as monitoring tools. South African Journal of Geomatics, 2015, 4, 213.	0.4	2
20	Monitoring and analyzing surface subsidence based on SBAS-InSAR in Beijing region, China. , 2015, , .		4
21	A Synergy Method to Improve Ensemble Weather Predictions and Differential SAR Interferograms. ISPRS Journal of Photogrammetry and Remote Sensing, 2015, 109, 98-107.	11.1	9
22	Geoheritage Within Cities: Urban Geosites in Mexico City. Geoheritage, 2015, 7, 365-373.	2.8	65
23	Understanding the subsidence process of a quaternary plain by combining geological and hydrogeological modelling with satellite InSAR data: The Acque Albule Plain case study. Remote Sensing of Environment, 2015, 168, 219-238.	11.0	38
24	Multiple causes of ground deformation in the Napoli metropolitan area (Italy) from integrated Persistent Scatterers DinSAR, geological, hydrological, and urban infrastructure data. Earth-Science Reviews, 2015, 146, 105-119.	9.1	24
25	Visco-elasto-plastic compaction of aquitards due to groundwater withdrawal in Shanghai, China. Environmental Earth Sciences, 2015, 74, 1611-1624.	2.7	5
26	GPS-derived ground deformation (2005â€“2014) within the Gulf of Mexico region referred to a stable Gulf of Mexico reference frame. Natural Hazards and Earth System Sciences, 2016, 16, 1583-1602.	3.6	16
27	Characterization of Black Sand Mining Activities and Their Environmental Impacts in the Philippines Using Remote Sensing. Remote Sensing, 2016, 8, 100.	4.0	26
28	Complex Deformation Monitoring over the Linfenâ€“Yuncheng Basin (China) with Time Series InSAR Technology. Remote Sensing, 2016, 8, 284.	4.0	16
29	Implementation of Geographical Conditions Monitoring in Beijing-Tianjin-Hebei, China. ISPRS International Journal of Geo-Information, 2016, 5, 89.	2.9	14
30	Anatomy of Subsidence in Tianjin from Time Series InSAR. Remote Sensing, 2016, 8, 266.	4.0	33
31	Mexico City land subsidence in 2014â€“2015 with Sentinel-1 IW TOPS: Results using the Intermittent SBAS (ISBAS) technique. International Journal of Applied Earth Observation and Geoinformation, 2016, 52, 230-242.	2.8	108
32	Land deformation mapping with ALOS PALSAR data: A case study of Taipei City. , 2016, , .		2
33	Interferometric phase reconstruction using simplified coherence network. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 119, 1-9.	11.1	15
34	Shearing along faults and stratigraphic joints controlled by land subsidence in the Valley of Queretaro, Mexico. Hydrogeology Journal, 2016, 24, 657-674.	2.1	45
35	Subsidence in the ParÃcutin lava field: Causes and implications for interpretation of deformation fields at volcanoes. Journal of Volcanology and Geothermal Research, 2016, 320, 1-11.	2.1	25
36	Numerical simulation of groundwater flow and aquifer-system compaction using simulation and InSAR technique: Saveh basin, Iran. Environmental Earth Sciences, 2016, 75, 1.	2.7	34

#	ARTICLE	IF	CITATIONS
37	An innovative procedure for monitoring the change in soil seismic response by InSAR data: application to the Mexico City subsidence. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 53, 146-158.	2.8	14
38	Assessing Groundwater Depletion and Dynamics Using <scp>GRACE</scp> and <scp>InSAR</scp>: Potential and Limitations. <i>Ground Water</i> , 2016, 54, 768-780.	1.3	93
39	Structure and Holocene Rupture of the Morelia Fault, Trans-Mexican Volcanic Belt, and Their Significance for Seismic Hazard Assessment. <i>Bulletin of the Seismological Society of America</i> , 2016, 106, 2376-2388.	2.3	19
40	Groundwater depletion in Central Mexico: Use of GRACE and InSAR to support water resources management. <i>Water Resources Research</i> , 2016, 52, 5985-6003.	4.2	90
41	InSAR time-series investigation of long-term ground displacement at Beijing Capital International Airport, China. <i>Tectonophysics</i> , 2016, 691, 271-281.	2.2	71
42	Advanced interpretation of interferometric SAR data to detect, monitor and model ground subsidence: outcomes from the ESA-GMES TerraFirma project. <i>Natural Hazards</i> , 2016, 83, 155-181.	3.4	24
43	Spin-up time research on the weather research and forecasting model for atmospheric delay mitigations of electromagnetic waves. <i>Journal of Applied Remote Sensing</i> , 2016, 10, 016027.	1.3	12
44	Land subsidence in major cities of Central Mexico: Interpreting InSAR-derived land subsidence mapping with hydrogeological data. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 47, 102-111.	2.8	112
45	Numerical simulation and prediction of regional land subsidence caused by groundwater exploitation in the southwest plain of Tehran, Iran. <i>Engineering Geology</i> , 2016, 201, 6-28.	6.3	118
46	Multi-temporal InSAR evidence of ground subsidence induced by groundwater withdrawal: the Montellano aquifer (SW Spain). <i>Environmental Earth Sciences</i> , 2016, 75, 1.	2.7	15
47	Heterogeneous surface displacement pattern at the Hatchobaru geothermal field inferred from SAR interferometry time-series. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2016, 44, 95-103.	2.8	12
48	Integration of InSAR Analysis and Numerical Modeling for the Assessment of Ground Subsidence in the City of Lisbon, Portugal. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 1663-1673.	4.9	11
49	Susceptibility area regionalization of land subsidence based on extenics theory. <i>Cluster Computing</i> , 2017, 20, 53-66.	5.0	16
50	Visualizing and interpreting surface displacement patterns on unstable slopes using multi-geometry satellite SAR interferometry (2D InSAR). <i>Remote Sensing of Environment</i> , 2017, 191, 297-312.	11.0	68
51	Land subsidence in Tianjin for 2015 to 2016 revealed by the analysis of Sentinel-1A with SBAS-InSAR. <i>Journal of Applied Remote Sensing</i> , 2017, 11, 026024.	1.3	18
52	Land subsidence prediction in Beijing based on PS-InSAR technique and improved Grey-Markov model. <i>GIScience and Remote Sensing</i> , 2017, 54, 797-818.	5.9	51
53	Reliability Analysis Applied on Land Subsidence Effects of Groundwater Remediation: Probabilistic vs. Deterministic Approach. <i>Water Resources Management</i> , 2017, 31, 1745-1758.	3.9	3
54	Characterization and causes of land subsidence in Beijing, China. <i>International Journal of Remote Sensing</i> , 2017, 38, 808-826.	2.9	77

#	ARTICLE	IF	CITATIONS
55	Microwave D-InSAR technique for assessment of land subsidence in Kolkata city, India. <i>Arabian Journal of Geosciences</i> , 2017, 10, 1.	1.3	14
56	Soil erosion susceptibility mapping for current and 2100 climate conditions using evidential belief function and frequency ratio. <i>Geomatics, Natural Hazards and Risk</i> , 2017, 8, 1695-1714.	4.3	28
57	Remote Sensing of Ground Deformation for Monitoring Groundwater Management Practices: Application to the Santa Clara Valley During the 2012â€“2015 California Drought. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 8566-8582.	3.4	88
58	InSAR to support sustainable urbanization over compacting aquifers: The case of Toluca Valley, Mexico. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 63, 33-44.	2.8	40
59	Multidimensional Small Baseline Subset (MSBAS) for Two-Dimensional Deformation Analysis: Case Study Mexico City. <i>Canadian Journal of Remote Sensing</i> , 2017, 43, 318-329.	2.4	71
60	Mining geohazards susceptibility and risk mapping: The case of the Amyntaio open-pit coal mine, West Macedonia, Greece. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	18
61	Ground subsidence in plains around Tehran: site survey, records compilation and analysis. <i>International Journal of Geo-Engineering</i> , 2017, 8, 1.	2.1	19
62	Evaluation of subsurface infiltration and displacement in a subsidence-reactivated normal fault in the Aguascalientes Valley, Mexico. <i>Environmental Earth Sciences</i> , 2017, 76, 1.	2.7	7
63	DInSAR-Based Detection of Land Subsidence and Correlation with Groundwater Depletion in Konya Plain, Turkey. <i>Remote Sensing</i> , 2017, 9, 83.	4.0	59
64	First Results from Sentinel-1A InSAR over Australia: Application to the Perth Basin. <i>Remote Sensing</i> , 2017, 9, 299.	4.0	26
65	Surface Motion and Structural Instability Monitoring of Ming Dynasty City Walls by Two-Step Tomo-PSInSAR Approach in Nanjing City, China. <i>Remote Sensing</i> , 2017, 9, 371.	4.0	22
66	Subsidence Evolution of the Leizhou Peninsula, China, Based on InSAR Observation from 1992 to 2010. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 466.	2.5	13
67	A Study of Ground Movements in Brussels (Belgium) Monitored by Persistent Scatterer Interferometry over a 25-Year Period. <i>Geosciences (Switzerland)</i> , 2017, 7, 115.	2.2	8
68	Deformation responses of slow moving landslides to seasonal rainfall in the Northern Apennines, measured by InSAR. <i>Geomorphology</i> , 2018, 308, 293-306.	2.6	67
69	Application and analysis of geodetic protocols for monitoring subsidence phenomena along on-shore hydrocarbon reservoirs. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 69, 13-26.	2.8	9
70	A Novel Approach to Model Earth Fissure Caused by Extensive Aquifer Exploitation and its Application to the Wuxi Case, China. <i>Water Resources Research</i> , 2018, 54, 2249-2269.	4.2	31
71	Complex surface deformation monitoring and mechanism inversion over Qingxu-Jiaocheng, China with multi-sensor SAR images. <i>Journal of Geodynamics</i> , 2018, 114, 41-52.	1.6	12
72	Use of Geophysical and Remote Sensing Data for Assessment of Aquifer Depletion and Related Land Deformation. <i>Surveys in Geophysics</i> , 2018, 39, 543-566.	4.6	47

#	ARTICLE	IF	CITATIONS
73	Correlating the subsidence pattern and land use in Bandung, Indonesia with both Sentinel-1/2 and ALOS-2 satellite images. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2018, 67, 54-68.	2.8	47
74	Evaluation of optimal aquifer yield in Nantong City, China, under land subsidence constraints. <i>Quarterly Journal of Engineering Geology and Hydrogeology</i> , 2018, 51, 124-137.	1.4	5
75	Land Subsidence in Taiyuan, China, Monitored by InSAR Technique With Multisensor SAR Datasets From 1992 to 2015. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018, 11, 1509-1519.	4.9	23
76	A tale of Mexico's most exploited and connected watersheds: the Basin of Mexico and the Lerma-Chapala Basin. <i>Wiley Interdisciplinary Reviews: Water</i> , 2018, 5, e1247.	6.5	6
77	Stochastic modeling for time series InSAR: with emphasis on atmospheric effects. <i>Journal of Geodesy</i> , 2018, 92, 185-204.	3.6	35
78	Quantitative mapping of groundwater depletion at the water management scale using a combined GRACE/InSAR approach. <i>Remote Sensing of Environment</i> , 2018, 205, 408-418.	11.0	94
79	Interferometric SAR Time Series Analysis for Ground Subsidence of the Abandoned Mining Area in North Peixian Using Sentinel-1A TOPS Data. <i>Journal of the Indian Society of Remote Sensing</i> , 2018, 46, 451-461.	2.4	15
80	Impact of human interventions on coastal and marine geological hazards: a review. <i>Bulletin of Engineering Geology and the Environment</i> , 2018, 77, 1081-1090.	3.5	31
81	ALOS/PALSAR SBAS Analysis of Surface Deformation in the Pacific Side of Chiba Prefecture, Japan. <i>Transactions of the Japan Society for Aeronautical and Space Sciences Aerospace Technology Japan</i> , 2018, 16, 593-598.	0.2	1
82	Detection of Differential Settlement of Man-Made Structures Coupled with Urban Development by Using Persistent Scatterer Interferometry (PSI). <i>Remote Sensing</i> , 2018, 10, 1048.	4.0	4
83	Performance Assessment Metrics for Line-Infrastructure Monitoring with Multi-Sensor SAR Data. , 2018, , .		0
84	Multi-sensor monitoring of Ciudad Guzman (Mexico) ground subsidence. <i>Procedia Computer Science</i> , 2018, 138, 362-365.	2.0	2
85	Spatiotemporal Evolution of Land Subsidence in the Beijing Plain 2003-2015 Using Persistent Scatterer Interferometry (PSI) with Multi-Source SAR Data. <i>Remote Sensing</i> , 2018, 10, 552.	4.0	39
86	Synthesizing multi-sensor, multi-satellite, multi-decadal datasets for global volcano monitoring. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 365, 38-56.	2.1	48
87	A Novel Method of Generating Deformation Time-Series Using Interferometric Synthetic Aperture Radar and Its Application in Mexico City. <i>Remote Sensing</i> , 2018, 10, 1741.	4.0	10
88	Remote Sensing of Urban Environments. , 2018, , 96-127.		11
89	Land subsidence by groundwater over-exploitation from aquifers in tectonic valleys of Central Mexico: A review. <i>Engineering Geology</i> , 2018, 246, 91-106.	6.3	75
90	Investigation of Ground Deformation in Taiyuan Basin, China from 2003 to 2010, with Atmosphere-Corrected Time Series InSAR. <i>Remote Sensing</i> , 2018, 10, 1499.	4.0	15

#	ARTICLE	IF	CITATIONS
91	Spatiotemporal monitoring of surface motions using DInSAR techniques integrated with geological information: a case study of an iron mine in the Amazon region using TerraSAR-X and RADARSAT-2 data. <i>Environmental Earth Sciences</i> , 2018, 77, 1.	2.7	4
92	Predicting groundwater recharge for varying land cover and climate conditions – a global meta-study. <i>Hydrology and Earth System Sciences</i> , 2018, 22, 2689-2703.	4.9	89
93	Overexploitation of groundwater resources in the faulted basin of Quer�taro, Mexico: A 3D deformation and stress analysis. <i>Engineering Geology</i> , 2018, 245, 192-206.	6.3	37
94	Short-lived pause in Central California subsidence after heavy winter precipitation of 2017. <i>Science Advances</i> , 2018, 4, eaar8144.	10.3	37
95	Governing the gaps in water governance and land-use planning in a megacity: The example of hydrological risk in Mexico City. <i>Cities</i> , 2018, 83, 61-70.	5.6	30
96	Land Subsidence Susceptibility Mapping in South Korea Using Machine Learning Algorithms. <i>Sensors</i> , 2018, 18, 2464.	3.8	120
97	Rupture process of the 2015 Pishan earthquake from joint inversion of InSAR, teleseismic data and GPS. <i>Science China Earth Sciences</i> , 2018, 61, 1467-1481.	5.2	1
98	Ground subsidence monitoring with SAR interferometry techniques in the rural area of Al Wagan, UAE. <i>Remote Sensing of Environment</i> , 2018, 216, 276-288.	11.0	32
99	Identification of subsiding areas undergoing significant magmatic carbon dioxide degassing, along the northern shore of Lake Kivu, East African Rift. <i>Journal of Volcanology and Geothermal Research</i> , 2018, 363, 40-49.	2.1	5
100	Detection of Land Subsidence Associated with Land Creation and Rapid Urbanization in the Chinese Loess Plateau Using Time Series InSAR: A Case Study of Lanzhou New District. <i>Remote Sensing</i> , 2018, 10, 270.	4.0	83
101	Multi-Sensor InSAR Analysis of Progressive Land Subsidence over the Coastal City of Urayasu, Japan. <i>Remote Sensing</i> , 2018, 10, 1304.	4.0	31
102	Site Selection with Attention to Susceptibility to Natural and Human Caused Hazards. <i>Springer Briefs in Geography</i> , 2019, , 15-34.	0.2	0
103	Processes governing natural land subsidence in the shallow coastal aquifer of the Ravenna coast, Italy. <i>Catena</i> , 2019, 172, 76-86.	5.0	21
104	Land Subsidence and Ground Fissures in Beijing Capital International Airport (BCIA): Evidence from Quasi-PS InSAR Analysis. <i>Remote Sensing</i> , 2019, 11, 1466.	4.0	46
105	Airborne and spaceborne remote sensing for archaeological and cultural heritage applications: A review of the century (1907–2017). <i>Remote Sensing of Environment</i> , 2019, 232, 111280.	11.0	169
106	SBAS-InSAR Based Deformation Detection of Urban Land, Created from Mega-Scale Mountain Excavating and Valley Filling in the Loess Plateau: The Case Study of Yan‐an City. <i>Remote Sensing</i> , 2019, 11, 1673.	4.0	56
107	Simultaneous state‐parameter estimation of rainfall-induced landslide displacement using data assimilation. <i>Natural Hazards and Earth System Sciences</i> , 2019, 19, 1387-1398.	3.6	2
108	The exploration of relationship between land subsidence and landscape transformation. <i>Natural Hazards</i> , 2019, 97, 1051-1068.	3.4	0

#	ARTICLE	IF	CITATIONS
109	Monitoring Land Surface Displacement over Xuzhou (China) in 2015–2018 through PCA-Based Correction Applied to SAR Interferometry. <i>Remote Sensing</i> , 2019, 11, 1494.	4.0	22
110	Remotely sensing large- and small-scale ground subsidence: A case study of the Guangdong–Hong Kong–Macao Greater Bay Area of China. <i>Remote Sensing of Environment</i> , 2019, 232, 111282.	11.0	88
111	A New Method for Isolating Elastic From Inelastic Deformation in Aquifer Systems: Application to the San Joaquin Valley, CA. <i>Geophysical Research Letters</i> , 2019, 46, 10800-10809.	4.0	42
112	An Accurate Method to Correct Atmospheric Phase Delay for InSAR with the ERA5 Global Atmospheric Model. <i>Remote Sensing</i> , 2019, 11, 1969.	4.0	32
113	Wide-Area InSAR Survey of Surface Deformation in Urban Areas and Geothermal Fields in the Eastern Trans-Mexican Volcanic Belt, Mexico. <i>Remote Sensing</i> , 2019, 11, 2341.	4.0	16
114	Macroseismic Study of the Devastating 22–23 October 1749 Earthquake Doublet in the Northern Colima Graben (Trans-Mexican Volcanic Belt, Western Mexico). <i>Seismological Research Letters</i> , 2019, 90, 2304-2317.	1.9	4
115	Land Subsidence Control Zone and Policy for the Environmental Protection of Shanghai. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2729.	2.6	25
116	A Model for Complex Subsidence Causality Interpretation Based on PS-InSAR Cross-Heading Orbits Analysis. <i>Remote Sensing</i> , 2019, 11, 2014.	4.0	3
117	A three-dimensional fluid-solid model, coupling high-rise building load and groundwater abstraction, for prediction of regional land subsidence. <i>Hydrogeology Journal</i> , 2019, 27, 1515-1526.	2.1	25
118	Analysis of the Spatiotemporal Variation in Land Subsidence on the Beijing Plain, China. <i>Remote Sensing</i> , 2019, 11, 1170.	4.0	26
119	Time-Series Displacement of Land Subsidence in Fuzhou Downtown, Monitored by SBAS-InSAR Technique. <i>Journal of Sensors</i> , 2019, 2019, 1-12.	1.1	9
120	Long-term subsidence in Mexico City from 2004 to 2018 revealed by five synthetic aperture radar sensors. <i>Land Degradation and Development</i> , 2019, 30, 1785-1801.	3.9	20
121	Spatially Heterogeneous Land Surface Deformation Data Fusion Method Based on an Enhanced Spatio-Temporal Random Effect Model. <i>Remote Sensing</i> , 2019, 11, 1084.	4.0	8
122	Time-series evolution patterns of land subsidence in the eastern Beijing Plain, China. <i>Remote Sensing</i> , 2019, 11, 539.	4.0	20
124	Investigating Subsidence in the Bursa Plain, Turkey, Using Ascending and Descending Sentinel-1 Satellite Data. <i>Remote Sensing</i> , 2019, 11, 85.	4.0	35
125	Surface Deformation Monitoring in Coal Mine Area Based on PSI. <i>IEEE Access</i> , 2019, 7, 29672-29678.	4.2	17
126	Quantifying the contribution of multiple factors to land subsidence in the Beijing Plain, China with machine learning technology. <i>Geomorphology</i> , 2019, 335, 48-61.	2.6	57
127	Distributed Scatterer InSAR Reveals Surface Motion of the Ancient Chaoshan Residence Cluster in the Lianjiang Plain, China. <i>Remote Sensing</i> , 2019, 11, 166.	4.0	5

#	ARTICLE	IF	CITATIONS
128	A Spatially Varying Scaling Method for InSAR Tropospheric Corrections Using a High-Resolution Weather Model. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 4051-4068.	3.4	25
129	Deformation Monitoring of Earth Fissure Hazards Using Terrestrial Laser Scanning. <i>Sensors</i> , 2019, 19, 1463.	3.8	17
130	Land subsidence modelling using tree-based machine learning algorithms. <i>Science of the Total Environment</i> , 2019, 672, 239-252.	8.0	99
131	National geohazards mapping in Europe: Interferometric analysis of the Netherlands. <i>Engineering Geology</i> , 2019, 256, 1-22.	6.3	21
132	Optimum design of level monitoring points for land subsidence. <i>Bulletin of Engineering Geology and the Environment</i> , 2019, 78, 5135-5146.	3.5	3
133	Land subsidence hazard modeling: Machine learning to identify predictors and the role of human activities. <i>Journal of Environmental Management</i> , 2019, 236, 466-480.	7.8	95
134	Land Subsidence Monitoring in Nanning Based on Sentinel-1A data and SBAS-InSAR. , 2019, , .		0
135	Challenges and opportunities for the development of MEGACITIES. <i>International Journal of Digital Earth</i> , 2019, 12, 1382-1395.	3.9	36
136	On the economic analysis of wastewater treatment and reuse for designing strategies for water sustainability: Lessons from the Mexico Valley Basin. <i>Resources, Conservation and Recycling</i> , 2019, 140, 1-12.	10.8	50
137	Ground surface response to continuous compaction of aquifer system in Tehran, Iran: Results from a long-term multi-sensor InSAR analysis. <i>Remote Sensing of Environment</i> , 2019, 221, 534-550.	11.0	108
138	Determining hydrogeological parameters of an aquifer in Sirjan Basin using Envisat ASAR interferometry and groundwater modelling. <i>International Journal of Remote Sensing</i> , 2020, 41, 655-682.	2.9	2
139	Reduced rate of land subsidence since 2016 in Beijing, China: evidence from Tomo-PSInSAR using RadarSAT-2 and Sentinel-1 datasets. <i>International Journal of Remote Sensing</i> , 2020, 41, 1259-1285.	2.9	25
140	Comparing geological and Persistent Scatterer Interferometry data of the Sele River coastal plain, southern Italy: Implications for recent subsidence trends. <i>Geomorphology</i> , 2020, 351, 106953.	2.6	14
141	Improving multi-technique monitoring using Sentinel-1 and Cosmo-SkyMed data and upgrading groundwater model capabilities. <i>Science of the Total Environment</i> , 2020, 703, 134757.	8.0	21
142	Empirical Bayesian Kriging method to evaluate inter-annual water-table evolution in the Cuenca Alta del R�o Laja aquifer, Guanajuato, M�xico. <i>Journal of Hydrology</i> , 2020, 582, 124517.	5.4	24
143	Analysis of the Contribution Rate of the Influencing Factors to Land Subsidence in the Eastern Beijing Plain, China Based on Extremely Randomized Trees (ERT) Method. <i>Remote Sensing</i> , 2020, 12, 2963.	4.0	15
144	Detecting differential ground displacements of civil structures in fast-subsiding metropolises with interferometric SAR and band-pass filtering. <i>Scientific Reports</i> , 2020, 10, 15460.	3.3	11
145	Evolution assessment of structurally-controlled differential subsidence using SBAS and PS interferometry in an emblematic case in Central Mexico. <i>Engineering Geology</i> , 2020, 279, 105860.	6.3	15

#	ARTICLE	IF	CITATIONS
146	South-to-North Water Diversion stabilizing Beijing's groundwater levels. <i>Nature Communications</i> , 2020, 11, 3665.	12.8	254
147	A reasoned bibliography on SAR interferometry applications and outlook on big interferometric data processing. <i>Remote Sensing Applications: Society and Environment</i> , 2020, 19, 100358.	1.5	7
148	Ground Deformation of Wuhan, China, Revealed by Multi-Temporal InSAR Analysis. <i>Remote Sensing</i> , 2020, 12, 3788.	4.0	23
149	Spatial-Temporal Evolution of Land Subsidence and Rebound over Xi'an in Western China Revealed by SBAS-InSAR Analysis. <i>Remote Sensing</i> , 2020, 12, 3756.	4.0	14
150	Spatial Analysis of Land Subsidence in the San Luis Potosi Valley Induced by Aquifer Overexploitation Using the Coherent Pixels Technique (CPT) and Sentinel-1 InSAR Observation. <i>Remote Sensing</i> , 2020, 12, 3822.	4.0	15
151	Spatiotemporal Characterization of Land Subsidence in Guandu (China) Revealed by Multisensor InSAR Observations. <i>Journal of Sensors</i> , 2020, 2020, 1-13.	1.1	1
152	Understanding Uneven Land Subsidence in Beijing, China, Using a Novel Combination of Geophysical Prospecting and InSAR. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088676.	4.0	19
153	State of the Art and Recent Advancements in the Modelling of Land Subsidence Induced by Groundwater Withdrawal. <i>Water (Switzerland)</i> , 2020, 12, 2051.	2.7	66
154	Wide-area observations of surface deformation in Mexican urban areas and geothermal fields using ENVISAT InSAR. <i>IOP Conference Series: Earth and Environmental Science</i> , 2020, 509, 012007.	0.3	0
155	Tracking California's sinking coast from space: Implications for relative sea-level rise. <i>Science Advances</i> , 2020, 6, eaba4551.	10.3	29
156	Subsidence-Derived Volumetric Strain Models for Mapping Extensional Fissures and Constraining Rock Mechanical Properties in the San Joaquin Valley, California. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019980.	3.4	12
157	Coal Mining Deformation Monitoring Using SBAS-InSAR and Offset Tracking: A Case Study of Yu County, China. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 6077-6087.	4.9	30
158	An application on sinkhole susceptibility mapping by integrating remote sensing and geographic information systems. <i>Arabian Journal of Geosciences</i> , 2020, 13, 1.	1.3	33
159	Integrating RELAX with PS-InSAR Technique to Improve Identification of Persistent Scatterers for Land Subsidence Monitoring. <i>Remote Sensing</i> , 2020, 12, 2730.	4.0	5
160	Land Surface Subsidence Due to Mining-Induced Tremors in the Upper Silesian Coal Basin (Poland) – Case Study. <i>Remote Sensing</i> , 2020, 12, 3923.	4.0	20
161	Land Subsidence Prediction Induced by Multiple Factors Using Machine Learning Method. <i>Remote Sensing</i> , 2020, 12, 4044.	4.0	24
162	Sentinel-1 Data for Underground Processes Recognition in Bucharest City, Romania. <i>Remote Sensing</i> , 2020, 12, 4054.	4.0	3
163	Multi-Temporal Satellite Interferometry for Fast-Motion Detection: An Application to Salt Solution Mining. <i>Remote Sensing</i> , 2020, 12, 3919.	4.0	9

#	ARTICLE	IF	CITATIONS
164	Recent Ground Subsidence in the North China Plain, China, Revealed by Sentinel-1A Datasets. <i>Remote Sensing</i> , 2020, 12, 3579.	4.0	22
165	Land subsidence and its relation with groundwater aquifers in Beijing Plain of China. <i>Science of the Total Environment</i> , 2020, 735, 139111.	8.0	80
166	Oil and Gas Mining Deformation Monitoring and Assessments of Disaster: Using Interferometric Synthetic Aperture Radar Technology. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2020, 8, 108-134.	9.6	13
167	Disruptive influences of residual noise, network configuration and data gaps on InSAR-derived land motion rates using the SBAS technique. <i>Remote Sensing of Environment</i> , 2020, 247, 111941.	11.0	26
168	The 2018 Long Rainy Season in Kenya: Hydrological Changes and Correlated Land Subsidence. <i>Remote Sensing</i> , 2020, 12, 1390.	4.0	12
169	The Strategic Practice of "Fiesta" in a Latino Protestant Church: Religious Racialization and the Performance of Ethnic Identity. <i>Journal for the Scientific Study of Religion</i> , 2020, 59, 161-179.	1.5	7
170	On the Use of Weighted Least-Squares Approaches for Differential Interferometric SAR Analyses: The Weighted Adaptive Variable-Length (WAVE) Technique. <i>Sensors</i> , 2020, 20, 1103.	3.8	10
171	Effect of digital elevation models on monitoring slope displacements in open-pit mine by differential interferometry synthetic aperture radar. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2020, 12, 1001-1013.	8.1	9
172	Indirect Impact Assessment of Pluvial Flooding in Urban Areas Using a Graph-Based Approach: The Mexico City Case Study. <i>Water (Switzerland)</i> , 2020, 12, 1753.	2.7	11
173	A Kalman Filter Time Series Analysis Method for InSAR. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019150.	3.4	22
174	InSAR Maps of Land Subsidence and Sea Level Scenarios to Quantify the Flood Inundation Risk in Coastal Cities: The Case of Singapore. <i>Remote Sensing</i> , 2020, 12, 296.	4.0	34
175	Analysis of the damage influence range generated by underground mining. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2020, 128, 104263.	5.8	24
176	DInSAR method applied to dual-pair interferograms with Sentinel-1 data: a study case on inconsistent unwrapping outputs. <i>International Journal of Remote Sensing</i> , 2020, 41, 4664-4683.	2.9	4
177	Evaluation of the carbon dioxide behavior in a thermal aquifer located at Central Mexico and its relation to silicate weathering. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 3411-3430.	3.5	6
178	GOM20: A Stable Geodetic Reference Frame for Subsidence, Faulting, and Sea-Level Rise Studies along the Coast of the Gulf of Mexico. <i>Remote Sensing</i> , 2020, 12, 350.	4.0	19
179	Potential Impacts of Future Climate Change Scenarios on Ground Subsidence. <i>Water (Switzerland)</i> , 2020, 12, 219.	2.7	14
180	Validating InSAR-SBAS results by means of different GNSS analysis techniques in medium- and high-grade deformation areas. <i>Environmental Monitoring and Assessment</i> , 2020, 192, 120.	2.7	32
181	Understanding Land Subsidence Along the Coastal Areas of Guangdong, China, by Analyzing Multi-Track MTInSAR Data. <i>Remote Sensing</i> , 2020, 12, 299.	4.0	25

#	ARTICLE	IF	CITATIONS
182	InSAR observations over the TaupÅ•Volcanic Zone's cone volcanoes: insights and challenges from the New Zealand volcano supersite. <i>New Zealand Journal of Geology, and Geophysics</i> , 2020, , 1-11.	1.8	13
183	Multi-Scale and Multi-Dimensional Time Series InSAR Characterizing of Surface Deformation over Shandong Peninsula, China. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2294.	2.5	17
184	Diagnosing Subsidence Geohazard at Beijing Capital International Airport, from High-Resolution SAR Interferometry. <i>Sustainability</i> , 2020, 12, 2269.	3.2	14
185	Investigation of subsidence phenomenon and impact of groundwater level drop on alluvial aquifer, case study: Damaneh-Daran plain in west of Isfahan province, Iran. <i>Modeling Earth Systems and Environment</i> , 2020, 6, 1145-1161.	3.4	10
186	Experimental Study on the Vertical Deformation of Soils due to Groundwater Withdrawal. <i>International Journal of Geomechanics</i> , 2020, 20, .	2.7	7
187	Characteristics of Surface Deformation in Lanzhou with Sentinel-1A TOPS. <i>Geosciences (Switzerland)</i> , 2020, 10, 99.	2.2	17
188	Fusing adjacent-track InSAR datasets to densify the temporal resolution of time-series 3-D displacement estimation over mining areas with a prior deformation model and a generalized weighting least-squares method. <i>Journal of Geodesy</i> , 2020, 94, 1.	3.6	11
189	The Multiple Aperture SAR Interferometry (MAI) Technique for the Detection of Large Ground Displacement Dynamics: An Overview. <i>Remote Sensing</i> , 2020, 12, 1189.	4.0	27
190	Cluster-Based Empirical Tropospheric Corrections Applied to InSAR Time Series Analysis. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 2204-2212.	6.3	17
191	Present-day land subsidence rates, surface faulting hazard and risk in Mexico City with 2014â€“2020 Sentinel-1 IW InSAR. <i>Remote Sensing of Environment</i> , 2021, 253, 112161.	11.0	102
192	Quantifying active deformation on a dry maarâ€™s bottom through a light unmanned aerial vehicle and Structure-from-Motion. <i>International Journal of Remote Sensing</i> , 2021, 42, 20-38.	2.9	1
193	TS-InSAR analysis for monitoring ground deformation in Lanzhou New District, the loess Plateau of China, from 2017 to 2019. <i>Advances in Space Research</i> , 2021, 67, 1267-1283.	2.6	28
194	Multi-Sensor InSAR Assessment of Ground Deformations around Lake Mead and Its Relation to Water Level Changes. <i>Remote Sensing</i> , 2021, 13, 406.	4.0	10
195	Monitoring Bridge Vibrations Based on GBSAR and Validation by High-Rate GPS Measurements. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 5572-5580.	4.9	4
196	A New Method to Predict Gully Head Erosion in the Loess Plateau of China Based on SBAS-InSAR. <i>Remote Sensing</i> , 2021, 13, 421.	4.0	19
197	Prediction of Mining-Induced Kinematic 3-D Displacements From InSAR Using a Weibull Model and a Kalman Filter. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-12.	6.3	6
198	Current trends in land subsidence of the North-Central part of Poland using DInSAR technique. <i>E3S Web of Conferences</i> , 2021, 266, 03006.	0.5	2
199	Extraction and analysis of saline soil deformation in the Qarhan Salt Lake region (in Qinghai, China) by the sentinel SBAS-InSAR technique. <i>Geodesy and Geodynamics</i> , 2021, , .	2.2	10

#	ARTICLE	IF	CITATIONS
200	Multi-Temporal Small Baseline Interferometric SAR Algorithms: Error Budget and Theoretical Performance. <i>Remote Sensing</i> , 2021, 13, 557.	4.0	13
201	Recent land deformation detected by Sentinel-1A InSAR data (2016–2020) over Hanoi, Vietnam, and the relationship with groundwater level change. <i>GIScience and Remote Sensing</i> , 2021, 58, 161-179.	5.9	31
202	Land Subsidence in Wuhan Revealed Using a Non-Linear PSInSAR Approach with Long Time Series of COSMO-SkyMed SAR Data. <i>Remote Sensing</i> , 2021, 13, 1256.	4.0	34
203	Satellite InSAR survey of structurally-controlled land subsidence due to groundwater exploitation in the Aguascalientes Valley, Mexico. <i>Remote Sensing of Environment</i> , 2021, 254, 112254.	11.0	62
204	Land subsidence due to groundwater pumping: hazard probability assessment through the combination of Bayesian model and fuzzy set theory. <i>Natural Hazards and Earth System Sciences</i> , 2021, 21, 823-835.	3.6	12
205	Monitoring of land subsidence due to excessive groundwater extraction using small baseline subset technique in Konya, Turkey. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 174.	2.7	53
206	Measuring land deformation in a mega city Karachi-Pakistan with sentinel SAR interferometry. <i>Geocarto International</i> , 2022, 37, 4974-4993.	3.5	9
207	Groundwater recharge potential zonation using an ensemble of machine learning and bivariate statistical models. <i>Scientific Reports</i> , 2021, 11, 5587.	3.3	47
208	Assessing subsidence of Mexico City from InSAR and LandSat ETM+ with CGPS and SVM. <i>Geoenvironmental Disasters</i> , 2021, 8, .	3.6	14
209	Modeling historical subsidence due to groundwater withdrawal in the Alto Guadalentn aquifer-system (Spain). <i>Engineering Geology</i> , 2021, 283, 105998.	6.3	8
210	Land Subsidence Susceptibility Mapping Using Persistent Scatterer SAR Interferometry Technique and Optimized Hybrid Machine Learning Algorithms. <i>Remote Sensing</i> , 2021, 13, 1326.	4.0	40
211	Long-Term Subsidence Monitoring of the Alluvial Plain of the Scheldt River in Antwerp (Belgium) Using Radar Interferometry. <i>Remote Sensing</i> , 2021, 13, 1160.	4.0	6
212	A probabilistic method for mapping earth fissure hazards. <i>Scientific Reports</i> , 2021, 11, 8841.	3.3	10
213	Interpreting C-band InSAR ground deformation data for large-scale groundwater management in Australia. <i>Journal of Hydrology: Regional Studies</i> , 2021, 34, 100774.	2.4	14
214	Surface response and subsurface features during the restriction of groundwater exploitation in Suzhou (China) inferred from decadal SAR interferometry. <i>Remote Sensing of Environment</i> , 2021, 256, 112327.	11.0	19
215	Investigating and modelling ground settlement response to groundwater dynamic variation in parts of Lagos using space-based retrievals. <i>Solid Earth Sciences</i> , 2021, 6, 95-110.	1.7	7
216	Monitoring of Land Subsidence in the Po River Delta (Northern Italy) Using Geodetic Networks. <i>Remote Sensing</i> , 2021, 13, 1488.	4.0	17
217	Comparison of multi-criteria and artificial intelligence models for land-subsidence susceptibility zonation. <i>Journal of Environmental Management</i> , 2021, 284, 112067.	7.8	39

#	ARTICLE	IF	CITATIONS
218	Over a Century of Sinking in Mexico City: No Hope for Significant Elevation and Storage Capacity Recovery. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2020JB020648.	3.4	29
219	Impacts of Large-Scale Groundwater Exploitation Based on Long-Term Evolution of Hydraulic Heads in Dhaka City, Bangladesh. <i>Water (Switzerland)</i> , 2021, 13, 1357.	2.7	13
220	Development of spatially varying groundwater-drawdown functions for land subsidence estimation. <i>Journal of Hydrology: Regional Studies</i> , 2021, 35, 100808.	2.4	6
222	Analysis and Evaluation of Land Subsidence along Linear Engineering Based on InSAR Data. <i>KSCE Journal of Civil Engineering</i> , 2021, 25, 3477-3491.	1.9	5
223	InSAR surface deformation and numeric modeling unravel an active salt diapir in southern Romania. <i>Scientific Reports</i> , 2021, 11, 12091.	3.3	3
224	Spatio-temporal linking of multiple SAR satellite data from medium and high resolution Radarsat-2 images. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 176, 222-236.	11.1	3
225	Recent advancements in multi-temporal methods applied to new generation SAR systems and applications in South America. <i>Journal of South American Earth Sciences</i> , 2021, 111, 103410.	1.4	10
226	Subsidence monitoring by integration of time series analysis from different SAR images and impact assessment of stress and aquitard thickness on subsidence in Tehran, Iran. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	2.7	6
227	A spatiotemporal analysis of the relationship between groundwater level and ground surface displacement using Sentinel-1 SAR data. <i>Arabian Journal of Geosciences</i> , 2021, 14, 1.	1.3	3
228	Decades of Ground Deformation in the Weihe Graben, Shaanxi Province, China, in Response to Various Land Processes, Observed by Radar Interferometry and Levelling. <i>Remote Sensing</i> , 2021, 13, 2374.	4.0	6
229	Interferometric Phase Reconstruction Based on Probability Generative Model: Toward Efficient Analysis of High-Dimensional SAR Stacks. <i>Remote Sensing</i> , 2021, 13, 2369.	4.0	2
230	Prediction of InSAR deformation time-series using a long short-term memory neural network. <i>International Journal of Remote Sensing</i> , 2021, 42, 6919-6942.	2.9	37
231	Land subsidence: A global challenge. <i>Science of the Total Environment</i> , 2021, 778, 146193.	8.0	102
232	Monitoring of land surface subsidence using persistent scatterer interferometry techniques and ground truth data in arid and semi-arid regions, the case of Remah, UAE. <i>Science of the Total Environment</i> , 2021, 776, 145946.	8.0	13
233	Geological risk assessment by a fracture measurement procedure in an urban area of Zacatecas, Mexico. <i>Natural Hazards</i> , 0, 1.	3.4	2
234	Mechanism of Land Subsidence Mutation in Beijing Plain under the Background of Urban Expansion. <i>Remote Sensing</i> , 2021, 13, 3086.	4.0	10
235	Monitoring surface deformations of the reclamation site using PS interferometry: Senol Gunes sport complex (Turkey). <i>Geocarto International</i> , 2022, 37, 7247-7260.	3.5	1
236	On the Assessment GPS-Based WRFDA for InSAR Atmospheric Correction: A Case Study in Pearl River Delta Region of China. <i>Remote Sensing</i> , 2021, 13, 3280.	4.0	6

#	ARTICLE	IF	CITATIONS
237	Adaptive Multilooping of Multitemporal Differential SAR Interferometric Data Stack Using Directional Statistics. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021, 59, 6706-6721.	6.3	10
238	Analysis of the impact of the South-to-North water diversion project on water balance and land subsidence in Beijing, China between 2007 and 2020. <i>Journal of Hydrology</i> , 2021, 603, 126990.	5.4	39
239	DInSAR-based monitoring of land subsidence related to groundwater over-exploitation: example from developing urban center of Nairobi, Kenya. <i>Hydrogeology Journal</i> , 2021, 29, 2461-2473.	2.1	2
240	Exploring the relationship between InSAR coseismic deformation and earthquake-damaged buildings. <i>Remote Sensing of Environment</i> , 2021, 262, 112508.	11.0	13
241	An investigation into time-variant subsidence potentials using inclusive multiple modelling strategies. <i>Journal of Environmental Management</i> , 2021, 294, 112949.	7.8	17
242	Mapping Risk to Land Subsidence: Developing a Two-Level Modeling Strategy by Combining Multi-Criteria Decision-Making and Artificial Intelligence Techniques. <i>Water (Switzerland)</i> , 2021, 13, 2622.	2.7	10
243	Characterization of Irreversible Land Subsidence in the Yazd-Ardakan Plain, Iran From 2003 to 2020 InSAR Time Series. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022258.	3.4	16
244	Aseismic multi-fracture modelling in unfaulted heavily-pumped basins: Mechanisms and applications. <i>Water Resources Research</i> , 2021, 57, e2021WR030127.	4.2	2
245	Estimation of ground subsidence of New Delhi, India using PS-InSAR technique and Multi-sensor Radar data. <i>Advances in Space Research</i> , 2022, 69, 1863-1882.	2.6	36
246	Understanding the different responses from the similarity between displacement and groundwater level time series in Beijing, China. <i>Natural Hazards</i> , 0, , 1.	3.4	1
247	Spatiotemporal modeling of land subsidence using a geographically weighted deep learning method based on PS-InSAR. <i>Science of the Total Environment</i> , 2021, 799, 149244.	8.0	31
248	Evaluation of land subsidence potential by linking subsurface deformation to microstructure characteristics in Suzhou, China. <i>Bulletin of Engineering Geology and the Environment</i> , 2021, 80, 2587-2600.	3.5	6
249	Assessment of the temporal-spatial evolution of subsidence and its driving mechanism in the Beijing Plain (China) by using SAR interferometry and geological data. <i>Geomatics, Natural Hazards and Risk</i> , 2021, 12, 2708-2735.	4.3	1
250	Nationwide urban ground deformation monitoring in Japan using Sentinel-1 LiCSAR products and LiCSBAS. <i>Progress in Earth and Planetary Science</i> , 2021, 8, .	3.0	50
251	Toward Fine Surveillance: A review of multitemporal interferometric synthetic aperture radar for infrastructure health monitoring. <i>IEEE Geoscience and Remote Sensing Magazine</i> , 2022, 10, 207-230.	9.6	20
252	Alteration of Groundwater Hydrochemistry Due to Its Intensive Extraction in Urban Areas from Mexico. <i>Water Science and Technology Library</i> , 2020, , 77-97.	0.3	4
253	Assessing the historical adaptive cycles of an urban social-ecological system and its potential future resilience: the case of Xochimilco, Mexico City. <i>Regional Environmental Change</i> , 2020, 20, 1.	2.9	20
254	Analysis of the influence of groundwater on land subsidence in Beijing based on the geographical weighted regression (GWR) model. <i>Science of the Total Environment</i> , 2020, 738, 139405.	8.0	61

#	ARTICLE	IF	CITATIONS
256	Stress-strain analysis by genetic algorithm-based integration of long-term subsidence time series from different synthetic aperture radar platforms in Darab, Iran. <i>Journal of Applied Remote Sensing</i> , 2019, 13, 1.	1.3	3
257	Downscaling of GRACE datasets based on relevance vector machine using InSAR time series to generate maps of groundwater storage changes at local scale. <i>Journal of Applied Remote Sensing</i> , 2019, 13, 1.	1.3	12
258	Application of PSInSAR for assessment of surface deformations in post_mining area _ case study of the former Walbrzych Hard Coal Basin (SW Poland). <i>Acta Geodynamica Et Geomaterialia</i> , 2016, , 41-52.	0.5	11
259	Influence of model parameter uncertainties on forecasted subsidence. <i>Acta Geodynamica Et Geomaterialia</i> , 2018, , 211-228.	0.5	9
260	Risk assessment for areas prone to flooding and subsidence: a case study from Bergen, Western Norway. <i>Hydrology Research</i> , 2020, 51, 322-338.	2.7	10
261	Multi-Temporal Analysis of Land Subsidence in Toluca Valley (Mexico) through a Combination of Persistent Scatterer Interferometry (PSI) and Historical Piezometric Data. <i>Advances in Remote Sensing</i> , 2014, 03, 49-60.	0.9	12
262	Application of InSAR and gravimetric surveys for developing construction codes in zones of land subsidence induced by groundwater extraction: case study of Aguascalientes, Mexico. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 372, 121-127.	1.0	2
263	Satellite geodesy tools for ground subsidence and associated shallow faulting hazard assessment in central Mexico. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 372, 255-260.	1.0	9
264	Multiple sensors applied to monitorland subsidence in Central Taiwan. <i>Proceedings of the International Association of Hydrological Sciences</i> , 0, 372, 385-391.	1.0	2
265	ComSAR: A new algorithm for processing Big Data SAR Interferometry. , 2021, , .		3
266	Mitigation of Land Subsidence Due to Groundwater Extraction in Queretaro, Mexico. , 2021, , .		0
267	The Risk Atlas of Mexico City, Mexico: a tool for decision-making and disaster prevention. <i>Natural Hazards</i> , 2022, 111, 411-437.	3.4	10
268	Land Subsidence Potential Detection in Yogyakarta International Airport using Sentinel-1 Insar Data. <i>Civil Engineering Dimension</i> , 2021, 23, 91-99.	0.3	3
269	Land Subsidence Susceptibility Zonation of Isfahan Plain Based on Geological Bedrock Layer. <i>Geotechnical and Geological Engineering</i> , 2022, 40, 1989-1996.	1.7	4
271	InSAR Monitoring of Land Subsidence for Sustainable Urban Planning. <i>Taylor & Francis Series in Remote Sensing Applications</i> , 2016, , 61-79.	0.0	0
272	Computing the relative land subsidence at Venice, Italy, over the last fifty years. , 0, , .		0
273	Estimation of ground subsidence in the city of Morelia, Mexico using Satellite Interferometry (INSAR)s. <i>Geofisica International</i> , 2018, 57, .	0.2	0
299	Subsidence and Morphologic Variations in Mexico City Generated by the Earthquakes of September 2017. <i>Geofisica International</i> , 2019, 58, 211-227.	0.2	2

#	ARTICLE	IF	CITATIONS
300	Water at a Glance in Mexico. Water Science and Technology Library, 2020, , 1-13.	0.3	1
301	Groundwater Resources of Mexico. World Water Resources, 2020, , 15-33.	0.4	6
302	Monitoring land deformation due to groundwater extraction using Sentinel-1 satellite images: a case study from Chapai Nawabgonj, Bangladesh. , 2020, , .		0
304	Slow surface subsidence and its impact on shallow loess landslides in a coal mining area. Catena, 2022, 209, 105830.	5.0	38
306	Monitoring Mining Activities Using Sentinel-1A InSAR Coherence in Open-Pit Coal Mines. Remote Sensing, 2021, 13, 4485.	4.0	6
307	Monitoring surface subsidence in the Binchang mining area using small baseline subset differential interferometric synthetic aperture radar with Sentinel-1A data. Journal of Applied Remote Sensing, 2020, 14, .	1.3	5
308	Mapping Urban Excavation Induced Deformation in 3D via Multiplatform InSAR Time-Series. Remote Sensing, 2021, 13, 4748.	4.0	3
309	Land deformation and sinkhole occurrence in response to the fluctuations of groundwater storage: an integrated assessment of GRACE gravity measurements, ICESat/ICESat-2 altimetry data, and hydrologic models. GIScience and Remote Sensing, 2021, 58, 1518-1542.	5.9	10
310	Assessing the efficiency of mitigation measures to reduce groundwater depletion and related land subsidence in QuerÁ©taro (Central Mexico) from decadal InSAR observations. International Journal of Applied Earth Observation and Geoinformation, 2021, 105, 102632.	2.8	8
311	Modeling Saline Mudflat and Aquifer Deformation Synthesizing Environmental and Hydrogeological Factors Using Time-Series InSAR. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2021, 14, 11134-11147.	4.9	2
312	Urban growth and land subsidence: Multi-decadal investigation using human settlement data and satellite InSAR in Morelia, Mexico. Science of the Total Environment, 2022, 811, 152211.	8.0	27
313	Sentinel-1 InSAR Assessment of Present-Day Land Subsidence Due to Exploitation of Groundwater Resources in Central Mexico. , 2020, , .		2
314	Tracking hidden crisis in Indiaâ€™s capital from space: implications of unsustainable groundwater use. Scientific Reports, 2022, 12, 651.	3.3	33
315	Evolution Assessment of Mining Subsidence Characteristics Using SBAS and PS Interferometry in Sanshandao Gold Mine, China. Remote Sensing, 2022, 14, 290.	4.0	9
316	Monitoring Large-Scale Hydraulic Engineering Using Sentinel-1 InSAR: A Case Study of China's South-to-North Water Diversion Middle Route Project. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 739-750.	4.9	9
317	Risk assessment of land subsidence and associated faulting in Mexico City using InSAR. Natural Hazards, 2022, 112, 37-55.	3.4	14
318	Surface deformation extraction from small baseline subset synthetic aperture radar interferometry (SBAS-InSAR) using coherence-optimized baseline combinations. GIScience and Remote Sensing, 2022, 59, 295-309.	5.9	19
319	Analyzing urban damage and surface deformation based hazard-risk in Kathmandu city occurred during Nepal earthquake (2015) using SAR interferometry. Advances in Space Research, 2022, 70, 3892-3904.	2.6	9

#	ARTICLE	IF	CITATIONS
320	Monitoring of Land Subsidence and Ground Fissure Activity within the Su-Xi-Chang Area Based on Time-Series InSAR. <i>Remote Sensing</i> , 2022, 14, 903.	4.0	6
321	Land subsidence susceptibility mapping using PWRSTFAL framework and analytic hierarchy process: fuzzy method (case study: Damaneh-Daran Plain in the west of Isfahan Province, Iran). <i>Environmental Monitoring and Assessment</i> , 2022, 194, 192.	2.7	3
322	Assessment of Changing the Abstraction and Recharge Rates on the Land Subsidence in the Nile Delta, Egypt. <i>Water (Switzerland)</i> , 2022, 14, 1096.	2.7	3
323	Sentinel-1A for monitoring land subsidence of coastal city of Pakistan using Persistent Scatterers In-SAR technique. <i>Scientific Reports</i> , 2022, 12, 5294.	3.3	17
324	GNSS-corrected InSAR displacement time-series spanning the 2019 Ridgecrest, CA earthquakes. <i>Geophysical Journal International</i> , 2022, 230, 1358-1373.	2.4	5
325	Detection, characterization, and analysis of land subsidence in Nairobi using InSAR. <i>Natural Hazards</i> , 2022, 113, 213-236.	3.4	2
326	<i>Giardia lamblia</i> infection risk modeling in Mexico city's flood water. <i>Water Science and Technology</i> , 0, , .	2.5	0
327	Multi-temporal analysis of groundwater depletion-induced land subsidence in Central Ganga Alluvial plain, Northern India. <i>Geocarto International</i> , 2022, 37, 11732-11755.	3.5	5
328	Land-subsidence susceptibility mapping: assessment of an adaptive neuro-fuzzy inference systemâ€“genetic algorithm hybrid model. <i>Geocarto International</i> , 2022, 37, 12194-12218.	3.5	2
329	Interseismic coupling along the Mexican subduction zone seen by InSAR and GNSS. <i>Earth and Planetary Science Letters</i> , 2022, 586, 117534.	4.4	9
331	VallInSAR: A Systematic Approach for the Validation of Differential SAR Interferometry in Land Subsidence Areas. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 3650-3671.	4.9	2
332	Improved registration algorithm for SAR image based on stable point of PS-InSAR. , 2022, , .		0
333	Transient hydrology-induced elastic deformation and land subsidence in Australia constrained by contemporary geodetic measurements. <i>Earth and Planetary Science Letters</i> , 2022, 588, 117556.	4.4	9
334	Estimation of annual groundwater changes from InSARâ€“derived land subsidence. <i>Water and Environment Journal</i> , 0, , .	2.2	3
335	Characteristics of land-subsidence evolution and soil deformation before and after the Water Diversion Project in Beijing, China. <i>Hydrogeology Journal</i> , 2022, 30, 1111-1134.	2.1	2
336	Blue-space availability, environmental quality and amenity use across contrasting socioeconomic contexts. <i>Applied Geography</i> , 2022, 144, 102716.	3.7	3
338	Ground and Satellite-Based Methods of Measuring Deformation at a UK Landslide Observatory: Comparison and Integration. <i>Remote Sensing</i> , 2022, 14, 2836.	4.0	5
339	A model-backfeed deformation estimation method for revealing 20-year surface dynamics of the Groningen gas field using multi-platform SAR imagery. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2022, 111, 102847.	1.9	2

#	ARTICLE	IF	CITATIONS
340	Impacts of Water Resources Development on Hydrology. , 2022, , 389-437.		2
341	Analysis of the Spatial and Temporal Evolution of Land Subsidence in Wuhan, China from 2017 to 2021. Remote Sensing, 2022, 14, 3142.	4.0	17
342	Analysis of Temporal and Spatial Evolution Characteristics of Land Subsidence in Western Songnen Plain Using Multisource Remote Sensing. Lithosphere, 2022, 2022, .	1.4	1
344	Assessment of the regional subsidence in the lacustrine zone of Mexico City using a geostatistical model. Environmental Earth Sciences, 2022, 81, .	2.7	0
345	Formation mechanism of ground fissure at Beijing Capital International Airport revealed by high-resolution InSAR and numerical modelling. Engineering Geology, 2022, 306, 106775.	6.3	7
346	Uncovering the Structural Effect Mechanisms of Natural and Social Factors on Land Subsidence: A Case Study in Beijing. Sustainability, 2022, 14, 10139.	3.2	0
347	PS-InSAR Based Monitoring of Land Subsidence by Groundwater Extraction for Lahore Metropolitan City, Pakistan. Remote Sensing, 2022, 14, 3950.	4.0	13
348	Integrating Agroecological Food Production, Ecological Restoration, Peasantsâ€™ Wellbeing, and Agri-Food Biocultural Heritage in Xochimilco, Mexico City. Sustainability, 2022, 14, 9641.	3.2	7
349	Interpretation and sensitivity analysis of the InSAR line of sight displacements in landslide measurements. GIScience and Remote Sensing, 2022, 59, 1226-1242.	5.9	38
350	Land Subsidence and Aquiferâ€™s System Storage Loss in Central Mexico: A Quasiâ€™Continental Investigation With Sentinelâ€™1 InSAR. Geophysical Research Letters, 2022, 49, .	4.0	7
351	Identification and assessment of land subsidence development in rural areas using PS interferometry: a case study in Western Michoacan, Mexico. Environmental Earth Sciences, 2022, 81, .	2.7	2
353	Assessment of Persistent Scatterers Behaviour in Co-Polarimetric PAZ Data with Model-Backfeed Method. , 2022, , .		0
354	Active tectonics in the Main Boundary Thrust zone, Garhwal Himalaya, as evident from palaeoseismic signatures, morphotectonic features and <scp>PSI</scp> base ground deformation. Geological Journal, 2023, 58, 195-208.	1.3	4
355	Remote Sensing of Groundwater: Current Capabilities and Future Directions. Water Resources Research, 2022, 58, .	4.2	8
356	Application of novel hybrid model for land subsidence susceptibility mapping. Geological Journal, 2023, 58, 2302-2320.	1.3	4
357	Numerical simulation of the land subsidence induced by groundwater mining. Cluster Computing, 2023, 26, 3647-3656.	5.0	4
358	Deformation Detection and Attribution Analysis of Urban Areas near Dianchi Lake in Kunming Using the Time-Series InSAR Technique. Applied Sciences (Switzerland), 2022, 12, 10004.	2.5	2
359	Review of satellite radar interferometry for subsidence analysis. Earth-Science Reviews, 2022, 235, 104239.	9.1	20

#	ARTICLE	IF	CITATIONS
360	Ground Deformation in Yuxi Basin Based on Atmosphere-Corrected Time-Series InSAR Integrated with the Latest Meteorological Reanalysis Data. <i>Remote Sensing</i> , 2022, 14, 5638.	4.0	2
361	Bibliometric Analysis of Interferometric Synthetic Aperture Radar (InSAR) Application in Land Subsidence from 2000 to 2021. <i>Journal of Sensors</i> , 2022, 2022, 1-15.	1.1	2
362	Reconstruction of surface deformation characteristics in alpine canyons under shadow conditions. <i>Journal of Mountain Science</i> , 2022, 19, 3105-3117.	2.0	0
363	A Multidisciplinary Approach to Evaluate the Environmental Impacts of Hydrocarbon Production in Khuzestan Province, Iran. <i>Energies</i> , 2022, 15, 8656.	3.1	6
364	SNAPPING Services on the Geohazards Exploitation Platform for Copernicus Sentinel-1 Surface Motion Mapping. <i>Remote Sensing</i> , 2022, 14, 6075.	4.0	2
365	Analysis and Prediction of Regional Land Subsidence with InSAR Technology and Machine Learning Algorithm. <i>KSCE Journal of Civil Engineering</i> , 2023, 27, 782-793.	1.9	7
366	Ground Subsidence Monitoring in a Mining Area Based on Mountainous Time Function and EnKF Methods Using GPS Data. <i>Remote Sensing</i> , 2022, 14, 6359.	4.0	1
367	Sentinel-1 InSAR and GPS-Integrated Long-Term and Seasonal Subsidence Monitoring in Houston, Texas, USA. <i>Remote Sensing</i> , 2022, 14, 6184.	4.0	5
368	Effects of South-to-North Water Diversion Project on groundwater and land subsidence in Beijing, China. <i>Bulletin of Engineering Geology and the Environment</i> , 2023, 82, .	3.5	4
369	A ConvLSTM Neural Network Model for Spatiotemporal Prediction of Mining Area Surface Deformation Based on SBAS-InSAR Monitoring Data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2023, 61, 1-22.	6.3	6
370	High-quality development of resource-based cities in China: Dilemmas and breakthroughs. <i>Journal of Natural Resources</i> , 2023, 38, 1.	0.6	2
371	An integrated approach for risk assessment of land subsidence in Xi'an, China using optical and radar satellite images. <i>Engineering Geology</i> , 2023, 314, 106983.	6.3	7
372	Tri-decadal evolution of land subsidence in the Beijing Plain revealed by multi-epoch satellite InSAR observations. <i>Remote Sensing of Environment</i> , 2023, 286, 113446.	11.0	11
373	Land subsidence prediction model based on its influencing factors and machine learning methods. <i>Natural Hazards</i> , 2023, 116, 3015-3041.	3.4	4
374	Urban surface deformation monitoring and prediction by integrating SBAS-InSAR and Elman neural network. <i>Survey Review</i> , 2024, 56, 18-31.	1.2	1
375	Analysis of land subsidence caused by hydrodynamic force in Loess Hilly and gully region based on SBAS-InSAR. <i>PLoS ONE</i> , 2023, 18, e0279832.	2.5	3
376	Predicting Short-Term Deformation in the Central Valley Using Machine Learning. <i>Remote Sensing</i> , 2023, 15, 449.	4.0	4
377	Anthropogenic interventions on land neutrality in a critically vulnerable estuarine island ecosystem: a case of Munro Island (India). <i>Scientific Reports</i> , 2023, 13, .	3.3	5

#	ARTICLE	IF	CITATIONS
378	Investigating ground deformation due to a series of collapse earthquakes by means of the PS-InSAR technique and Sentinel 1 data in Kandy, Sri Lanka. <i>Journal of Applied Remote Sensing</i> , 2023, 17, .	1.3	1
379	Post Mining Ground Deformations Transition Related to Coal Mines Closure in the Campine Coal Basin, Belgium, Evidenced by Three Decades of MT-InSAR Data. <i>Remote Sensing</i> , 2023, 15, 725.	4.0	7
380	Estimating contribution of permafrost to lake expansion by SBAS-InSAR: a case study from Hohxil Lake basin in the Tibetan Plateau. , 2023, , .		0
381	Crustal deformation study of Kashmir basin: Insights from PSInSAR based time series analysis. <i>Journal of Applied Geophysics</i> , 2023, 211, 104979.	2.1	6
382	Automatic identification of mining-induced subsidence using deep convolutional networks based on time-series InSAR data: a case study of Huodong mining area in Shanxi Province, China. <i>Bulletin of Engineering Geology and the Environment</i> , 2023, 82, .	3.5	2
383	A Classification Tree for Modeling Ground Fractures from Subsidence. <i>Applied Sciences (Switzerland)</i> , 2023, 13, 3123.	2.5	0
384	Groundwater Volume Loss in Mexico City Constrained by InSAR and GRACE Observations and Mechanical Models. <i>Geophysical Research Letters</i> , 2023, 50, .	4.0	5
385	Selected Worldwide Cases of Land Subsidence Due to Groundwater Withdrawal. <i>Water (Switzerland)</i> , 2023, 15, 1094.	2.7	4
386	Extraction and Analysis of Radar Scatterer Attributes for PAZ SAR by Combining Time Series InSAR, PolSAR, and Land Use Measurements. <i>Remote Sensing</i> , 2023, 15, 1571.	4.0	0
387	Spatiotemporal Evolution of Ground Subsidence and Extensional Basin Bedrock Organization: An Application of Multitemporal Multi-Satellite SAR Interferometry. <i>Geosciences (Switzerland)</i> , 2023, 13, 105.	2.2	0
388	Understanding the Spatial-Temporal Characteristics of Land Subsidence in Shenzhen under Rapid Urbanization Based on MT-InSAR. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2023, , 1-13.	4.9	0
389	Determination of Susceptibility to the Generation of Discontinuities Related to Land Subsidence Using the Frequency Ratio Method in the City of Aguascalientes, Mexico. <i>Remote Sensing</i> , 2023, 15, 2597.	4.0	1
390	Land Subsidence Monitoring and Building Risk Assessment Using InSAR and Machine Learning in a Loess Plateau City—A Case Study of Lanzhou, China. <i>Remote Sensing</i> , 2023, 15, 2851.	4.0	1
391	Reduction of Atmospheric Effects on InSAR Observations Through Incorporation of GACOS and PCA Into Small Baseline Subset InSAR. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2023, 61, 1-15.	6.3	2
392	Study on Land Subsidence Simulation Based on a Back-Propagation Neural Network Combined with the Sparrow Search Algorithm. <i>Remote Sensing</i> , 2023, 15, 2978.	4.0	1
393	Understanding the Spatial Variability of the Relationship between InSAR-Derived Deformation and Groundwater Level Using Machine Learning. <i>Geosciences (Switzerland)</i> , 2023, 13, 133.	2.2	6
394	Robust Phase Linking in InSAR. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2023, 61, 1-11.	6.3	2
395	Exploring the potential for groundwater-related ground deformation in Southern New South Wales, Australia. <i>Science of the Total Environment</i> , 2023, 895, 165167.	8.0	0

#	ARTICLE	IF	CITATIONS
396	Understanding the Spatiotemporal Characteristics of Land Subsidence and Rebound in the Lianjiang Plain Using Time-Series InSAR with Dual-Track Sentinel-1 Data. <i>Remote Sensing</i> , 2023, 15, 3236.	4.0	0
397	Evaluation of ground surface deformation in discontinuous permafrost regions along the China-Russia Crude Oil Pipelines in Northeast China using InSAR and ground surveys. <i>Engineering Geology</i> , 2023, 323, 107227.	6.3	2
398	Surface Subsidence of Nanchang, China 2015–2021 Retrieved via Multi-Temporal InSAR Based on Long- and Short-Time Baseline Net. <i>Remote Sensing</i> , 2023, 15, 3253.	4.0	2
399	Coupling the Relationship between Land Subsidence and Groundwater Level, Ground Fissures in Xi'an City Using Multi-Orbit and Multi-Temporal InSAR. <i>Remote Sensing</i> , 2023, 15, 3567.	4.0	1
400	Toward a Wide-Scale Land Subsidence Product in Eastern States of Australia. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2023, 61, 1-12.	6.3	0
401	Delhi urbanization footprint and its effect on the earth's subsurface state-of-stress through decadal seismicity modulation. <i>Scientific Reports</i> , 2023, 13, .	3.3	1
402	Modelado regional de la recarga de agua subterránea en la Cuenca de México: nuevos conocimientos a partir de observaciones satelitales y datos globales. <i>Hydrogeology Journal</i> , 0, , .	2.1	0
403	Analysis of Aquifer System Deformation in the Doñana Natural Space (Spain) Using Unsupervised Cloud-Computed InSAR Data and Wavelet Analysis. <i>Water Resources Research</i> , 2023, 59, .	4.2	1
404	Urban subsidence in rapid economic development: the case of Luoyang city, Henan Province. <i>All Earth</i> , 2023, 35, 252-271.	2.1	0
405	TerraSAR-X and GNSS Data for Deformation Detection and Mechanism Analysis of a Deep Excavation Channel Section of the China South-North Water-Diversion Project. <i>Remote Sensing</i> , 2023, 15, 3777.	4.0	0
406	Mine Subsidence Monitoring Integrating DS-InSAR with UAV Photogrammetry Products: Case Studies on Hebei and Inner Mongolia. <i>Remote Sensing</i> , 2023, 15, 4998.	4.0	0
407	Large-Scale Surface Deformation Monitoring Using SBAS-InSAR and Intelligent Prediction in Typical Cities of Yangtze River Delta. <i>Remote Sensing</i> , 2023, 15, 4942.	4.0	1
408	Global land subsidence mapping reveals widespread loss of aquifer storage capacity. <i>Nature Communications</i> , 2023, 14, .	12.8	7
409	Mechanism the land subsidence from multiple spatial scales and hydrogeological conditions – A case study in Beijing-Tianjin-Hebei, China.. <i>Journal of Hydrology: Regional Studies</i> , 2023, 50, 101531.	2.4	0
410	Two decades of land subsidence in Kolkata, India revealed by InSAR and GPS measurements: implications for groundwater management and seismic hazard assessment. <i>Natural Hazards</i> , 2023, 118, 2593-2607.	3.4	3
411	Evaluation of Jining mining subsidence susceptibility based on three multiple-criteria decision analysis methods. <i>Geocarto International</i> , 2023, 38, .	3.5	2
412	Research on the Protection of Architectural Heritage Based on SBAS and LSTM Technologies. , 2023, , .		0
413	A Fusion of Geothermal and InSAR Data with Machine Learning for Enhanced Deformation Forecasting at the Geysers. <i>Land</i> , 2023, 12, 1977.	2.9	0

#	ARTICLE	IF	CITATIONS
415	Multi-Scale Ground Deformation Analysis and Investigation of Driver Factors Based on Remote Sensing Data: A Case Study of Zhuhai City. <i>Remote Sensing</i> , 2023, 15, 5155.	4.0	0
416	Monitoring land subsidence induced by tectonic activity and groundwater extraction in the eastern Gediz River Basin (Trkiye) using Sentinel-1 observations. <i>Engineering Geology</i> , 2023, 327, 107343.	6.3	1
417	Assessing the Impacts of Groundwater Depletion and Aquifer Degradation on Land Subsidence in Lahore, Pakistan: A PS-InSAR Approach for Sustainable Urban Development. <i>Remote Sensing</i> , 2023, 15, 5418.	4.0	2
418	Country-scale assessment of urban areas, population, and households exposed to land subsidence using Sentinel-1 InSAR, and GPS time series. <i>Natural Hazards</i> , 0, , .	3.4	0
419	Reconnaissance to characterisation of land subsidence due to groundwater overdraft and oil extraction in and around Mehsana City, Gujarat, India by long-term hybrid differential interferometric SAR technique. <i>Journal of Hydrology</i> , 2023, 627, 130441.	5.4	1
420	Land subsidence studies in the Godavari Delta regions of the East coast of India using ALOS and Sentinel 1 data. <i>Ecological Informatics</i> , 2023, 78, 102373.	5.2	0
421	Investigating the behavior of an expansive soil slope in critical linear infrastructure in China using multi-temporal InSAR. <i>Frontiers in Environmental Science</i> , 0, 11, .	3.3	0
422	Activeâ€Passive Remote Sensing Evaluation of Ecological Environment Quality in Juye Mining Area, China. <i>Remote Sensing</i> , 2023, 15, 5750.	4.0	0
423	Machine learning-based techniques for land subsidence simulation in an urban area. <i>Journal of Environmental Management</i> , 2024, 352, 120078.	7.8	2
424	Monitoring land subsidence in the Peshawar District, Pakistan, with a multi-track PS-InSAR technique. <i>Environmental Science and Pollution Research</i> , 2024, 31, 12271-12287.	5.3	0
425	Land subsidence susceptibility mapping: a new approach to improve decision stump classification (DSC) performance and combine it with four machine learning algorithms. <i>Environmental Science and Pollution Research</i> , 2024, 31, 15443-15466.	5.3	1
426	Land subsidence in Beijing: response to the joint influence of the South-to-North Water Diversion Project and ecological water replenishment, observed by satellite radar interferometry. <i>GIScience and Remote Sensing</i> , 2024, 61, .	5.9	0
427	Unveiling the Global Extent of Land Subsidence: The Sinking Crisis. <i>Geophysical Research Letters</i> , 2024, 51, .	4.0	0
428	Estimating urban land subsidence with satellite data using a spatially multiscale geographically weighted regression approach. <i>Measurement: Journal of the International Measurement Confederation</i> , 2024, 228, 114387.	5.0	0