

A Comparison of Self-Potential Tomography with Electrical Detection of Abandoned Mineshafts

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Optimization of Array Configurations and Panel Combinations for the Detection and Imaging of Abandoned Mineshafts using 3D Cross-Hole Electrical Resistivity Tomography. <i>Journal of Environmental and Engineering Geophysics</i> , 2006, 11, 213-221.	1.0	42
2	Mineshaft imaging using surface and crosshole 3D electrical resistivity tomography: A case history from the East Pennine Coalfield, UK. <i>Journal of Applied Geophysics</i> , 2007, 62, 324-337.	0.9	54
3	Comment on "Self-potential signals associated with preferential groundwater flow pathways in sinkholes" by A. Jardani, J. P. Dupont, and A. Revil. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	14
4	Geophysical characterization of derelict coalmine workings and mineshaft detection: a case study from Shrewsbury, United Kingdom. <i>Near Surface Geophysics</i> , 2008, 6, 185-194.	0.6	13
5	Electrical Resistivity Imaging technique to delineate coal seam barrier thickness and demarcate water filled voids. <i>Journal of the Geological Society of India</i> , 2009, 73, 639-650.	0.5	28
6	Dipolar self-potential anomaly associated with carbon dioxide and radon flux at Syabru-Bensi hot springs in central Nepal. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	39
7	Three-dimensional geophysical anatomy of an active landslide in Lias Group mudrocks, Cleveland Basin, UK. <i>Geomorphology</i> , 2011, 125, 472-484.	1.1	132
8	Geophysical and intrusive site investigations to detect an abandoned coal-mine access shaft, Apedale, Staffordshire, UK. <i>Near Surface Geophysics</i> , 2011, 9, 483-496.	0.6	20
9	Long-term time-lapse microgravity and geotechnical monitoring of relict salt mines, Marston, Cheshire, U. K.. <i>Geophysics</i> , 2012, 77, B287-B294.	1.4	19
10	River terrace sand and gravel deposit reserve estimation using three-dimensional electrical resistivity tomography for bedrock surface detection. <i>Journal of Applied Geophysics</i> , 2013, 93, 25-32.	0.9	43
11	Recent developments in the direct-current geoelectrical imaging method. <i>Journal of Applied Geophysics</i> , 2013, 95, 135-156.	0.9	681
12	Interpretation of self-potential anomaly over idealized bodies and analysis of ambiguity using very fast simulated annealing global optimization technique. <i>Near Surface Geophysics</i> , 2015, 13, 179-195.	0.6	52
13	Evaluation of coal seam hydraulic fracturing using the direct current method. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2015, 78, 230-239.	2.6	28
14	Statistical Analysis of Resistivity Anomalies Caused by Underground Caves. <i>Pure and Applied Geophysics</i> , 2017, 174, 997-1012.	0.8	9
15	Spatio-temporal evolution of apparent resistivity during coal-seam hydraulic flushing. <i>Journal of Geophysics and Engineering</i> , 2018, 15, 707-717.	0.7	11
16	Determination of hydraulic flushing impact range by DC resistivity test method. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2018, 107, 127-135.	2.6	20
17	On studying flow through a fracture using self-potential anomaly: application to shallow aquifer recharge at Vilarelho da Raia, northern Portugal. <i>Acta Geodaetica Et Geophysica</i> , 2019, 54, 225-242.	0.7	7
18	Review of Geophysical Exploration on Mined-out Areas and Water Abundance. <i>Journal of Environmental and Engineering Geophysics</i> , 2019, 24, 129-143.	1.0	12

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19	Water Seepage Mapping in an Underground Coal-Mine Barrier Using Self-potential and Electrical Resistivity Tomography. <i>Mine Water and the Environment</i> , 2021, 40, 622-638.	0.9	12
20	Identification of buried historical mineshaft using ground-penetrating radar. <i>Engineering Geology</i> , 2021, 294, 106400.	2.9	9
22	Geophysical Methods. <i>Encyclopedia of Earth Sciences Series</i> , 2018, , 398-406.	0.1	1
23	Recent Trend in Electrical Resistivity Method. <i>Journal of the Korean Society of Mineral and Energy Resources Engineers</i> , 2020, 57, 506-526.	0.1	1
24	Towards the development of an automated electrical self-potential sensor of melt and rainwater flow in snow. <i>Journal of Glaciology</i> , 0, , 1-13.	1.1	1