Land uplift due to subsurface fluid injection

Journal of Geodynamics 51, 1-16 DOI: 10.1016/j.jog.2010.06.001

Citation Report

#	Article	IF	CITATIONS
1	Geomechanical issues of anthropogenic CO2 sequestration in exploited gas fields. Energy Conversion and Management, 2010, 51, 1918-1928.	9.2	69
2	Anthropogenic Venice uplift by seawater pumping into a heterogeneous aquifer system. Water Resources Research, 2010, 46, .	4.2	29
3	A new hydrogeologic model to predict anthropogenic uplift of Venice. Water Resources Research, 2011, 47, .	4.2	14
4	Geomechanical modeling for InSAR-derived surface deformation at steam-injection oil sand fields. Journal of Petroleum Science and Engineering, 2012, 96-97, 152-161.	4.2	19
5	The Geomechanics of CO2 Storage in Deep Sedimentary Formations. Geotechnical and Geological Engineering, 2012, 30, 525-551.	1.7	496
6	Analysis of pavement response to subsurface deformations. Computers and Geotechnics, 2013, 50, 79-88.	4.7	9
7	Geological CO ₂ sequestration in multiâ€compartment reservoirs: Geomechanical challenges. Journal of Geophysical Research: Solid Earth, 2013, 118, 2417-2428.	3.4	38
8	Monitoring deformation at the Geysers Geothermal Field, California using Câ€band and Xâ€band interferometric synthetic aperture radar. Geophysical Research Letters, 2013, 40, 2567-2572.	4.0	50
9	II cycle compressibility from satellite measurements. Geotechnique, 2013, 63, 479-486.	4.0	22
10	Modeling of fast ground subsidence observed in southern Saskatchewan (Canada) during 2008–2011. Natural Hazards and Earth System Sciences, 2014, 14, 247-257.	3.6	35
11	How Horizontal Surface Deformation during Fluid Injection Correlates to Reservoir Permeability Setting. Environmental and Engineering Geoscience, 2014, 20, 305-320.	0.9	6
12	3D geomechanical modeling for CO2 geological storage in faulted formations. A case study in an offshore northern Adriatic reservoir, Italy. International Journal of Greenhouse Gas Control, 2014, 22, 63-76.	4.6	37
13	Deformation characteristics of a clayey interbed during fluid injection. Engineering Geology, 2014, 183, 185-192.	6.3	28
14	Joint inversion in coupled quasi-static poroelasticity. Journal of Geophysical Research: Solid Earth, 2014, 119, 1425-1445.	3.4	20
15	Lithology-controlled subsidence and seasonal aquifer response in the Bandung basin, Indonesia, observed by synthetic aperture radar interferometry. International Journal of Applied Earth Observation and Geoinformation, 2014, 32, 199-207.	2.8	9
16	Selecting Optimal RADARSAT Constellation Mission Beams for Monitoring Ground Deformation in Alberta's Oil Sands. Canadian Journal of Remote Sensing, 2015, 41, 390-400.	2.4	5
17	Geomechanics of subsurface water withdrawal and injection. Water Resources Research, 2015, 51, 3922-3955.	4.2	103
18	Land subsidence due to groundwater withdrawal in the northern Beijing plain, China. Engineering Geology, 2015, 193, 243-255.	6.3	220

		INLPORT	
#	Article	IF	Citations
19	Subsidence above depleted gas fields. Engineering Computations, 2015, 32, 863-884.	1.4	4
20	Coupling of thermal-hydraulic-mechanical processes for geothermal reservoir modelling. Journal of Earth Science (Wuhan, China), 2015, 26, 47-52.	3.2	5
21	Ground subsidence due to uniform fluid extraction over a circular region within an aquifer. Advances in Water Resources, 2015, 78, 50-59.	3.8	19
22	The Northwest Geysers EGS Demonstration Project, California: Pre-stimulation Modeling and Interpretation of the Stimulation. Mathematical Geosciences, 2015, 47, 3-29.	2.4	67
23	Coupled multiphase thermo-hydro-mechanical analysis of supercritical CO 2 injection: Benchmark for the In Salah surface uplift problem. International Journal of Greenhouse Gas Control, 2016, 51, 394-408.	4.6	35
24	The Northwest Geysers EGS Demonstration Project, California – Part 2: Modeling and interpretation. Geothermics, 2016, 63, 120-138.	3.4	51
25	Detecting land uplift associated with enhanced oil recovery using InSAR in the Karamay oil field, Xinjiang, China. International Journal of Remote Sensing, 2016, 37, 1527-1540.	2.9	19
26	Estimation of the surface uplift due to fluid injection into a reservoir with a clayey interbed. Computers and Geotechnics, 2017, 87, 198-211.	4.7	10
27	A fully coupled numerical modeling to investigate the role of rock thermo-mechanical properties on reservoir uplifting in steam assisted gravity drainage. Arabian Journal of Geosciences, 2017, 10, 1.	1.3	3
28	Land rebound after banning deep groundwater extraction in Changzhou, China. Engineering Geology, 2017, 229, 13-20.	6.3	12
29	Geophysics From Terrestrial Timeâ€Variable Gravity Measurements. Reviews of Geophysics, 2017, 55, 938-992.	23.0	157
30	Multidimensional Small Baseline Subset (MSBAS) for Two-Dimensional Deformation Analysis: Case Study Mexico City. Canadian Journal of Remote Sensing, 2017, 43, 318-329.	2.4	71
31	A Study of Ground Movements in Brussels (Belgium) Monitored by Persistent Scatterer Interferometry over a 25-Year Period. Geosciences (Switzerland), 2017, 7, 115.	2.2	8
32	Association between localized geohazards in West Texas and human activities, recognized by Sentinel-1A/B satellite radar imagery. Scientific Reports, 2018, 8, 4727.	3.3	30
33	Lithospheric thermal evolution and dynamic mechanism of destruction of the North China Craton. International Journal of Earth Sciences, 2018, 107, 1305-1319.	1.8	2
34	Field-data analysis and hydromechanical modeling of CO2 storage at In Salah, Algeria. International Journal of Greenhouse Gas Control, 2018, 79, 61-72.	4.6	15
35	Land uplift induced by injection: a feasible method to evaluate the security of CO2 capture and sequestration projects. Environmental Earth Sciences, 2018, 77, 1.	2.7	3
36	Can we use surface uplift data for reservoir performance monitoring? A case study from In Salah, Algeria. International Journal of Greenhouse Gas Control, 2018, 76, 200-207.	4.6	22

#	Article	IF	CITATIONS
37	Persistent Scatterer Analysis Using Dual-Polarization Sentinel-1 Data: Contribution From VH Channel. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 3105-3112.	4.9	21
38	Ground Deformation Revealed by Sentinel-1 MSBAS-InSAR Time-Series over Karamay Oilfield, China. Remote Sensing, 2019, 11, 2027.	4.0	19
39	Facilitating sustainable geo-resources exploitation: A review of environmental and geological risks of fluid injection into hydrocarbon reservoirs. Earth-Science Reviews, 2019, 194, 455-471.	9.1	13
40	Sequential InSAR Time Series Deformation Monitoring of Land Subsidence and Rebound in Xi'an, China. Remote Sensing, 2019, 11, 2854.	4.0	18
41	Coupled ground uplift and groundwater rebound in the metropolitan city of Naples (southern Italy). Journal of Hydrology, 2019, 569, 470-482.	5.4	27
42	Threeâ€Dimensional Numerical Investigation of Pore Water Pressure and Deformation of Pumped Aquifer Systems. Ground Water, 2020, 58, 278-290.	1.3	10
43	Coastal Dam Inundation Assessment for the Yellow River Delta: Measurements, Analysis and Scenario. Remote Sensing, 2020, 12, 3658.	4.0	24
44	Effects of Water Diversion Project on groundwater system and land subsidence in Beijing, China. Engineering Geology, 2020, 276, 105763.	6.3	22
45	A three-dimensional stratigraphic model of the Mississippi River Delta, USA: implications for river deltaic hydrogeology. Hydrogeology Journal, 2020, 28, 2341-2358.	2.1	2
46	Subsidence associated with oil extraction, measured from time series analysis of Sentinel-1 data: case study of the Patos-Marinza oil field, Albania. Solid Earth, 2020, 11, 363-378.	2.8	13
47	Simulating the transport of brine in the strata of bedded salt cavern storage with a fluid–solid coupling model. Engineering Geology, 2020, 271, 105595.	6.3	11
48	Numerical assessment of compressed air injection for mitigating seawater intrusion in a coastal unconfined aquifer. Journal of Hydrology, 2021, 595, 125964.	5.4	11
49	Recent advancements in multi-temporal methods applied to new generation SAR systems and applications in South America. Journal of South American Earth Sciences, 2021, 111, 103410.	1.4	10
50	Distributed Fiber Optic Strain Sensing for Geomechanical Monitoring: Insights from Field Measurements of Ground Surface Deformation. Geosciences (Switzerland), 2021, 11, 285.	2.2	3
51	Anisotropic borehole response from pressuremeter testing in deep clay shale formations. Canadian Geotechnical Journal, 2021, 58, 1159-1179.	2.8	5
52	Geologic CO2 Storage Optimization under Geomechanical Risk Using Coupled-Physics Models. International Journal of Greenhouse Gas Control, 2021, 110, 103385.	4.6	19
53	Numerical investigation of slippage characteristics of normal and reverse faults under fluid injection and production. Environmental Earth Sciences, 2017, 76, 1.	2.7	5
54	Measuring, modelling and projecting coastal land subsidence. Nature Reviews Earth & Environment, 2021, 2, 40-58.	29.7	118

#	Article	IF	CITATIONS
56	First Results of Time Series Analysis of the Permanent GNSS Observations at Polish EPN Stations Using GipsyX Software. Artificial Satellites, 2021, 56, 101-118.	0.6	4
57	A Fast Screening Tool for Assessing the Impact of Poro-Mechanics on Fractured Reservoirs Using Dual-Porosity Flow Diagnostics. , 2021, , .		0
59	Modeling of Subsurface CO2 Migration at Geological Carbon Sequestration Sites in Deep Saline Aquifers. , 2015, , 791-840.		0
60	Modelling of Hydro-Mechanical Coupling in Land Uplift Due to Groundwater Recharge. Sustainable Civil Infrastructures, 2019, , 63-76.	0.2	0
61	Cracks in Saturated Porous Media: Desiccation Cracks, Hydraulic Fracturing, and Microseismicity. , 2019, , 553-680.		0
62	Energy Production Landscape and Fluid Injections in Energy-Related Activities. , 2019, , 1-34.		0
63	Land subsidence and rebound in the Taiyuan basin, northern China, in the context of inter-basin water transfer and groundwater management. Remote Sensing of Environment, 2022, 269, 112792.	11.0	30
64	A Simple Relation to Constrain Groundwater Models Using Surface Deformation. Ground Water, 2022, 60, 410-417.	1.3	2
65	An overview on flooding induced uplift for abandoned coal mines. International Journal of Rock Mechanics and Minings Sciences, 2021, 148, 104955.	5.8	12
66	Unraveling elastic and inelastic storage of aquifer systems by integrating fast independent component analysis and a variable preconsolidation head decomposition method. Journal of Hydrology, 2022, 606, 127420.	5.4	5
67	Analysis of Spatiotemporal Land Subsidence Patterns of Suzhou City, China, over the Past 15Âyears Based on Multisource SAR Data. Journal of the Indian Society of Remote Sensing, 0, , 1.	2.4	0
68	Application of an improved multi-temporal InSAR method and forward geophysical model to document subsidence and rebound of the Chinese Loess Plateau following land reclamation in the Yan'an New District. Remote Sensing of Environment, 2022, 279, 113102.	11.0	14
69	Progress Toward Pilot-Scale Simulation of In-Situ Combustion Incorporating Geomechanics. SPE Reservoir Evaluation and Engineering, 2023, 26, 152-166.	1.8	2
70	Formation Uplift Analysis During Geological CO ₂ -Storage Using the Gaussian Pressure Transient Method: Krechba (Algeria) Validation and South Korean Case Studies. SSRN Electronic Journal, 0, , .	0.4	0
71	An evaluation method of rock pore volume compressibility determination using a computed tomography scanned-based finite element model. Acta Geophysica, 2023, 71, 147-159.	2.0	2
72	Poro-Mechanical Coupling for Flow Diagnostics. Transport in Porous Media, 2022, 145, 389-411.	2.6	1
73	In-situ loading experiments reveal how the subsurface affects coastal marsh survival. Communications Earth & Environment, 2022, 3, .	6.8	6
74	Formation uplift analysis during geological CO2-Storage using the Gaussian pressure transient method: Krechba (Algeria) validation and South Korean case studies. , 2023, 221, 211404.		1

#	Article	IF	CITATIONS
75	A Review of CCUS in the Context of Foams, Regulatory Frameworks and Monitoring. Energies, 2023, 16, 3284.	3.1	2
76	Development of complex patterns of anthropogenic uplift and subsidence in the Delaware Basin of West Texas and southeast New Mexico, USA. Science of the Total Environment, 2023, 903, 166367.	8.0	1
77	Numerical Simulation of Artificial Recharge Groundwater Effect on Overlying Soft Clay Compression Control. Advances in Civil Engineering, 2023, 2023, 1-10.	0.7	0
78	Surface Deformation and Seismicity Linked to Fluid Injection in the Raton Basin. Ground Water, 0, , .	1.3	0
79	Variations in Subsidence Patterns in the Gulf of Mexico Passive Margin From Airborneâ€LiDAR Data and Time Series InSAR: Baton Rouge Case Study. Journal of Geophysical Research F: Earth Surface, 2024, 129,	2.8	0
80	Integrating SBAS-InSAR and Random Forest for Identifying and Controlling Land Subsidence and Uplift in a Multi-Layered Porous System of North China Plain. Remote Sensing, 2024, 16, 830.	4.0	Ο