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## Probabilistic identification of underground soil stratification using cone penetration tests

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#	Paper	IF	Citations
97	Joint states of information from different probabilistic geo-profile reconstruction methods. <i>Georisk</i> , <b>2014</b> , 8, 171-191	1.9	5
96	Bayesian identification of soil strata in London clay. <i>Geotechnique</i> , <b>2014</b> , 64, 239-246	3.4	45
95	Bayesian identification of soil strata in London Clay. <i>Geotechnique</i> , <b>2014</b> , 64, 1014-1016	3.4	
94	Bayesian inverse analysis for geotechnical site characterisation using cone penetration test. <i>International Journal of Reliability and Safety</i> , <b>2014</b> , 8, 97	0.9	2
93	Cone penetration test (CPT)-based stratigraphic profiling using the wavelet transform modulus maxima method. <i>Canadian Geotechnical Journal</i> , <b>2015</b> , 52, 1993-2007	3.2	40
92	Risk-based characterisation of an urban building site. <i>Georisk</i> , <b>2015</b> , 9, 49-56	1.9	5
91	Study of the attenuation relationship for the Wenchuan M s 8.0 earthquake. <i>Earthquake Engineering and Engineering Vibration</i> , <b>2015</b> , 14, 1-11	2	15
90	Predictive model for uniaxial compressive strength for Grade III granitic rocks from Macao. <i>Engineering Geology</i> , <b>2015</b> , 199, 28-37	6	27
89	Estimation of deformation modulus of rock masses based on Bayesian model selection and Bayesian updating approach. <i>Engineering Geology</i> , <b>2015</b> , 199, 19-27	6	32
88	Bayesian updating for one-dimensional consolidation measurements. <i>Canadian Geotechnical Journal</i> , <b>2015</b> , 52, 1318-1330	3.2	27
87	Site-specific probability distribution of geotechnical properties. <i>Computers and Geotechnics</i> , <b>2015</b> , 70, 159-168	4.4	57
86	Probabilistic identification of soil stratification. <i>Geotechnique</i> , <b>2015</b> , 1-11	3.4	
85	Cone penetration data classification with Bayesian Mixture Analysis. <i>Georisk</i> , <b>2016</b> , 10, 27-41	1.9	11
84	Bayesian approach for probabilistic site characterization assimilating borehole experiments and Cone Penetration Tests. <i>Engineering Geology</i> , <b>2016</b> , 207, 1-13	6	11
83	Evaluating Variability and Uncertainty of Geological Strength Index at a Specific Site. <i>Rock Mechanics and Rock Engineering</i> , <b>2016</b> , 49, 3559-3573	5.7	30
82	Probabilistic identification of soil stratification. <i>Geotechnique</i> , <b>2016</b> , 66, 16-26	3.4	55
81	Chapter 3 Uncertainty representation of geotechnical design parameters. <b>2016</b> , 49-88		13

80	Interpretation of soil property profile from limited measurement data: a compressive sampling perspective. <i>Canadian Geotechnical Journal</i> , <b>2016</b> , 53, 1547-1559	3.2	52
79	Nonparametric Estimation of Undrained Shear Strength for Normally Consolidated Clays. <i>Marine Georesources and Geotechnology</i> , <b>2016</b> , 34, 127-137	2.2	7
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