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Simplified Method for Consolidation Rate of Stone Column Reinforced Foundations

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#	Paper	IF	Citations
240	State-of-Practice Review of Deep Soil Mixing Techniques in China. 2002 , 1808, 49-57		38
239	A Theoretical Solution for Consolidation Rates of Stone Column-Reinforced Foundations Accounting for Smear and Well Resistance Effects. <i>International Journal of Geomechanics</i> , 2002 , 2, 135-	·13T	100
238	Numerical Analysis of Geosynthetic-Reinforced and Pile-Supported Earth Platforms over Soft Soil. Journal of Geotechnical and Geoenvironmental Engineering - ASCE, 2002, 128, 44-53	3.4	372
237	Design of Short Aggregate Piers to Support Highway Embankments. 2004 , 1868, 103-112		7
236	Mitigation of liquefaction and associated ground deformations by stone columns. 2004 , 72, 275-291		105
235	Compression/tension load capacity of stone column anchors. 2006 , 159, 161-165		6
234	Design Charts for Piles Supporting Embankments on Soft Clay. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2007 , 133, 493-501	3.4	20
233	Comparative Study on the Behavior of Encased Stone Column and Conventional Stone Column. 2007 , 47, 873-885		97
232	Behavior of Stone Columns Based on Experimental and FEM Analysis. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2007 , 133, 405-415	3.4	228
231	Performance of a Geogrid-Reinforced and Pile-Supported Highway Embankment over Soft Clay: Case Study. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2007 , 133, 1483-1493	3.4	212
230	Two-Dimensional Physical and Numerical Modeling of a Pile-Supported Earth Platform over Soft Soil. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2007 , 133, 295-305	3.4	92
229	Generalized Model for Geosynthetic-Reinforced Granular Fill-Soft Soil with Stone Columns. <i>International Journal of Geomechanics</i> , 2007 , 7, 266-276	3.1	70
228	Effect of Inter-Column Spacing on Soil Stresses due to Vibro-Installed Stone Columns: Interesting Findings. 2008 , 26, 225-236		29
227	Modeling of granular bed-stone column-improved soft soil. 2008 , 32, 1267-1288		40
226	Response of multilayer geosynthetic-reinforced bed resting on soft soil with stone columns. <i>Computers and Geotechnics</i> , 2008 , 35, 323-330	4.4	39
225	Simplified Plane-Strain Modeling of Stone-Column Reinforced Ground. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2008 , 134, 185-194	3.4	104
224	Performance of gravity caisson on sand compaction piles. 2008 , 45, 393-407		

(2010-2008)

223	Consolidation of a Double-Layered Compressible Foundation Partially Penetrated by Deep Mixed Columns. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2008 , 134, 1210-1214	3.4	24
222	A combined DJM-PVD method for soft ground improvement. <i>Geosynthetics International</i> , 2008 , 15, 43-5	54 .3	26
221	A review of field performance of stone columns in soft soils. 2009 , 162, 323-334		62
220	Consolidation around stone columns. Influence of column deformation. 2009 , 33, 851-877		103
219	Equal strain consolidation for stone columns reinforced foundation. 2009 , 33, 1721-1735		47
218	A general theoretical solution for the consolidation of a composite foundation. <i>Computers and Geotechnics</i> , 2009 , 36, 24-30	4.4	43
217	Behavior of single rammed aggregate piers considering installation effects. <i>Computers and Geotechnics</i> , 2009 , 36, 1191-1199	4.4	24
216	Three-Dimensional Numerical Modeling of a Piled Embankment. <i>International Journal of Geomechanics</i> , 2009 , 9, 102-112	3.1	81
215	Multiphase Constitutive Model for the Design of Piled-Embankments: Comparison with Three-Dimensional Numerical Simulations. <i>International Journal of Geomechanics</i> , 2009 , 9, 258-266	3.1	21
214	Coupled Mechanical and Hydraulic Modeling of Geosynthetic-Reinforced Column-Supported Embankments. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2009 , 135, 1011-1021	3.4	91
213	Two-dimensional parametric study of geosynthetic-reinforced column-supported embankments by coupled hydraulic and mechanical modeling. <i>Computers and Geotechnics</i> , 2010 , 37, 638-648	4.4	66
212	Axi-symmetric Analysis of Geosynthetic-reinforced Granular Fill-soft Soil System with Group of Stone Columns. 2010 , 28, 177-186		11
211	A mathematical model to study the soil arching effect in stone column-supported embankment resting on soft foundation soil. 2010 , 34, 3871-3883		71
210	Structural Behavior of a Pile-Supported Embankment. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010 , 136, 26-34	3.4	30
209	Extensible geosynthetics and stone-column-reinforced soil. 2010 , 163, 231-236		10
208	Field Tests on Pile-Supported Embankments over Soft Ground. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2010 , 136, 777-785	3.4	99
207	Consolidation theory for a composite foundation considering radial and vertical flows within the column and the variation of soil permeability within the disturbed soil zone. 2010 , 47, 207-217		45
206	Nonlinear response of footings on granular bed-stone column-reinforced poor soil. 2010 , 4, 435-443		13

205	Nonlinear analysis of footings on granular bed\(\begin{align*}\) tone column improved soft soil. \(\textit{Geomechanics and Geoengineering, } \) 2011 , 6, 185-194	1.4	3
204	Laboratory study on radial consolidation and deformation in clay reinforced with stone columns. 2011 , 48, 36-52		37
203	Performance of Cement-Fly Ash-Gravel Pile-Supported High-Speed Railway Embankments over Soft Marine Clay. 2011 , 29, 145-161		34
202	Performance of Stone Columns in Soft Clay: Numerical Evaluation. 2011 , 29, 675-684		27
201	Two-dimensional deep-seated slope stability analysis of embankments over stone column-improved soft clay. 2011 , 120, 103-110		90
200	Optimum design of stone column-improved soft soil using multiobjective optimization technique. <i>Computers and Geotechnics</i> , 2011 , 38, 50-57	4.4	18
199	Consolidation and deformation around stone columns: Numerical evaluation of analytical solutions. <i>Computers and Geotechnics</i> , 2011 , 38, 354-362	4.4	37
198	Investigation of Load-Transfer Mechanisms in Geotechnical Earth Structures with Thin Fill Platforms Reinforced by Rigid Inclusions. <i>International Journal of Geomechanics</i> , 2011 , 11, 239-250	3.1	29
197	Nonlinear Consolidation Analysis of Soil-Cement Pile. 2011 , 94-96, 504-509		
196	Numerical Study of Stone Column Reinforced Composite Foundation of Highway under Static and Seismic Load. 2012 , 602-604, 1526-1531		
195	Generalized model for footings on geosynthetic-reinforced granular fill-stone column improved soft soil system. 2012 , 6, 403-414		7
194	Consolidation of composite foundation improved by geosynthetic-encased stone columns. <i>Geotextiles and Geomembranes</i> , 2012 , 32, 10-17	5.2	41
193	Settlement evaluation of soft clay reinforced with stone columns using the equivalent secant modulus. 2012 , 5, 103-109		16
192	Consolidation of a composite foundation with soildement columns and prefabricated vertical drains. 2012 , 71, 87-98		22
191	Numerical modelling of the improvements to primary and creep settlements offered by granular columns. <i>Acta Geotechnica</i> , 2013 , 8, 447-464	4.9	28
190	Numerical Solution of Stone ColumnImproved Soft Soil Considering Arching, Clogging, and Smear Effects. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2013 , 139, 377-394	3.4	72
189	A Critical Review of Construction, Analysis and Behaviour of Stone Columns. 2013 , 31, 1-22		37
188	Semi-analytical solution of consolidation for composite ground. 2013 , 48, 24-31		3

(2015-2013)

187	Performance Evaluation of an Embankment on Soft Soil Improved by Deep Mixed Columns and Prefabricated Vertical Drains. 2013 , 27, 614-623		26
186	Numerical analysis of consolidation of soft soils fully-penetrated by deep-mixed columns. 2013 , 17, 96-1	05	23
185	Influence of elastic strains during plastic deformation of encased stone columns. <i>Geotextiles and Geomembranes</i> , 2013 , 37, 45-53	5.2	24
184	Consolidation and deformation around stone columns: Comparison of theoretical and laboratory results. <i>Computers and Geotechnics</i> , 2013 , 49, 326-337	4-4	28
183	Parameter Estimation for a System of Beams Resting on Stone Column R einforced Soft Soil. <i>International Journal of Geomechanics</i> , 2013 , 13, 222-233	3.1	11
182	Consolidation of Column-reinforced Soft Foundations under Embankments. 2013,		1
181	Comparison of Different Two-Dimensional Idealizations for a Geosynthetic-Reinforced Pile-Supported Embankment. <i>International Journal of Geomechanics</i> , 2013 , 13, 754-768	3.1	56
180	Behaviour of soft ground improved by conventional and geogrid-encased stone columns, based on FEM study. <i>Geosynthetics International</i> , 2013 , 20, 276-285	3.3	48
179	Centrifuge Modeling of a Pile-Supported Granular Earth-Platform. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2014 , 140, 04013015	3.4	27
178	Design and analyses of floating stone columns. 2014 , 54, 478-487		36
177	Improvement of soft clay using installation of geosynthetic-encased stone columns: numerical study. 2014 , 7, 597-607		11
176	Numerical analysis of a pileBlab-supported railway embankment. <i>Acta Geotechnica</i> , 2014 , 9, 499-511	4.9	24
175	Appraising stone column settlement prediction methods using finite element analyses. <i>Acta Geotechnica</i> , 2014 , 9, 993-1011	4.9	17
174	Numerical investigation on factors for deep-seated slope stability of stone column-supported embankments over soft clay. 2014 , 168, 104-113		55
173	Full-Scale Tests on Embankments Founded on Piled Beams. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2014 , 140, 04014067	3.4	14
172	Consolidation of Soft Foundations Treated with Composite Columns. 2014,		2
171	Settlement performance of pad footings on soft clay supported by stone columns: A numerical study. 2014 , 54, 760-776		38
170	Simplified method for predicating consolidation settlement of soft ground improved by floating soil-cement column. 2015 , 22, 2699-2706		9

169	Influence of gravel density in the behaviour of soft soils improved with stone columns. 2015 , 52, 1968-198	80	22
168	Recent research and development of ground column technologies. 2015 , 168, 246-264		47
167	Behavior of Compacted Lime [(Well-graded) Soil columns: Large scale tests and numerical modelling. 2015 , 19, 893-903		4
166	Nonlinear radial consolidation of vertical drains under a general time-variable loading. 2015 , 39, 51-62		20
165	Stress Transfer Mechanism in 2D and 3D Unit Cell Models for Stone Column Improved Ground. 2015 , 1, 1		10
164	Nonlinear Behaviour of an Embankment on Floating Stone Columns. <i>Geomechanics and Geoengineering</i> , 2015 , 10, 30-44	4	9
163	Soil Arching in a Piled Embankment under Dynamic Load. <i>International Journal of Geomechanics</i> , 2015 , 15, 04014094	1	31
162	Theoretical and Numerical Perspectives on Performance of Stone-Column-Improved Soft Ground with Reference to Transport Infrastructure. 2015 , 751-795		4
161	Experimental and Numerical Studies on Response of the Stone Column in Layered Soil. 2015 , 1, 1		36
160	Geosynthetic-Reinforced Piled Embankments: Comparison of Numerical and Analytical Methods. <i>International Journal of Geomechanics</i> , 2015 , 15, 04014074	1	31
159	Engineering of ground with granular piles: a critical review. 2016 , 10, 337-357		7
158	Effects of geogrid encasement on lateral and vertical deformations of stone columns in model tests. <i>Geosynthetics International</i> , 2016 , 23, 100-112	3	50
157	Experimental and Numerical Analysis of Geosynthetic-Reinforced Floating Granular Piles in Soft Clays. 2016 , 2, 1		24
156	Analysis of the Behaviour of Stone Column Stabilized Soft Ground Supporting Transport Infrastructure. 2016 , 143, 347-354		11
155	Arching and Deformation in a Piled Embankment: Centrifuge Tests Compared to Analytical Calculations. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2016 , 142, 04016069	4	21
154	Two-Dimensional Numerical Analysis of the Subgrade Improved By Stone Columns in the Soft Soil Area. 2016 , 34, 79-86		1
153	Finite-Element Analysis on the Effect of Subsoil in Reinforced Piled Embankments and Comparison with Theoretical Method Predictions. <i>International Journal of Geomechanics</i> , 2016 , 16, 04016011	1	19
152	Experimental Analysis of Embankment on Ordinary and Encased Stone Columns. <i>International Journal of Geomechanics</i> , 2016 , 16, 04015102	1	52

151	Case Studies of Reinforced Piled High-Speed Railway Embankment over Soft Soils. <i>International Journal of Geomechanics</i> , 2016 , 16, 06015005	3.1	11
150	Modeling the Performance of Stone Column R einforced Soft Ground under Static and Cyclic Loads. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2016 , 142, 04015067	3.4	27
149	Effect of Clogging on Rate of Consolidation of Stone ColumnImproved Ground by Considering Particle Migration. <i>International Journal of Geomechanics</i> , 2016 , 16, 04015017	3.1	21
148	Response of Cylindrical Storage Tank Foundation Resting on Tensionless Stone Column-Improved Soil. <i>International Journal of Geomechanics</i> , 2017 , 17, 04016035	3.1	15
147	Modeling the Stone Column Behavior in Soft Ground with Special Emphasis on Lateral Deformation. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2017 , 143, 04017016	3.4	25
146	Performance of geosynthetic-reinforced granular piles in soft clays: Model tests and numerical analysis. <i>Computers and Geotechnics</i> , 2017 , 87, 178-187	4.4	26
145	Three-dimensional DEM analysis of single geogrid-encased stone columns under unconfined compression: a parametric study. <i>Acta Geotechnica</i> , 2017 , 12, 559-572	4.9	27
144	Analytical Solution for Reinforced Piled Embankments on Elastoplastic Consolidated Soil. <i>International Journal of Geomechanics</i> , 2017 , 17, 06017010	3.1	12
143	Rate of consolidation of stone column-improved ground considering change in permeability and compressibility during consolidation. 2017 , 48, 548-566		12
142	Analytical Solution for the Consolidation Behavior of Deep Cement Mixed ColumnImproved Ground. <i>International Journal of Geomechanics</i> , 2017 , 17, 04017065	3.1	9
141	Three-Dimensional Discrete-Element Method Analysis of Stresses and Deformations of a Single Geogrid-Encased Stone Column. <i>International Journal of Geomechanics</i> , 2017 , 17, 04017070	3.1	28
140	Undrained stability analysis of embankments supported on geosynthetic encased granular columns. <i>Geosynthetics International</i> , 2017 , 24, 465-479	3.3	22
139	Failure modes and bearing capacity of strip footings on soft ground reinforced by floating stone columns. <i>Acta Geotechnica</i> , 2017 , 12, 1089-1103	4.9	23
138	Numerical Evaluation of Consolidation of Soft Foundations Improved by SandDeep-Mixed Composite Columns. <i>International Journal of Geomechanics</i> , 2017 , 17, 04017034	3.1	2
137	Modeling of Stone Column-Supported Embankment Under Axi-Symmetric Condition. 2017, 35, 707-730		11
136	Progressive Development of Two-Dimensional Soil Arching with Displacement. <i>International Journal of Geomechanics</i> , 2017 , 17, 04017112	3.1	61
135	Analytical study for double-layer geosynthetic reinforced load transfer platform on column improved soft soil. <i>Geotextiles and Geomembranes</i> , 2017 , 45, 508-536	5.2	28
134	General Analytical Model for Consolidation of Stone Column R einforced Ground and Combined Composite Ground. <i>International Journal of Geomechanics</i> , 2017 , 17, 04016131	3.1	21

133	Rate of Consolidation of Stone ColumnImproved Ground Considering Variable Permeability and Compressibility in Smear Zone. <i>International Journal of Geomechanics</i> , 2017 , 17, 04016128	3.1	16
132	Fully coupled solution for the consolidation of poroelastic soil around elastoplastic stone column. <i>Acta Geotechnica</i> , 2017 , 12, 869-882	4.9	5
131	Consolidation of composite ground improved by granular columns with medium and high replacement ratio. 2017 , 57, 1088-1095		9
130	Modeling Stone Columns. 2017 , 10,		20
129	Behaviour of geosynthetic reinforced column supported embankments. 2018 , 16, 44-62		3
128	Road Engineering Field Tests on an Artificial Crust Layer Combined with Pre-Stressed Pipe Piles over Soft Ground. 2018 , 54, 402-408		3
127	Evolution of Soil Arching: 2D Analytical Models. <i>International Journal of Geomechanics</i> , 2018 , 18, 040180	056	20
126	Stone ColumnBtabilized Soft-Soil Performance Influenced by Clogging and Lateral Deformation: Laboratory and Numerical Evaluation. <i>International Journal of Geomechanics</i> , 2018 , 18, 04018058	3.1	20
125	Experimental and 3D Numerical Study on Time-Dependent Behavior of Stone ColumnBupported Embankments. <i>International Journal of Geomechanics</i> , 2018 , 18, 04018011	3.1	20
124	Failure and Remedy of Column-Supported Embankment: Case Study. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2018 , 144, 05017008	3.4	8
123	Effect of Stiffness of Stone Column on Drainage Capacity during Soil Liquefaction. <i>International Journal of Geomechanics</i> , 2018 , 18, 04018003	3.1	8
122	Experimental simulation and mathematical modelling of clogging in stone column. 2018 , 55, 427-436		18
121	One Dimensional Consolidation of Composite Foundation in Multilayered System. 2018 , 436-452		
120	3D Numerical Modeling of Foundation Solutions for Wind Turbines. <i>International Journal of Geomechanics</i> , 2018 , 18, 04018164	3.1	6
119	Performance of Geosynthetic-Reinforced and Pile-Supported Embankment with Consideration of Soil Arching. 2018 , 144, 06018005		16
118	Investigating the resonance compaction effect on laterally loaded piles in layered soil. 2018 , 246, 1-11		9
117	Interactive geotechnical design in karst and ex-mining ground in Malaysia. 2018, 5, 182-196		
116	Soil Reinforcement with Geosynthetic for Localized Subsidence Problems: Experimental and Analytical Analysis. <i>International Journal of Geomechanics</i> , 2018 , 18, 04018133	3.1	12

115	A Simplified Calculation Method for Stress Concentration Ratio of Composite Foundation with Rigid Piles. 2018 , 22, 3263-3270		8
114	Three-dimensional numerical analysis of individual geotextile-encased sand columns with surrounding loose sand. <i>Geotextiles and Geomembranes</i> , 2018 , 46, 836-847	5.2	23
113	Effect of elastoplastic stone columns on consolidation rate of soft soil. 2018 , 2, 511-516		
112	Simulation of Sequential Construction of Embankments on Reinforced Soft Clay Foundation. 2019 , 49, 224-231		5
111	Modern Geotechnical Practices. 2019 , 45-58		1
110	Effects of Clogging on Settlement Predictions of Ground Improved with Stone Columns. 2019 , 23, 3889-	3896	1
109	Settlement and Vertical Load Transfer in Column-Supported Embankments. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019 , 145, 04019083	3.4	18
108	Numerical study on static behaviour of a stone column under uniformly distributed load. 2019,		1
107	On the shear failure mode of granular column embedded unit cells subjected to static and cyclic shear loads. <i>Geotextiles and Geomembranes</i> , 2019 , 47, 193-202	5.2	18
106	Experimental Investigation of Soil Arching Mobilization and Degradation under Localized Surface Loading. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019 , 145, 04019114	3.4	21
105	3D Numerical Modeling of a Piled Embankment under Cyclic Loading. <i>International Journal of Geomechanics</i> , 2019 , 19, 04019010	3.1	18
104	Laboratory Study on Single Stone Columns Reinforced with Steel Bars and Discs. 2019 , 5, 1		5
103	Civil Engineering, 2019, 155-159	0.3	
102	Estimating Static and Dynamic Stresses in Geosynthetic-Reinforced Pile-Supported Track-Bed under Train Moving Loads. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2019 , 145, 04019029	3.4	28
101	Effect of fill properties on loadBettlement behaviour of granular columns in marine clays. 2019 , 172, 202-210		О
100	Response of stone column-improved ground under c-? soil embankment. 2019 , 59, 617-632		2
99	Optimization of calculation of the stress-strain state of a base reinforced with inert material. 2019 , 1425, 012167		
98	Effect of clogging of stone column on drainage capacity during soil liquefaction. 2019 , 59, 196-207		8

97	Centrifugal and numerical modeling of stiffened deep mixed column-supported embankment with slab over soft clay. 2019 , 56, 1418-1432		14
96	Discrete and Continuum Numerical Modeling of Soil Arching between Piles. <i>International Journal of Geomechanics</i> , 2019 , 19, 04018195	3.1	8
95	Consolidation of stone-columns-reinforced soft soils under haversine cyclic loadings. 2020 , 173, 116-12.	2	О
94	A quasi-equal strain solution for the consolidation of a rigid pile composite foundation under embankment loading condition. <i>Computers and Geotechnics</i> , 2020 , 117, 103232	4.4	5
93	Analytical solution for free strain consolidation of stone column-reinforced soft ground considering spatial variation of total stress and drain resistance. <i>Computers and Geotechnics</i> , 2020 , 118, 103291	4.4	8
92	Analytical modeling on consolidation of stiffened deep mixed column-reinforced soft soil under embankment. 2020 , 44, 137-158		4
91	Vertical cyclic loading response of geosynthetic-encased stone column in soft clay. <i>Geotextiles and Geomembranes</i> , 2020 , 48, 897-911	5.2	12
90	Simplified Model of Column-Supported Embankment to Account for Nonuniform Deformations of Soils. 2020 , 146, 04020060		2
89	Analytical solution for consolidation of combined composite foundation reinforced with penetrated impermeable columns and partially penetrated permeable stone columns. <i>Computers and Geotechnics</i> , 2020 , 124, 103606	4.4	5
88	Use of Soilflement Bed to Improve Bearing Capacity of Stone Columns. <i>International Journal of Geomechanics</i> , 2020 , 20, 06020008	3.1	5
87	Consolidation of unsaturated composite ground reinforced by permeable columns. <i>Computers and Geotechnics</i> , 2020 , 125, 103706	4.4	19
86	Bearing capacity of synthetic granular column enchased reinforcement geogrid on soft soil. 2020 , 419, 012041		
85	Experimental evaluation of stress concentration ratio of soft soil reinforced with stone column. 2020 , 5, 1		1
84	The stress and deformation of stone column-improved soft clay by discrete element modelling. 2020 , 1-17		3
83	Consolidation Analysis of Soft Ground Improved by Stone Columns Incorporating Foundation Stiffness. <i>International Journal of Geomechanics</i> , 2020 , 20, 04020067	3.1	2
82	Numerical evaluation of the behavior of ordinary and reinforced stone columns. 2020 , 25, 481-490		7
81	Effect of Stress Concentration Ratio on Shear Strength of Soft Soils Improved with Stone Columns. 2021 , 45, 315-334		2
80	Effect of granular piles with geotextile encasement on strength tests of expansive clays. 2021 , 174, 70-	78	1

79	Deep-Seated Slope Stability Analysis and Development of Simplistic FOS Evaluation Models for Stone Column-Supported Embankments. <i>Transportation Infrastructure Geotechnology</i> , 2021 , 8, 203-227	1.3	4
78	Experimental study of ground improvement by using encased stone columns. 2021, 6, 1		10
77	Three Dimensional Numerical Study on Behavior of Geosynthetic Encased Stone Column Placed in Soft Soil. 2021 , 39, 1901-1922		5
76	Time-dependent field performance of PHC pile-cap-beam-supported embankment over soft marine clay. 2021 , 26, 100435		2
75	Discussion of P erformance of Geogrid-Reinforced and PTC Pile-Supported Embankment in a Highway Widening Project over Soft Soils by Mengxuan Zhao, Chunyuan Liu, Tahar El-Korchi, Haichao Song, and Mingjiang Tao. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021 , 147, 07020029	3.4	
74	Improved Analytical Soil Arching Model for the Design of Piled Embankments. <i>International Journal</i>	3.1	2
73	Experimental Study of the Effects of Installation of Sand Columns in Compressible Clay Using a Reduced Model. 2021 , 39, 2301-2312		0
72	Arching Development in Transparent Soil during Multiple Trapdoor Movement and Surface Footing Loading. <i>International Journal of Geomechanics</i> , 2021 , 21, 04020262	3.1	11
71	Comparison and analysis of pile-soil separate calculation and composite foundation calculation method for gravel pile reinforcement. 2021 , 237, 03010		
70	Deformation of Stone Column Subjected to Earthquake Loading by Numerical Analysis. <i>Lecture Notes in Civil Engineering</i> , 2021 , 187-200	0.3	
69	Case study: footing load test using stone columns in Port Fouad-Egypt. 2021 , 6, 1		
68	Equivalent plane strain model of stone column reinforced foundation. 634, 012153		
67	Numerical Investigation of Soil Arching in Dense Sand. <i>International Journal of Geomechanics</i> , 2021 , 21, 04021051	3.1	2
66	The 3D numerical model of the stone column in soft clay soils. 2021 , 1928, 012011		1
65	Filtration performance of geotextile encasement to minimize the clogging of stone column during soil liquefaction. <i>Geotextiles and Geomembranes</i> , 2021 , 49, 771-788	5.2	2
64	Analytical Studies on the Use of Stiffer Drains for Soft Soil Improvement. <i>Lecture Notes in Civil Engineering</i> , 2022 , 503-512	0.3	
63	Investigation of Soil Arching under Cyclic Loading Using the Discrete Element Method. <i>International Journal of Geomechanics</i> , 2021 , 21,	3.1	0
62	Green function analytical solution for free strain consolidation of soft soil improved by stone columns subjected to time-dependent loading. <i>Computers and Geotechnics</i> , 2021 , 136, 103941	4.4	3

61	A Method of Settlement Calculation of Ground Improved by Floating Deep Mixed Columns Based on Laboratory Model Tests and Finite Element Analysis. 1	2
60	Consolidation theory for the stone column reinforced ground with time-dependent drainage boundary considering the foundation stiffness. <i>Computers and Geotechnics</i> , 2021 , 136, 104218	O
59	Loading Behavior and Soil-Structure Interaction for a Floating Stone Column under Rigid Foundation: A DEM Study. 2021 , 2021, 1-13	
58	Physical and numerical modelling of drainage and consolidation of tailings near a vertical waste rock inclusion. 2021 , 58, 1263-1276	2
57	Spring-Based Trapdoor Tests Investigating Soil Arching Stability in Embankment Fill under Localized Surface Loading. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021 , 147, 04021087	2
56	Experimental Investigation of a Load-Transfer Material for Foundations Reinforced by Rigid Inclusions. <i>Journal of Geotechnical and Geoenvironmental Engineering - ASCE</i> , 2021 , 147, 04021110	1
55	Behavior of granular column-improved clay under cyclic shear loading. 2021 , 31, 100654	4
54	Prediction of Drained Settlement and Ultimate Bearing Capacity for Stone Columns Supported Foundation. 2018 , 12-19	1
53	Soft Soil Improvement with Conventional and Geogrid-Encased Stone Piles Under an Embankment. 2018 , 110-125	1
52	Soil-Cement Columns. 2011, 173-234	1
52 51	Development of Soft Soil Improvement Scheme for Lateral Stability of Railway Bridge Abutment. Lecture Notes in Civil Engineering, 2020, 501-513 O.3	1
	Development of Soft Soil Improvement Scheme for Lateral Stability of Railway Bridge Abutment.	
51	Development of Soft Soil Improvement Scheme for Lateral Stability of Railway Bridge Abutment. Lecture Notes in Civil Engineering, 2020, 501-513 O.3 Influence of column yielding on degree of consolidation of soft foundations improved by deep	1
51	Development of Soft Soil Improvement Scheme for Lateral Stability of Railway Bridge Abutment. Lecture Notes in Civil Engineering, 2020, 501-513 Influence of column yielding on degree of consolidation of soft foundations improved by deep mixed columns. 2014, 6, 173-194	10
51 50 49	Development of Soft Soil Improvement Scheme for Lateral Stability of Railway Bridge Abutment. Lecture Notes in Civil Engineering, 2020, 501-513 Influence of column yielding on degree of consolidation of soft foundations improved by deep mixed columns. 2014, 6, 173-194 Comparative study on the behavior of lime-soil columns and other types of stone columns. 2014, 7, 133-148 Influence of Particle Gradation and Shape on the Performance of Stone Columns in Soft Clay. 2018,	1 10 2
51 50 49 48	Development of Soft Soil Improvement Scheme for Lateral Stability of Railway Bridge Abutment. Lecture Notes in Civil Engineering, 2020, 501-513 Influence of column yielding on degree of consolidation of soft foundations improved by deep mixed columns. 2014, 6, 173-194 Comparative study on the behavior of lime-soil columns and other types of stone columns. 2014, 7, 133-148 Influence of Particle Gradation and Shape on the Performance of Stone Columns in Soft Clay. 2018, 41, 20160234	1 10 2 5
51 50 49 48 47	Development of Soft Soil Improvement Scheme for Lateral Stability of Railway Bridge Abutment. Lecture Notes in Civil Engineering, 2020, 501-513 Influence of column yielding on degree of consolidation of soft foundations improved by deep mixed columns. 2014, 6, 173-194 Comparative study on the behavior of lime-soil columns and other types of stone columns. 2014, 7, 133-148 Influence of Particle Gradation and Shape on the Performance of Stone Columns in Soft Clay. 2018, 41, 20160234 Experimental Evaluation of Consolidation Behavior of Double-Layer Soft Soil Ground. 2019, 47, 20170277 Consolidation and bearing capacity studies on solid waste ash fill by using hybrid granular piles.	1 10 2 5

Consolidation analysis of concrete-cored sand-gravel columns improved composite foundation. **2015**, 255-262

42	Applicability Evaluation of Tailing Admixture as Grout Material. 2016 , 26, 110-119		
4-	Applicability Evaluation of Taking Flammacare as arode material 2010, 20, 110 115		
41	Numerical Analysis of Multilayer Geosynthetic-Reinforced Bed Over Stone Columns-Improved Soft Clay. <i>Lecture Notes in Civil Engineering</i> , 2019 , 145-166	0.3	
40	Experimental and Numerical Studies on the Performances of Stone Column and Sand Compaction PileReinforced Hong Kong Marine Clay. <i>International Journal of Geomechanics</i> , 2020 , 20, 06020018	3.1	2
39	ZEMBI BÜLETRME YBITEMLERBIBI ZEMBI KONSOLDASYONUNA ETKBEVAKA ANALTUber Halisdemir biversitesi Mbendislik Bilimleri Dergisi,		
38	Slope Stability Analysis of Embankment Resting on Granular Columns Using FEM. <i>Lecture Notes in Civil Engineering</i> , 2020 , 311-326	0.3	
37	KÜ B R ZEMNN TAIKOLON YNTEMNLE NÜETRÜMESNDE OPTMUM ALAN YERLEM ORANININ BELRLENMESÜ <i>M</i> bendislik Bilimleri Ve Tasarın Dergisi, 2020 , 8, 221-228	0.2	
36	3-D Finite Element Study of Embankment Resting on Soft Soil Reinforced with Encased Stone Column. <i>Lecture Notes in Civil Engineering</i> , 2021 , 451-465	0.3	3
35	Effects of Geogrid Encasement on Behavior of Stone Column-Improved Soft Clay. <i>Lecture Notes in Civil Engineering</i> , 2022 , 559-573	0.3	
34	Experimental study on the behaviour of granular column-treated soft clay under shear loading. <i>Geomechanics and Geoengineering</i> , 1-12	1.4	2
33	Consolidation of partially saturated ground improved by impervious column inclusion: Governing equations and semi-analytical solutions. <i>Journal of Rock Mechanics and Geotechnical Engineering</i> , 2022 ,	5.3	7
32	Effect of Particle Shape on Soil Arching in the Pile-Supported Embankment by 3D Discrete-Element Method Simulation. <i>International Journal of Geomechanics</i> , 2022 , 22,	3.1	
31	Field Installation Effects of Stone Columns on Load Settlement Characteristics of Reinforced Soft Ground. <i>International Journal of Geomechanics</i> , 2022 , 22,	3.1	2
30	Analytical Methods for Predicting Load Carrying Capacity of Granular Piles Review. <i>Lecture Notes in Civil Engineering</i> , 2022 , 437-443	0.3	
29	Influence of Granular Columns on the Behavior of Reinforced-Soil Wall on Layered Soft Foundation. <i>Transportation Infrastructure Geotechnology</i> , 1	1.3	
28	Formation of a Dispersed Soil Arch in Embankments Supported by Columns with Cap Beams and the Development of System Efficacy. 2022 ,		
27	Vertical Stability of Individual Geotextile-Encased Sand Columns without and with Surrounding Soil. <i>Geosynthetics International</i> , 1-37	3.3	О
26	A simplified model for the analysis of piled embankments considering arching and subsoil consolidation. <i>Geotextiles and Geomembranes</i> , 2022 , 50, 408-431	5.2	1

25	Interaction of Soil Arching under Trapdoor Condition: Insights from 2D Discrete-Element Analysis. <i>International Journal of Geomechanics</i> , 2022 , 22,	3.1	
24	Studying the effect of partial drainage on the response of soft clays reinforced with sand column groups. <i>Acta Geotechnica</i> ,	4.9	
23	Suitability Analysis of Stone Column Materials with PLAXIS. <i>Engineering, Technology & Applied Science Research</i> , 2022 , 12, 8421-8425	1	O
22	Load-Settlement Behaviour of Stone Column with Varied Spacing. <i>Lecture Notes in Civil Engineering</i> , 2022 , 27-31	0.3	
21	Simplified Method for Calculating Consolidation Degree of Deep Mixed ColumnImproved Soft Soils. <i>International Journal of Geomechanics</i> , 2022 , 22,	3.1	
20	Analytical solutions for consolidation of composite ground improved by composite piles considering clogging effect. <i>Geosynthetics International</i> , 1-38	3.3	
19	Numerical Study on the Effect of Using Dented Sheet Liner in Pervious Concrete Pile to Improve Soft Soil. <i>International Journal of Geomechanics</i> , 2022 , 22,	3.1	
18	A modified equal-strain solution for consolidation behavior of composite foundation reinforced by precast concrete piles improved with cement-treated soil. <i>Computers and Geotechnics</i> , 2022 , 150, 1049	90 \$ ·4	5
17	Consolidation Analysis for Soft Clay Reinforced by a Granular Column with Non-Darcian Flow. <i>International Journal of Geomechanics</i> , 2022 , 22,	3.1	
16	Improved radial consolidation in soft clay using pervious concrete piles. 1-37		
15	Suitability Assessment of Stone Columns to Improve Soil Foundation in Kathmandu Valley, Nepal.		
14	Strength Behaviour of Granular Column-Reinforced Soft Soil Subjected to Lateral Shear Loading.		
13	Integrated Analytical Model for Characterizing Stress Distribution of Geosynthetic-Reinforced and Pile-Supported Embankments. 2022 , 22,		O
12	Consolidation and Slope Stability Study of Embankment Made of Ash Fill Supported by Hybrid Stone Columns: 3D Numerical Investigation. 2023 , 727-736		O
11	Analytical solution for consolidation of sand-filled nodular pile (SFNP) foundation and its engineering application.		O
10	A comparative settlement response of soft clays reinforced with granular columns subjected to widespread loading. 1-1		O
9	Load Transfer in Geosynthetic-Reinforced Piled Embankments with a Triangular Arrangement of Piles. 2023 , 149,		О
8	Simplified Plane Strain Consolidation Modelling of Stone Column. 2023 , 109-118		O

CITATION REPORT

7	Data-driven spatio-temporal analysis of consolidation for rapid reclamation. 1-64	О
6	Plane Strain Simplified Analysis of Consolidation of a Foundation Penetrated by Concrete-Cored Gravel Columns. 2023 , 23,	O
5	Analytical Solutions for Radial Consolidation of Soft Ground Improved by Composite Piles Considering Time and Depth-Dependent Well Resistance. 2023 , 23,	1
4	A New Calculation Method for Life Cycle Settlement of Soft Ground with Creep Treated by Columns. 2023 , 23,	O
3	Filtration Capability of Geotextile Encasement to Minimize the Clogging of Stone Column During Consolidation. 2023 , 23,	O
2	Field Experimental and Numerical Studies on Performance of Concrete©ored Gravel Column-Supported Embankments. 2023 , 23,	O
1	Experimental and numerical study of the settlement behavior of soil reinforced by stone columns.	O