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## Probabilistic Analysis of Soil Consolidation via Prefabricated Vertical Drains

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International Journal of Geomechanics, 2013, 13, 877-881.

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#	Paper	IF	Citations
25	Three-dimensional finite element analysis of spatially variable PVD improved ground. <i>Georisk</i> , <b>2015</b> , 9, 37-48	1.9	5
24	Optimal Layout of Prefabricated Vertical Drains. <i>International Journal of Geomechanics</i> , <b>2015</b> , 15, 06014020	3.2	8
23	Probabilistic analyses of soil consolidation by prefabricated vertical drains for single-drain and multi-drain systems. <i>International Journal for Numerical and Analytical Methods in Geomechanics</i> , <b>2016</b> , 40, 2398-2420	4	4
22	Experimental and Numerical Investigations to Evaluate Two-Dimensional Modeling of Vertical Drain-Assisted Preloading. <i>International Journal of Geomechanics</i> , <b>2016</b> , 16,	3.1	24
21	Effect of Clogging on Rate of Consolidation of Stone Column-Improved Ground by Considering Particle Migration. <i>International Journal of Geomechanics</i> , <b>2016</b> , 16, 04015017	3.1	21
20	Rate of consolidation of stone column-improved ground considering change in permeability and compressibility during consolidation. <i>Applied Mathematical Modelling</i> , <b>2017</b> , 48, 548-566	4.5	12
19	Uncertainty Quantification of Transient Unsaturated Seepage through Embankment Dams. <i>International Journal of Geomechanics</i> , <b>2017</b> , 17, 04016125	3.1	15
18	Rate of Consolidation of Stone Column-Improved Ground Considering Variable Permeability and Compressibility in Smear Zone. <i>International Journal of Geomechanics</i> , <b>2017</b> , 17, 04016128	3.1	16
17	Stochastic Investigation of Consolidation Process in Spatially Correlated Heterogeneous Soils. <i>Applied Sciences (Switzerland)</i> , <b>2017</b> , 7, 949	2.6	
16	Assessment of Core-Filter Configuration Performance of Rock-Fill Dams under Uncertainties. <i>International Journal of Geomechanics</i> , <b>2018</b> , 18, 06018006	3.1	4
15	Statistical Evaluation of the Load-Settlement Response of a Multicolumn Composite Foundation. <i>International Journal of Geomechanics</i> , <b>2018</b> , 18, 04018015	3.1	13
14	Stochastic Thermal-Mechanical Characteristics of Frozen Soil Foundation for a Transmission Line Tower in Permafrost Regions. <i>International Journal of Geomechanics</i> , <b>2018</b> , 18, 06017025	3.1	2
13	Effect of Stiffness of Stone Column on Drainage Capacity during Soil Liquefaction. <i>International Journal of Geomechanics</i> , <b>2018</b> , 18, 04018003	3.1	8
12	Reliability Analysis of Stone Column Improved Soft Soil by Finite Element Approach. <i>Sustainable Civil Infrastructures</i> , <b>2019</b> , 39-50	0.2	1
11	Use of Soil-ement Bed to Improve Bearing Capacity of Stone Columns. <i>International Journal of Geomechanics</i> , <b>2020</b> , 20, 06020008	3.1	5
10	Probabilistic observational method for design of surcharges on vertical drains. <i>Geotechnique</i> , <b>2021</b> , 1-13	3.4	2
9	Preliminary Design of Prefabricated Vertical Drains-Embedded Soft Soils in the Field: An Example. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 155-164	0.3	

8	Filtration performance of geotextile encasement to minimize the clogging of stone column during soil liquefaction. <i>Geotextiles and Geomembranes</i> , <b>2021</b> , 49, 771-788	5.2	2
7	Effect of Spatial Variability of Cement-Treated Soil on the Roughness of Airport Pavement. <i>International Journal of Pavement Research and Technology</i> , 1	2	
6	Consolidation of unsaturated soil by vertical drain considering smear and well resistance. <i>Geosynthetics International</i> , 1-32	3.3	1
5	Probability-based design charts for stone column-improved ground. <i>Geomechanics and Engineering</i> , <b>2014</b> , 7, 539-552		1
4	Probabilistic Performance Analysis of Prefabricated Vertical Drains on Soft Soils. <i>Lecture Notes in Civil Engineering</i> , <b>2021</b> , 443-449	0.3	
3	An Approach of Seepage Analysis Through Earth Dams Considering the Uncertainties of Soil Hydraulic Conductivity. <b>2023</b> , 1019-1027		0
2	Uncertainty-Based Seepage Analysis Through Different Types of Earth Dams. <b>2023</b> , 1057-1065		0
1	Filtration Capability of Geotextile Encasement to Minimize the Clogging of Stone Column During Consolidation. <b>2023</b> , 23,		0