

Prof. Jie Han - Publications

PUBLICATIONS

Peer-Reviewed Journal Papers

1. Zhang, Z., Han, J., and Ye, G. (2014). "Numerical Investigation on factors for deep-seated slope stability of stone column-supported embankments over soft clay." *Engineering Geology*, 168C, 104-113.
2. Lin, C., Zhu, W., and Han, J. (2014). "Permeability and leachability of solidified sewage sludge." *Environmental Geotechnics*, 1(1), 33-39.
3. Jiang, Y., Han, J., and Zheng, G. (2014). "Influence of column yielding on degree of consolidation of soft foundations improved by deep mixed columns." *Geomechanics and Engineering*, 6(2), 179-194.
4. Huang, J., Bin-Shafique, S., Han, J., and Rahman, M.S. (2014). "Modeling of laterally loaded drilled shaft group in MSE wall." *ICE Geotechnical Engineering Journal*, accepted.
5. Cao, Z., Cai, Y., and Han, J. (2014). "Mitigation of ground vibration generated by high-speed trains on saturated poroelastic ground with under-sleeper-pads." *ASCE Journal of Transportation Engineering*, accepted.
6. Jiang, Y., Han, J., and Zheng, G. (2014). "Numerical analysis of pile-slab supported railway embankments." *Acta Geotechnica*, published online.
7. Han, J. and Thakur, J.K. (2014). "Sustainable roadway construction using recycled aggregates with geosynthetics." *Sustainable Cities and Society*, published online.
8. Bhandari, A., Han, J., and Parsons, R.L. (2014). "Two-dimensional DEM analysis of geogrid-reinforced bases under a cyclic vertical load." *Acta Geotechnica*, accepted.
9. Corey, R., Han, J., Khatri, D.K., and Parsons, R.L. (2014). "Geosynthetic protection of buried steel-reinforced HDPE pipes from static loading." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, accepted.
10. Lin, C., Han, J., Bennett, C.R., and Parsons, R.L. (2014). "Analysis of laterally-loaded piles in sand considering scour hole dimensions." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, accepted.
11. Lin, C., Han, J., Bennett, C.R., and Parsons, R.L. (2014). "Behavior of laterally-loaded piles under scour conditions considering stress history of undrained soft clay." Technical note, *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, accepted.
12. Leshchinsky, D., Kang, B., Han, J., and Ling H. (2014). "Framework for limit state design of geosynthetic-reinforced walls and slopes." *Transportation Infrastructure Geotechnology*, accepted.
13. Han, J. (2014). "Recent research and development of column technologies to improve soft foundations." Submitted for possible publication in *Ground Improvement*.
14. Pokharel, S., Han, J., Leshchinsky, D., and Parsons, R.L. (2014). "Experimental evaluation of geocell-reinforced bases under repeated loading." Submitted for possible publication in *Geotextiles and Geomembranes*.
15. El Kamash, W. and Han, J. (2014). "Widening of column-supported embankments over soft clay considering consolidation: numerical analysis." Submitted for possible publication in *Soils and Foundations*.
16. Khatri, D.K., Han, J., Corey, R., Parsons, R.L., and Brennan, J.J. (2014). "Laboratory evaluation of installation of a steel-reinforced high-density polyethylene pipe in soil." Submitted for possible publication in *Journal of the Transportation Research Board*.
17. Lin, C., Bennett, C.R., Han, J., and Parsons, R.L. (2014). "Effect of Soil Stress History on scour evaluation of pile-supported bridges," Submitted for possible publication in *ASCE Journal of Bridge Engineering*.

18. Jiang, Y., Han, J., and Zheng, G. (2013). "Numerical analysis of consolidation of soft soils fully-penetrated by deep-mixed columns." *KSCE Journal of Civil Engineering*, 17(1), 96-105.
19. Liang, F., Yu, F. and Han, J. (2013). "A simplified analytical method for response of an axially loaded pile group subjected to lateral soil movement." *KSCE Journal of Civil Engineering*, 17(3), 368-376.
20. Yang, X., Han, J., Leshchinsky, D., and Parsons, R.L. (2013). "A three-dimensional mechanistic-empirical model for geocell-reinforced unpaved roads." *Acta Geotechnica*, 8(2), 201-213.
21. Huang, J., Han, J., Parsons, R.L., and Pierson, M. (2013). "Refined numerical modeling of a laterally-loaded drilled shaft in an MSE wall." *Geotextiles and Geomembranes*, 37, 61-73.
22. Li, F., Han, J., and Lin, C. (2013). "Effect of scour on the behavior of laterally loaded single piles in marine clay." *Journal of Marine Georesources and Geotechnology*, 31, 271-289.
23. Miao, L.C., Wang, F., Han, J., Lv, W.H., and Li, J. (2013). "Properties and applications of cement-treated sand-expanded polystyrene bead lightweight fill." *ASCE Journal of Materials in Civil Engineering*, 25(1), 86-93.
24. Qian, Y., Han, J., Pokharel, S.K., and Parsons, R.L. (2013). "Performance of triangular aperture geogrid-reinforced base courses over weak subgrade under cyclic loading." *ASCE Journal of Materials in Civil Engineering*, 25(8), 1013-1021.
25. Xu, Y. S.; Huang, R. Q.; Han, J. and Shen, S.L. (2013). "Evaluation of allowable withdrawn volume of groundwater based on observed data." *Natural Hazards*, 67(2), 513-522.
26. Nian, T.K. and Han, J. (2013). "Analytical solution for seismic earth pressures in $c-\phi$ soil with an infinite slope." Technical note, *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 139(9), 1611-1616.
27. Yang, X. and Han, J. (2013). "An analytical model for resilient modulus and permanent deformation of geosynthetic-reinforced unbound granular materials." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 139(9), 1443-1453.
28. Thakur, J.K., Han, J., and Parsons, R.L. (2013). "Creep behavior of geocell-reinforced recycled asphalt pavement (RAP) bases." *ASCE Journal of Materials in Civil Engineering*, 25(10), 1533-1543.
29. Yang, X. and Han, J. (2013). "Geocell-reinforced granular fill under static and cyclic loading: A synthesis of analysis." *Journal of Geotechnical Engineering*, Southeast Asian Geotechnical Society, 44(4), December, 18-24.
30. Han, J. and Jiang, Y. (2013). "Use of geosynthetics for performance enhancement of earth structures in cold regions." *Sciences in Cold and Arid Regions*, 5(5), 517-529.
31. Ye, G.-B., Zhang, Z., Han, J., Xing, H.-F., Huang, M.-S., and Xiang, P.-L. (2013). "Performance Evaluation of an Embankment on Soft Soil Improved by Deep Mixed Columns and Prefabricated Vertical Drains." *ASCE Journal of Performance of Constructed Facilities*, 27(5), 614-623.
32. Lin, C., Zhu, W., and Han, J. (2013). "Strength and leaching of solidified sewage sludge treated with different additives." *ASCE Journal of Materials in Civil Engineering*, 25(11), 1594-1601.
33. Khatri, D.K., Han, J., Parsons, R.L., Young, B., Brennan, J.J., and Corey, R. (2013). "Laboratory evaluation of deformations of steel-reinforced high-density polyethylene pipes under static loads." *ASCE Journal of Materials in Civil Engineering*, 25(12), 1964-1969.
34. Lin, C., Bennett, C.R., Han, J., and Parsons, R.L. (2012). "Integrated analysis of the performance of pile-supported bridges under scoured conditions." *Engineering Structures*, 36, 27-38.
35. Ai, Z.Y., Cang, N.R., and Han, J. (2012). "Analytical layer-element solutions for a multi-layered transversely isotropic elastic medium subjected to axisymmetric loading."

Journal of Zhejiang University – Science A (Applied Physics and Engineering), 13(1), 9-17.

36. Yang, X., Han, J., Pokharel, S.K., Manandhar, C., Parsons, R.L., Leshchinsky, D., and Halahmi, I. (2012). "Accelerated pavement testing of unpaved roads with geocell-reinforced sand bases." *Geotextiles and Geomembranes*, 32, 95-103.
37. Han, J., Bhandari, A., and Wang, F. (2012). "DEM analysis of stresses and deformations of geogrid-reinforced embankments over piles." *ASCE International Journal of Geomechanics*, 12(4), 340-350.
38. Thakur, J.K., Han, J., Pokharel, S.K., and Parsons, R.L. (2012). "Performance of geocell-reinforced recycled asphalt pavement (RAP) bases over weak subgrade under cyclic plate loading." *Geotextiles and Geomembranes*, 35, 14-24.
39. Zeng, L.-L., Hong, Z.-S., Cai, Y.-Q., and Han, J. (2011). "Change of hydraulic conductivity during compression of undisturbed and remolded clays." *Applied Clay Science*, 51(1-2), 86-93.
40. Huang, J., Parsons, R.L., Han, J., and Pierson, M.C. (2011). "Numerical analysis of a laterally-loaded shaft constructed within an MSE wall." *Geotextiles and Geomembranes*, 29, 233-241.
41. Dong, Y.-L., Han, J., and Bai, X.-H. (2011). "Numerical analysis of tensile behavior of geogrids with rectangular and triangular apertures." *Geotextiles and Geomembranes*, 29(2), 83-91.
42. Han, J., Zhang, Y.Z., and Parsons, R.L. (2011). "Experimentally quantifying the influence of geosynthetics on performance of reinforced granular bases." *Journal of Geotechnical Engineering*, Southeast Asian Geotechnical Society, 42(1), 74-83.
43. Zheng, G., Jiang, Y., and Han, J. (2011). "Performance of cement-fly ash-gravel pile-supported high-speed railway embankments over soft marine clay." *Journal of Marine Georesources & Geotechnology*, 29(2), 145-161.
44. Abusharar, S. and Han, J. (2011). "Two-dimensional deep-seated slope stability analysis of embankments over stone columns." *Engineering Geology*, 120, 103-110.
45. Qian, Y., Han, J., Pokharel, S.K., and Parsons, R.L. (2011). "Stress analysis on triangular aperture geogrid-reinforced bases over weak subgrade under cyclic loading - an experimental study." *Journal of the Transportation Research Board*, No. 2204, *Low-Volume Roads*, Vol. 2, Proceedings of the 10th International Conference on Low-Volume Roads, July 24-27, Lake Buena Vista, Florida, USA, 83-91.
46. Pokharel, S.K., Han, J., Manandhar, C., Yang, X.M., Leshchinsky, D., Halahmi, I., and Parsons, R.L. (2011). "Accelerated pavement testing of geocell-reinforced unpaved roads over weak subgrade." *Journal of the Transportation Research Board*, No. 2204, *Low-Volume Roads*, Vol. 2, Proceedings of the 10th International Conference on Low-Volume Roads, July 24-27, Lake Buena Vista, Florida, USA, 67-75.
47. Parsons, R.L., Pierson, M.C., Willems, I., Han, J., and Brennan, J.J. (2011). "Lateral capacity of short rock sockets in weak rock." *Journal of the Transportation Research Board*, No. 2212, *Soil Mechanics*, 34-41.
48. Pierson, M.C., Parsons, R.L., Han, J., and Brennan, J.J. (2011). "Laterally loaded shaft group capacities and deflections behind an MSE wall." *Journal of Geotechnical and Geoenvironmental Engineering*, ASCE, Reston, Virginia, 137(10), 882-889.
49. Han, J., Pokharel, S.K., Yang, X., Manandhar, C., Leshchinsky, D., Halahmi, I., and Parsons, R.L. (2011). "Performance of geocell-reinforced RAP bases over weak subgrade under full-scale moving wheel loads." *Journal of Materials in Civil Engineering*, ASCE, 23(11), 1525-1534.
50. Bhandari, A. and Han, J. (2010). "Investigation of geotextile-soil interaction under a cyclic wheel load using the discrete element method." *Geotextiles and Geomembranes*, 28(1), 33-43.
51. Han, J., Chen, J.F., Hong, Z.S., and Shen, S.L. (2010). "Mitigation of levee failure using deep mixed columns and geosynthetics." *GeoMechanics and GeoEngineering: International Journal*, 5(1), 49-55.

52. Yang, X.M., Han, J., Parsons, R.L., and Leshchinsky, D. (2010). "Three-dimensional numerical modeling of single geocell-reinforced sand." *Frontiers of Architecture and Civil Engineering in China*, 4(2), 233-240.
53. Ai, Z.Y., Wang, Q.S., and Han, J. (2010). "Transfer matrix solutions to axisymmetric and non-axisymmetric consolidation of multilayered soils." *Acta Mechanica*, 211(1-2), 155-172.
54. Chen, J.F., Han, J., and Yu, S.B. (2010). "Centrifugal modeling of an embankment backfilled with lime-stabilized soil on marine clay." *Marine Georesources and Geotechnology*, 28, 25-36.
55. Ai, Z.Y., Wang, Q.S., and Han, J. (2010). "Analytical solutions to consolidation of a multi-layered soil under circular loading." *Journal of Engineering Mathematics*, 66(4), 381-393.
56. Han, J. and Leshchinsky, D. (2010). "Analysis of back-to-back mechanically stabilized earth walls." *Geotextiles and Geomembranes*, 28(3), 262-267.
57. Chen, B.-G., Zheng, J.-J., and Han, J. (2010). "Experimental study and numerical simulation on concrete box culverts in trenches." *ASCE Journal of Performance of Constructed Facilities*, 24(3), 223-234.
58. Huang, J. and Han, J. (2010). "Two-dimensional coupled hydraulic and mechanical modeling of geosynthetic-reinforced column-supported embankments." *Computers and Geotechnics*, 37, 638-648.
59. Pokharel, S., Han, J., Leshchinsky, D., Parsons, R.L., and Halahmi, I. (2010). "Investigation of factors influencing behavior of single geocell-reinforced bases under static loading." *Geotextiles and Geomembranes*, 28(6), 570-578.
60. Lin, C., Bennett, C.R., Han, J., and Parsons, R.L. (2010). "Scour effects on the response of laterally loaded piles considering stress history of sand." *Computers and Geotechnics*, 37, 1008-1014.
61. Huang, J. and Han, J. (2009). "3D coupled mechanical and hydraulic modeling of a geosynthetic-reinforced deep mixed column-supported embankment." *Geotextiles and Geomembranes*, 27, 272-280.
62. Zheng, G., Liu, L., and Han, J. (2010). "Stability of embankment on soft subgrade reinforced by rigid inclusions (II) – group pile analysis." *Chinese Journal of Geotechnical Engineering*, 32(12), 1811-1820, in Chinese.
63. Zheng, G., Liu, L., and Han, J. (2010). "Stability of embankment on soft subgrade reinforced by rigid piles (I) – background and single pile analysis." *Chinese Journal of Geotechnical Engineering*, 32(11), 1648-1657, in Chinese.
64. Huang, J., Han, J., and Oztoprak, S. (2009). "Coupled mechanical and hydraulic modeling of geosynthetic-reinforced column-supported embankments." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 135(8), 1011-1021.
65. Liang, F.Y., Chen, L.Z., and Han, J. (2009). "Integral equation method for analysis of piled rafts with dissimilar piles under vertical loading." *Computers and Geotechnics*, 36, 419-426.
66. Ai, Z.Y. and Han, J. (2009).
"Boundary element analysis of axially loaded piles embedded in a multi-layered soil." *Computers and Geotechnics*, 36, 427-434.
67. Chen, J.F., Han, J., Oztoprak, S., and Yang, X.M. (2009). "Behavior of single rammed aggregate pier." *Computers and Geotechnics*, 36, 1191-1197.
68. Chen, J.F. and Han, J. (2009). "Numerical modeling of loading tests on a rammed aggregate pier."
Chinese Journal of Geotechnical Engineering, 31(9), 1366-1370.
69. Wang, F., Han, J., Miao, L.C., and Bhandari, A. (2009). "Numerical analysis of geosynthetic-bridged and drilled shaft-supported embankments over large sinkhole." *Geosynthetics International Journal*, 16(6), 408-419.
70. Bhandari, A. and Han, J. (2009). "Evaluation of high-capacity composite spun piles." *Journal of Transportation Research Board*, 2116, 53-61.

71. Pierson, M.C., Parsons, R.L., Han, J., and Brennan, J.J. (2009). "Capacities and deflections of laterally loaded shafts behind an MSE wall." *Transportation Research Record, Journal of Transportation Research Board*, 2116, Soil Mechanics 2009, 62-69.
72. Ai, Z.Y., Wu, C., and Han, J. (2008). "Transfer matrix solutions for three dimensional consolidation of a multi-layered soil with compressible constituents." *International Journal of Engineering Science*, 46(11), 1111-1119.
73. Shen, S.L., Han, J., and Du, Y.J. (2008). "Deep mixing induced property changes in sensitive marine clays." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 134(6), 845-854.
74. Liu, S.Y., Han, J., Zhang, D.W., and Hong, Z.S. (2008). "A new DJM-PVD combined method for soft ground improvement." *Geosynthetics International Journal*, 15(1), 43-54.
75. Chen, R.P., Chen, Y.M., Han, J., and Xu, Z.Z. (2008). "A theoretical solution for pile-supported embankments on soft soil." *Canadian Geotechnical Journal*, 45(5), 611-623.
76. Ai, Z.Y., Cheng, Z.Y., and Han, J. (2008). "State space solution to three-dimensional consolidation of multi-layered soils." *International Journal of Engineering Science*, 46, 486-498.
77. Han, J., Yang, X.M., Leshchinsky, D., and Parsons, R.L. (2008). "Behavior of geocell-reinforced sand under a vertical load." *Journal of the Transportation Research Board*, 2045, 95-101.
78. Yang, X.M., Han, J., Parsons, R.L., and Henthorne, R. (2008). "Resistance factors for drilled shafts in weak rocks based on O-cell test data." *Journal of the Transportation Research Board*, 2045, 62-67.
79. Hong, Z.S. and Han, J. (2007). "Evaluation of sample quality of sensitive clay using intrinsic compression concept." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 133(1), 83-90.
80. Han, J., Oztoprak, S., Parsons, R.L., and Huang, J. (2007). "Numerical analysis of foundation columns to support widening of embankments." *Computers and Geotechnics*, 34(6), 435-448.
81. Han, J., Huang, J., and Parsons, R.L. (2007). "Influence of bedrock inclination on settlements of flexible shallow foundations." *Computers and Geotechnics*, 34(1), 53-56.
82. Han, J. and Leshchinsky, D. (2006). "General analytical framework for design of flexible reinforced earth structures." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 132(11), 1427-1435.
83. Han, J. and Ye, S. L. (2006). "A field study on behavior of micropiles under compression or tension." *Canadian Geotechnical Journal*, 43(1), 19-29.
84. Han, J. and Ye, S. L. (2006). "A field study on behavior of an underpinned foundation by micropiles." *Canadian Geotechnical Journal*, 43(1), 30-42.
85. Hong, Z.S., Tateishi, Y., and Han, J. (2006). "Experimental study of macro and micro-behavior of natural diatomite." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 132(5), 603-610.
86. Giroud, J.P. and Han, J. (2006). "Closure to Design method for geogrid-reinforced unpaved roads. I. Development of design method." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 132(4), 549-551.
87. Huang, J., Han, J., and Collin, J. G. (2005). "Geogrid-reinforced pile-supported railway embankments – three dimensional numerical analysis." *Journal of Transportation Research Board*, 1936, 221-229.
88. Shen, S.L., Han, J., Zhu, H.-H., and Hong, Z.S. (2005). "Evaluation of a dike failure caused by pile driving in soft clay deposit." *Journal of Performance of Constructed Facilities*, ASCE, 19(4), 300-307.
89. Shen, S.L., Han, J., and Miura, N. (2004). "Laboratory evaluation of mixing energy consumption and its influence on soil-cement strength." *Journal of Transportation Research Board*, No. 1868, 23-30.
90. Giroud, J.P. and Han, J. (2004). "Design method for geogrid-reinforced unpaved roads – Part I: theoretical development." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 130(8), 776-786.

91. Giroud, J.P. and Han, J. (2004). "Design method for geogrid-reinforced unpaved roads – Part II: calibration and verification." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 130(8), 787-797.
92. Leshchinsky, D. and Han, J. (2004). "Geosynthetic reinforced multitiered mechanically walls." *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 130(12), 1225-1235.
93. Leshchinsky, D., Hu, Y.H., and Han, J. (2004). "Limited reinforced space in segmental retaining walls." *Geotextiles and Geomembranes*, 22(6), 543-553.
94. Han, J., Frost, J.D., and Brown, V. L. (2003). "Design of fiber-reinforced polymeric composite piles." *Journal of the Transportation Research Board*, 1849, 71-80.
95. Shen, S.L., Han, J., Huang, X.C., Du, S.J. (2003). "Laboratory studies on property changes in surrounding clays due to installation of deep mixing columns." *Marine Georesources and Geotechnology*, 21(1), 15-35.
96. Han, J., Zhou, H. T., and Ye, F. (2002). "State of practice review of deep soil mixing techniques in China." *Journal of the Transportation Research Board*, No. 1808, Soil Mechanics 2002, Transportation Research Board of the National Academies, 49-57.
97. Han, J. and Ye, S. L. (2002). "A theoretical solution for the rate of consolidation of a stone column reinforced foundation accounting for smear and well resistance." *International Journal of Geomechanics*, 2(2), 135-151.
98. Han, J. and Gabr, M.A. (2002). "Numerical analysis of geosynthetic-reinforced and pile-supported earth platforms over soft soil." *Journal of Geotechnical and Geoenvironmental Engineering*, ASCE, 128(1), 44-53.
99. Han, J. and Ye, S. L. (2001). "A simplified method for computing consolidation rate of stone column reinforced foundations." *Journal of Geotechnical and Geoenvironmental Engineering*, ASCE, 127(7), 597-603.
100. Han, J. and Frost, J. D. (2000). "Load-deflection response of transversely isotropic piles under lateral loads." *International Journal for Numerical and Analytical Methods in Geomechanics*, 24, 509-529.
101. Han, J. and Frost, J. D. (1999). "Buckling of vertically loaded fiber-reinforced polymer piles." *Journal of Reinforced Plastics and Composites*, 18(4), 290-318.
102. Frost, J. D. and Han, J. (1999). "Comparison of sand-FRP and sand-steel interface characteristics." *Journal of Geotechnical and Geoenvironmental Engineering*, ASCE, 125(8), 633-640.
103. Han, J. (1999). "Deformation and strength of geogrid-reinforced granular soil at plane strain conditions - Discussion." *Soils and Foundations*, 39(4), August, 152-153.
104. Han, J. and Frost, J. D. (1996). "Surficial stability of compacted clay: case study - Discussion." *Journal of Geotechnical Engineering*, ASCE, 122(3), March, 247-248.
105. Han, J. and Ye, S. L. (1995). "Site remediation technologies." *Journal of Soil Improvement*, 21, in Chinese.
106. Han, J. and Ye, S. L. (1994). "Applications of soil improvement techniques in geo-environment." *Journal of Construction Technologies*, 10, in Chinese.
107. Sun, L.C. and Han, J. (1994). "Influence factors and prediction of unconfined compressive strength of cement soil." *Journal of Soil Improvement*, 4, 31-37, in Chinese.
108. Han, J. and Ye, S. L. (1993). "Stress analysis of composite grounds." *Journal of Geotechnical Investigation*, 6, in Chinese.
109. Han, J., Ye, S. L., Zhang, D. S. (1993). "Measured stresses and pore water pressures in the stone column reinforced foundation under a building loading." *Journal of Geotechnical Engineering*, 15(5), in Chinese, 40-47.
110. Ye, S. L., Han, J., Ming, Q. X., and Gao, H. S. (1992). "Field tests of an oil tank founded on the stone column reinforced foundation." *Journal of Geotechnical Engineering*, 14(6), in Chinese, 50-59.
111. Han, J. and Ye, S. L. (1992). "Analysis of the ground treated with stone columns using FEM." *Journal of Geotechnical Engineering*, 14(Supplement), in Chinese, 13-19.

112. Han, J. and Ye, S. L. (1992). "Introduction to composite grounds." *Journal of Geotechnical Investigation and Surveying*, 6, in Chinese, 1-5.
113. Han, J. and Yang, W.D. (1992). "Settlement analysis of vertically-extended buildings" *Journal of Soils and Foundations*, 1, in Chinese.
114. Ye, S.L. and Han, J. (1992). "Recent development of underpinning techniques." *Journal of Site Investigation*, 4, in Chinese.
115. Zhou, H.T. and Han, J. (1991). "Soil-pile interaction of micropiles." *Journal of Soil Improvement*, 1(3), in Chinese.
116. Han, J. and Ye, S. L., and Zeng, Z. X. (1990). "Performance of stone column-reinforced foundations - a case study." *Journal of Geotechnical Investigation and Surveying*, 5, in Chinese, 1-6.
117. Han, J. and Ye, S.L. (1989). "Analysis of stone column reinforcing mechanisms." *Journal of Harbor Engineering*, 6, in Chinese, 6-14.

Peer-Reviewed or Invited Conference Papers

1. Han, J. (2014). "Recent advances in the use of geosynthetics to enhance sustainability of roadways." Invited keynote lecture, Conference on Advances in Civil Engineering for Sustainable Development, Nakhon Ratchasima, Thailand, 27-29 August.
2. Lin, C., Han, J., Bennett, C., and Parsons, R.L. (2014). "Case history analysis of bridge failures due to scour." International Symposium of Climatic Effects on Pavement and Geotechnical Infrastructure, in press.
3. Thakur, J.K., Han, J., Parsons, R.L., and Guo, J. (2014). "Sustainable stabilization of recycled asphalt pavement (RAP) bases." GeoCongress 2014, in press.
4. Sun, X., Han, J., Wayne, M.H., Parsons, R.L., and Kwon, J. (2014). "Quantifying the benefit of triaxial geogrid in stabilizing granular bases over soft subgrade under cyclic loading at different intensities." GeoCongress, 2014, in press.
5. Han, J., Thakur, J.K., Parsons, R.L., Pokharel, S.K., Leshchinsky, D., and Yang, X. (2013). "A summary of research on geocell-reinforced base courses." Ling, H.I., Gottardi, G., Cazzuffi, D., Han, J., and Tatsuoka, F. (editors) (2013). *Design and Practice of Geosynthetic-Reinforced Soil Structures*. Honoring Research Achievement of Professor Dov Leshchinsky, 14-16 October, 2013, Bologna, Italy.
6. Han, J. (2013). "Design of planar geosynthetic-improved unpaved and paved roads." *Pavement and Geotechnical Engineering for Transportation*, Geotechnical Practice Publication No. 8, Huang, B., Bowers, B.F., Mei, G.X., Luo, S.H., and Zhang, Z. (editors), 31-41.
7. Jiang, Y., Han, J., and Zheng, G. (2013). "Consolidation of column-reinforced soft foundations under embankments." *Stability and Performance of Slopes and Embankments III*, GSP231, Meehan, C.L., Pradel D., Pando, M.A., and Labuz, J.F. (editors), Proceedings of GeoCongress 2013, San Diego, CA, March 3 to 7, 1825-1828.
8. Zheng, G., Diao, Y., Li, S., and Han, J. (2013). "Stability failure modes of rigid pile-supported embankments and simplified analysis method." *Stability and Performance of Slopes and Embankments III*, GSP231, Meehan, C.L., Pradel D., Pando, M.A., and Labuz, J.F. (editors), Proceedings of GeoCongress 2013, San Diego, CA, March 3 to 7, 1821-1824.
9. Acharya, R., Han, J., Brennan, J.J., Parsons, R.L., and Khatri, D.K. (2013). "Structural response of a low-fill box culvert under static and traffic loading." Presentation at the TRB 92nd Annual Meeting, January 13 to 17, Washington, DC.
10. Han, J. (2012). "Recent advances in column technologies to improve soft soils." Invited keynote lecture, *Proceedings of International Conference on Ground Improvement and Ground Control*, B. Indraratna, C. Rujikiatkamjorn, and J. Vinod (eds.), Wollongong, Australia, 30 October to 2 November, Vol. 1, Research Publishing, 99-113.

11. Han, J., Jiang, J., and Parsons, R.L. (2012). "Geosynthetic reinforcement for railway and highway construction." *Theories and Technologies for High-speed Transportation Infrastructure*, R. Chen, X. Yu, and X. Bian (eds.), Zhejiang University Press, 19-32.
12. Han, J. and Thakur, J.K. (2012). "Use of geosynthetics to stabilize recycled aggregates in roadway construction." *Developing the Frontier of Sustainable Design, Engineering, and Construction*, W.K.O. Chong, J. Gong, J. Chang, and M.K. Siddiqui (eds.), International Conference on Sustainable Design, Engineering, and Construction 2012 (ICSDEC 2012), Fort Worth, Texas, November 7-9, 473-480.
13. Han, J., Thakur, J.K., Corey, R., Christopher, B.R., Khatri, D., Acharya, B. (2012). "Assessment of QC/QA technologies for evaluating properties and performance of geosynthetics in roadway systems." GeoCongress 2012, Oakland, California, USA, March 25-29, *State of the Art and Practice in Geotechnical Engineering*, Geotechnical Special Publication No. 225, R.D. Hryciw, A. Athanasopoulos-Zekkos, and N. Yesiller (eds.), 1350-1359.
14. Thakur, J.K., Han, J., Pokharel, S.K., and Parsons, R.L. (2012). "A large test box study on geocell-reinforced recycled asphalt pavement (RAP) bases over weak subgrade under cyclic loading." GeoCongress 2012, Oakland, California, USA, March 25-29, *State of the Art and Practice in Geotechnical Engineering*, Geotechnical Special Publication No. 225, R.D. Hryciw, A. Athanasopoulos-Zekkos, and N. Yesiller (eds.), 1562-1571.
15. Lin, C., Han, J., Shen, S.L., and Hong, Z.S. (2012). "Numerical modeling of laterally loaded pile groups in soft clay improved by jet grouting." Proceedings of the 4th International Conference on Grouting and Deep Mixing, New Orleans, LA, February 15 to 18.
16. Shen, S.L., Xu, Y.S., Han, J., and Zhang, J.M. (2012). "A ten-year review on the development of soil mixing technologies in China." Proceedings of the 4th International Conference on Grouting and Deep Mixing, New Orleans, LA, February 15 to 18.
17. Khatri, D.K., Han, J., Parsons, R.L., Young, B., Brennan, J.J., and Corey, R. (2012). "Laboratory evaluation of deformations of steel-reinforced high-density polyethylene pipes under static loads." Presentation at the TRB 91st Annual Meeting, January 22 to 28, Washington, DC.
18. Thakur, J.K., Han, J., Pokharel, S.K., and Parsons, R.L. (2012). "Experimental evaluation of Recycled Asphalt Pavement (RAP) bases reinforced by geocells under cyclic plate loading." Presentation at the TRB 91st Annual Meeting, January 22 to 28, Washington, DC.
19. Han, J. (2011). "Design of planar geosynthetic-improved unpaved and paved roads." *Pavement and Geotechnical Engineering for Transportation*, Geotechnical Practice Publication No. 8, B. Huang, B.F. Bowers, G.X. Mei, S.H. Luo, and Z. Zhang (eds.), 31-41.
20. Shi, W. and Han, J. (2011). "Sustainable utilization and experimental study on wet fly ash by sea water." *Integrating Sustainability Practices in the Construction Industry*, Proceedings of the International Conference on Sustainable Design and Construction (ICSDC) 2011, 533-559.
21. Han, J. and Jiang, G. (2011). "Influence of inclined bedrock on undrained bearing capacity of shallow strip foundations." *Advances in Geotechnical Engineering*, Geotechnical Special Publication No. 211, Proceedings of GeoFrontiers 2011, Han, J. and Alzamora, D.E. (editors), Dallas, TX, March 13 to 16, 322-331.
22. Thakur, J.K., Han, J., Leshchinsky, D., Halahmi, I., and Parsons, R.L. (2011). "Creep deformation of unreinforced and geocell-reinforced recycled asphalt pavements." *Advances in Geotechnical Engineering*, Geotechnical Special Publication No. 211, Proceedings of GeoFrontiers 2011, Han, J. and Alzamora, D.E. (editors), Dallas, TX, March 13 to 16, 4723-4732.
23. Pierson, M.C., Parsons, R.L., Han, J., Brennan, J.J. (2011). "Influence of geogrid stiffness values on shaft group lateral capacities and deflections behind an MSE wall." *Advances in Geotechnical Engineering*, Geotechnical Special Publication No. 211, Proceedings of

- GeoFrontiers 2011, Han, J. and Alzamora, D.E. (editors), Dallas, TX, March 13 to 16, 3756-3765.
24. Corey, R. and Han, J. (2011). "Numerical analysis of soil stress distribution under restrained and eccentrically loaded footings considering soil strength." *Advances in Geotechnical Engineering*, Geotechnical Special Publication No. 211, Proceedings of GeoFrontiers 2011, Han, J. and Alzamora, D.E. (editors), Dallas, TX, March 13 to 16, 303-311.
 25. Thakur, S.C., Han, J., Chong, W.K., and Parsons, R.L. (2011). "Comparison of physical and consensus properties of RAP aggregate extracted by ignition and centrifuge methods." *Advances in Geotechnical Engineering*, Geotechnical Special Publication No. 211, Proceedings of GeoFrontiers 2011, Han, J. and Alzamora, D.E. (editors), Dallas, TX, March 13 to 16, 4525-4534.
 26. Qian, Y., Han, J., Pokharel, S.K., and Parsons, R.L. (2011). "Determination of resilient modulus of subgrade using a cyclic plate loading test." *Advances in Geotechnical Engineering*, Geotechnical Special Publication No. 211, Proceedings of GeoFrontiers 2011, Han, J. and Alzamora, D.E. (editors), Dallas, TX, March 13 to 16, 4743-4751.
 27. Yang, X., Han, J., Pokharel, S.K., Manandhar, C., Parsons, R.L., Leshchinsky, D., and Halahmi, I., (2010). "Accelerated pavement testing of unpaved roads with geocell-reinforced sand bases." Presentation at Annual Transportation Research Board Meeting.
 28. Han, J. and Bhandari, A. (2010). "The influence of geogrid aperture size on the behavior of reinforced granular bases." Proceedings, International Symposium on Geomechanics and Geotechnics: From Micro to Macro, Oct. 10-12, Shanghai, China, Jiang, M., Liu, F., and Bolton, M. (eds.), 683-687.
 29. Lin, C., Bennett, C., Han, J., and Parsons, R.L. (2010). "*p-y* based approach for buckling analysis of axially loaded piles under scoured conditions." *Proceedings of SEI 2010 Structures Congress*, Orlando, FL.
 30. Han, J., Pokharel, S.K., and Parsons, R.L., Leshchinsky, D., and Halahmi, I. (2010). "Effect of infill material on the performance of geocell-reinforced bases." *Geosynthetics for A Challenging World*, E.M. Palmeira, D.M., Vidal, A.S.J.F. Sayao, and M. Ehrlich (eds.), *Proceedings of the 9th International Conference on Geosynthetics*, Brazil, May 23-27, 2010, 1503-1506.
 31. Dong, Y.L., Han, J., Qian, Y., and Bai, X.H. (2010). "Behavior of triaxial geogrid-reinforced bases under static loading." *Geosynthetics for A Challenging World*, E.M. Palmeira, D.M., Vidal, A.S.J.F. Sayao, and M. Ehrlich (eds.), *Proceedings of the 9th International Conference on Geosynthetics*, Brazil, May 23-27, 2010, 1547-1550.
 32. Jeon, H.Y., Yuu, J.J., and Han, J. (2010). "Objectification suggestion for installation damage evaluation of geosynthetics." *Geosynthetics for A Challenging World*, E.M. Palmeira, D.M., Vidal, A.S.J.F. Sayao, and M. Ehrlich (eds.), *Proceedings of the 9th International Conference on Geosynthetics*, Brazil, May 23-27, 2010, 833-837.
 33. Han, J. (2010). "Consolidation settlement of stone column-reinforced foundations in soft soils." Invited, *New Technologies on Soft Soils, Proceedings of Symposium on New Techniques for Design and Construction on Soft Clays*, M. Almeida (ed.), Brazil, May 22-23, 167-179.
 34. Huang, J., Han, J., and Zheng, J.J. (2010). "3D parametric study of geosynthetic-reinforced column-supported embankments based on coupled hydraulic and mechanical modeling." *Ground Improvement and Geosynthetics*, Geotechnical Special Publication No. 207, A.J. Puppala, J. Huang, J. Han, and L.R. Hoyos (eds.), Proceedings of the GeoShanghai International Conference 2010, June 3 to 5, Shanghai, China, 318-327.
 35. Dong, Y.-L., Han, J., and Bai, X.-H. (2010). "Bearing capacities of geogrid-reinforced sand bases under static loading." *Ground Improvement and Geosynthetics*, Geotechnical Special Publication No. 207, A.J. Puppala, J. Huang, J. Han, and L.R. Hoyos (eds.), Proceedings of the GeoShanghai International Conference 2010, June 3 to 5, Shanghai, China, 275-281.

36. Lin, C., Bennett, C.R., Parsons, R.L., and Han, J. (2010). "Analysis of bridge response considering water-soil-pile-structure interaction under a scoured condition." *Proceedings of the GeoShanghai International Conference 2010*, June 3 to 5, Shanghai, China.
37. Huang, X.-Z., Han, J., Yan, F.X., and Fan, J.Z. (2010). "Stability analysis of geosynthetic-reinforced cushion foundations." *Ground Improvement and Geosynthetics*, Proceedings of the GeoShanghai International Conference 2010, June 3 to 5, Shanghai, China, 287-294.
38. Thakur, S.C., Han, J., Chong, W.K., and Parsons, R.L. (2010). "Laboratory evaluation of physical and mechanical properties of recycled asphalt pavement as a base course material." *Proceedings of the GeoShanghai International Conference 2010*, June 3 to 5, Shanghai, China.
39. Lin, C., Han, J., Bennett, C., and Parsons, R.L. (2010). "Effects of scour on sand resistance to laterally loaded piles considering stress history." Poster presentation at the TRB 89th Annual Meeting, January 10 to 14, Washington, DC.
40. Han, J. and Lin, C. (2010). "A feasibility study on reducing flowability of vacuum tower bottoms using aggregate." *Proceedings of ASCE Geo-Institute GeoFlorida 2010*, West Palm Beach, Florida, February 20 to 24.
41. Corey, R. and Han, J. (2010). "Analysis of structurally restrained eccentrically loaded footings." *Proceedings of ASCE Geo-Institute GeoFlorida 2010*, West Palm Beach, Florida, February 20 to 24.
42. Dong, Y.-L., Han, J., and Bai, X.-H. (2010). "A numerical study on stress-strain responses of biaxial geogrids under tension at different directions." *Proceedings of ASCE Geo-Institute GeoFlorida 2010*, West Palm Beach, Florida, February 20 to 24, *Advances in Analysis, Modeling & Design*, Geotechnical Special Publication No. 199, 2551-2560.
43. Qian, Y., Han, J., Pokharel, S.K., and Parsons, R.L. (2010). "Experimental study on triaxial geogrid-reinforced bases over weak subgrade under cyclic loading." *Proceedings of ASCE Geo-Institute GeoFlorida 2010*, West Palm Beach, Florida, February 20 to 24.
44. Han, J., Bhandari, A., and Parsons, R.L. (2009). "Influence of base course gradation on response of granular bases under cyclic loading: a micromechanical study." *Proceedings of the 17th International Conference on Soil Mechanics and Geotechnical Engineering*, Alexandria, Egypt 5-9 October 2009, 893-896.
45. Bhandari, A., Han, J., and Wang, F. (2009). "Micromechanical analysis of soil arching in geosynthetic-reinforced pile-supported embankments." *ASCE Geotechnical Special Publication No. 189, Characterization, Modeling, and Performance of Geomaterials*, Zhang, Yu, Fu, and Zhang (eds.), GeoHunan International Conference on Challenges and Recent Advances in Pavement Technologies and Transportation Geotechnics, Hunan, China, Hunan, August 3-6, 47-52.
46. Chen, J.F., Yu, S.B., and Han, J. (2009). "Numerical modeling of a reinforced embankment based on centrifuge test." *ASCE Geotechnical Special Publication No. 189, Characterization, Modeling, and Performance of Geomaterials*, Zhang, Yu, Fu, and Zhang (eds.), GeoHunan International Conference on Challenges and Recent Advances in Pavement Technologies and Transportation Geotechnics, Hunan, China, Hunan, August 3-6, 69-76.
47. Bennett, C.R., Lin, C., Parsons, R.L., and Han, J. (2009). "Evaluation of behavior of a laterally loaded bridge pile group under scour conditions." *Proceedings of SEI 2009 Structures Congress*, Texas, April 29-May 2, 2009, 290-299.
48. Pokharel, S.K., Han, J., Parsons, R.L., Qian, Y., Leshchinsky, D., and Halahmi, I. (2009). "Experimental study on bearing capacity of geocell-reinforced bases." *Proceedings of the 8th International Conference on the Bearing Capacity of Roads, Railways, and Airfields*, Champaign, Illinois, June 29 to July 2, *Bearing Capacity of Roads, Railways and Airfields*, Vol. 2, E. Tutumluer and I.L. Al-Qadi (eds.), 1159-1166.
49. Han, J., Yang, X.M., Chen, J.F., and Porbaha, A. (2009). "Settlement calculation of deep mixed foundations." *Proceedings of International Symposium on Deep Mixing & Admixture Stabilization*, Okinawa, Japan, May 19-21.

50. Lu, X., Filz, G., and Han, J. (2009). "Dynamic compaction of fill in a mountainous area." *Advances in Ground Improvement*, Geotechnical Special Publication No. 188, J. Han, G. Zheng, V.R. Schaefer, M.S. Huang (eds.), Proceedings of the US-China Workshop on Ground Improvement Technologies, March 14, Orlando, Florida, 281-289.
51. Han, J. and Bhandari, A. (2009). "Evaluation of geogrid-reinforced pile-supported embankments under cyclic loading using discrete element method." *Advances in Ground Improvement*, Geotechnical Special Publication No. 188, J. Han, G. Zheng, V.R. Schaefer, M.S. Huang (eds.), Proceedings of the US-China Workshop on Ground Improvement Technologies, March 14, Orlando, Florida, 73-82.
52. Huang, J. and Han, J. (2009). "Approaches for 2D coupled modeling of column-supported embankments." *Advances in Ground Improvement*, Geotechnical Special Publication No. 188, J. Han, G. Zheng, V.R. Schaefer, M.S. Huang (eds.), Proceedings of the US-China Workshop on Ground Improvement Technologies, March 14, Orlando, Florida, 36-45.
53. Bhandari, A. and Han, J. (2009). "DEM study of a shallow foundation under vertical loading." *Contemporary Topics in Ground Modification, Problem Soils, and Geo-Support*, Geotechnical Special Publication No. 187, M. Iskander, D.F. Laefer, and M.H. Hussein (eds.), International Foundation Congress & Equipment Expo 2009 - IFCEE '09, March 15-19, Orlando, Florida, 465-472.
54. Lin, C., Zhu, W., and Han, J. (2009). "Geotechnical properties of solidified sludge by mixing cement and calcium-bentonite." *Contemporary Topics in Ground Modification, Problem Soils, and Geo-Support*, Geotechnical Special Publication No. 187, M. Iskander, D.F. Laefer, and M.H. Hussein (eds.), International Foundation Congress & Equipment Expo 2009 - IFCEE '09, March 15-19, Orlando, Florida, 281-288.
55. Ye, F., Jia, X.-Y., Zhu, T.-T., and Han, J. (2009). "Laboratory study on recycled building waste materials for road construction." *Contemporary Topics in Ground Modification, Problem Soils, and Geo-Support*, Geotechnical Special Publication No. 187, M. Iskander, D.F. Laefer, and M.H. Hussein (eds.), International Foundation Congress & Equipment Expo 2009 - IFCEE '09, March 15-19, Orlando, Florida, 417-424.
56. Liang, F.-Y., Bennett, C.R., Parsons, R.L., Han, J., and Lin, C. (2009). "A literature review on behavior of scoured piles under bridges." *Contemporary Topics in In Situ Testing, Analysis, and Reliability of Foundations*, Geotechnical Special Publication No. 186, M. Iskander, D.F. Laefer, and M.H. Hussein (eds.), Geotechnical Special Publication No. 186, M. Iskander, D.F. Laefer, and M.H. Hussein (eds.), International Foundation Congress & Equipment Expo 2009 - IFCEE '09, March 15-19, Orlando, Florida, 482-489.
57. Parsons, R. L., Pierson, M., Han, J., and Brennan, J.J., and Brown, D.A. (2009). "Lateral load capacity of cast-in-place shafts behind an MSE wall." *Contemporary Topics in In Situ Testing, Analysis, and Reliability of Foundations*, Geotechnical Special Publication No. 186, M. Iskander, D.F. Laefer, and M.H. Hussein (eds.), International Foundation Congress & Equipment Expo 2009 - IFCEE '09, March 15-19, Orlando, Florida, 560-567.
58. Pierson, M., Parsons, R. L., Han, J., Brennan, J.J., and Vulova, C. (2009). "Instrumentation of an MSE wall containing laterally loaded drilled shafts." *Contemporary Topics in Ground Modification, Problem Soils, and Geo-Support*, Geotechnical Special Publication No. 187, M. Iskander, D.F. Laefer, and M.H. Hussein (eds.), International Foundation Congress & Equipment Expo 2009 - IFCEE '09, March 15-19, Orlando, Florida, 353-360.
59. Pokharel, S.K., Han, J., Leshchinsky, D., Parsons, R.L., and Halahmi, I. (2009). "Behavior of geocell-reinforced granular bases under static and repeated loads." *Contemporary Topics in Ground Modification, Problem Soils, and Geo-Support*, Geotechnical Special Publication No. 187, M. Iskander, D.F. Laefer, and M.H. Hussein (eds.), International Foundation Congress & Equipment Expo 2009 - IFCEE '09, March 15-19, Orlando, Florida, 409-416.
60. Han, J., Yang, X.M., Parsons, R.L., and Henthorne, R. (2009). "Side resistance factor for serviceability-based design of drilled shafts in weak rock calibrated using O-cell test data." *Contemporary Topics in In Situ Testing, Analysis, and Reliability of Foundations*,

- Geotechnical Special Publication No. 186, M. Iskander, D.F. Laefer, and M.H. Hussein (eds.), International Foundation Congress & Equipment Expo 2009 - IFCEE '09, March 15-19, Orlando, Florida, 292-299.
61. Chen, L., Liu, S.Y., Han, J., and Zhang, D.W. (2009). "Numerical analysis of consolidation of soft ground improved by the DJM-PVD combined method." *Contemporary Topics in Ground Modification, Problem Soils, and Geo-Support*, Geotechnical Special Publication No. 187, M. Iskander, D.F. Laefer, and M.H. Hussein (eds.), International Foundation Congress & Equipment Expo 2009 - IFCEE '09, March 15-19, Orlando, Florida, 321-328.
 62. Parsons, R.L., Pierson, M.C., Han, J., Vulova, C., and Brennan, J.J. (2009). "Longer Term Monitoring of Strains in MSE Wall." *Proceedings of Geosynthetics' 2009*, Salt Lake City, February 25-27, 300-307.
 63. Bhandari, A., Han, J., and Parsons, R.L. (2009). "Discrete element method investigation of geogrid-aggregate interaction under a cyclic wheel load." Poster presentation and CD publication at the TRB 88th Annual Meeting, January 11 to 15, Washington, DC.
 64. Bhandari, A. and Han, J. (2009). "Evaluation of high-capacity composite spun piles." Oral presentation and CD publication at the TRB 88th Annual Meeting, January 11 to 15, Washington, DC.
 65. Pokharel, S.K., Han, J., Leshchinsky, D., Parsons, R.L., and Halahmi, I. (2009). "Experimental evaluation of influence factors for single geocell-reinforced sand." Oral presentation and CD publication at the TRB 88th Annual Meeting, January 11 to 15, Washington, DC.
 66. Pierson, M.C., Parsons, R.L., Han, J., and Brennan, J.J. (2009). "Load-deflection responses of laterally loaded shafts in an MSE wall." Poster presentation and CD publication at the TRB 88th Annual Meeting, January 11 to 15, Washington, DC.
 67. Han, J., Wang, F., and Miao, L.C. (2008). "Numerical analysis of embankments supported by geosynthetics over drilled shafts in karst terrains." *11th Multidisciplinary Conference on Sinkholes and the Engineering and Environmental Impacts of Karst: Integrating Science and Engineering to Solve Karst Problems*, 22-26 September, Tallahassee, FL, 535-544.
 68. Bhandari, A., Han, J., and Parsons, R.L. (2008). "DEM analysis of geotextile-soil interaction under wheel loading." *Proceedings of Research Symposium on Characterization and Behavior of Interfaces*, J.D. Frost (ed.), Atlanta, GA, September 21, 2008.
 69. Zhang, Y.Z., Han, J., and Parsons, R.L. (2008). "Experimental study of deformation effect on geosynthetic-soil interaction." *Proceedings of the 4th International Symposium - Deformation Characteristics of Geomaterials*, Burns, Mayne, and Santamarina (eds.), 22-24 September, Atlanta, GA, 643-647.
 70. Han, J., Yang, X.M., Leshchinsky, D., Parsons, R.L., and Rosen, A. (2008). "Numerical analysis for mechanisms of a geocell-reinforced base under a vertical load." *Proceedings of the 4th Asian Regional Conference on Geosynthetics*, June 17-20, Shanghai, China, 741-746.
 71. Han, J., Chen, J.F., and Hong, Z.S. (2008). "Geosynthetic reinforcement for riverside slope stability of levees due to rapid drawdown." *Geotechnical Engineering for Disaster Mitigation and Rehabilitation, Proceedings of the 2nd International Conference on Geotechnical Engineering for Disaster Mitigation & Rehabilitation (GEDMAR08)*, Liu, Deng & Chu (eds), May 30 to June 2, Nanjing, China, 153-158.
 72. Han, J., Zhang, Y.Z., and Parsons, R.L. (2008). "Development of a performance-based laboratory test method for evaluating geosynthetic-soil confinement." *Poster presentation and CD publication at the TRB 87th Annual Meeting*, January 13 to 17, Washington, DC.
 73. Han, J., Yang, X.M., Leshchinsky, D., and Parsons, R.L. (2008). "Behavior of geocell-reinforced sand under a vertical load." *Presentation and CD publication at the TRB 87th Annual Meeting*, January 13 to 17, Washington, DC.

74. Yang, X.M., Han, J., and Parsons, R.L. (2008). "Resistance factors for drilled shafts in weak rocks based on O-cell test data." *Presentation and CD publication at the TRB 87th Annual Meeting*, January 13 to 17, Washington, DC.
75. Yang, X.M., Han, J., Parsons, R.L., and Henthorne, R. (2008). "Statistical analysis of O-Cell test data for nominal load capacities of drilled shafts." *GeoCongress 2008: Geosustainability and Geohazard Mitigation*, ASCE, 90-97.
76. Huang, J. and Han, J. (2008). "Critical height of deep mixed column-supported embankment under an undrained condition." *GeoCongress 2008: Geosustainability and Geohazard Mitigation*, ASCE, 638-645.
77. Han, J., Hong, Z.S., and Shen, S.L. (2008). "Stability of levees over soft soil improved by deep mixing technology." *GeoCongress 2008: Geosustainability and Geohazard Mitigation*, ASCE, 716-723.
78. Zhou, J., Han, J., and Jia, M.C. (2008). "Laboratory model study on densification of hydraulically-filled fine sands by vibro-compaction." *GeoCongress 2008: Geosustainability and Geohazard Mitigation*, ASCE, 700-707.
79. Shen, S.L., Han, J., and Hong, Z.S. (2008). "An approach to estimate the optimum depth of floating type column for embankment stability." *GeoCongress 2008: Geosustainability and Geohazard Mitigation*, ASCE, 678-685.
80. Ye, F., Jia, X.Y., and Han, J. (2008). "Evaluation of surface infiltration rate of permeable sidewalks under rainfall." *GeoCongress 2008: Geosustainability and Geohazard Mitigation*, ASCE, 546-553.
81. Huang, J., Han, J., and Parsons, R.L. (2008). "Two-dimensional parametric study on geosynthetic-reinforced column-supported embankments over soft soil." *Proceedings of the First Pan American Geosynthetics Conference & Exhibition*, 2-5 March, Cancun, Mexico, 1275-1284.
82. Yuu, J., Han, J., Rosen, Arik R., Parsons, R.L., and Leshchinsky, D. (2008). "Technical review of geocell-reinforced base courses over weak subgrade." *Proceedings of the First Pan American Geosynthetics Conference & Exhibition*, 2-5 March, Cancun, Mexico, 1022-1030.
83. Li, Y., Zhu, W.S., Zhang, Q.Y., Wang, H.P., Wang, W.T., and Han, J. (2008). "Development of a new type of steel structure rack apparatus for 3D geomechanical model tests and structural integrity assessment." *Proceedings of the International Young Scholars' Symposium on Rock Mechanics - Boundaries of Rock Mechanics Recent Advances and Challenges for the 21st Century*, 907-911.
84. Han, J. and Leshchinsky, D. (2007). "Stability analysis of back-to-back MSE walls." *Proceedings of the 5th International Symposium on Earth Reinforcement (IS Kyushu'07)*, November 14-16, Fukuoka, Japan, 487-490.
85. Leshchinsky, D. and Han, J. (2007). "Analytical framework for geosynthetic reinforced earth structures: Part I – Ideal approach." *Proceedings of GeoDenver 2007*.
86. Leshchinsky, D. and Han, J. (2007). "Analytical framework for geosynthetic reinforced earth structures: Part II – Practical approach." *Proceedings of GeoDenver 2007*.
87. Han, J. and Huang, J. (2007). "Validation of constitutive models for geosynthetic-reinforced column-supported embankments." *Proceedings of the International Workshop on Constitutive Modelling – Development, Implementation, Evaluation, and Application*, Hong Kong, China, January 12 to 13.
88. Han, J., Huang, J., Liu, S.Y., and Hong, Z.S. (2006). "Stresses and deformations induced by widening of existing embankments." *Proceedings of the International Symposium of Lowland Technology*, Saga University, Japan, September 14-16, 201-205.
89. Huang, J., Han, J., and J.G. Collin (2006). "Serviceability analysis of geomembrane in geosynthetic-reinforced column-supported platforms." *Advances in Earth Structures: Research to Practice*, ASCE Geotechnical Special Publication No. 151, *Proceedings of the GeoShanghai International Conference 2006*, edited by Han, Yin, White, and Lin, Shanghai, China, June 6 to 8, 211-216.
90. Ai, Z.Y. and Han, J. (2006). "A solution to plane strain consolidation of multi-layered soils." *Soil and Rock Behavior and Modeling*, ASCE Geotechnical Special Publication,

Proceedings of the GeoShanghai International Conference 2006, edited by Luna, Hong, Ma, and Huang, Shanghai, China, June 6 to 8, 176-183.

91. Yan, L., Yang, J.S., and Han, J. (2006). "Parametric study of geosynthetic-reinforced pile-supported embankments." *Advances in Earth Structures: Research to Practice, ASCE Geotechnical Special Publication No. 151, Proceedings of the GeoShanghai International Conference 2006*, edited by Han, Yin, White, and Lin, Shanghai, China, June 6 to 8, 255-261.
92. Huang, J., Han, J., and Porbaha, A. (2006). "Two and three-dimensional modeling of deep mixed columns under embankments." *Proceedings, the ASCE GeoCongress 2006*, Atlanta, GA, Feb. 27 to March 1.
93. Madhyannapu, R.S., Puppala, A.J., Hossain, S., Han, J., and Porbaha, A. (2006). "Analysis of geotextile reinforced embankment over deep mixed soil columns using numerical and analytical tools." *Proceedings, the ASCE GeoCongress 2006*, Atlanta, GA, Feb. 27 to March 1.
94. Han, J. and Leshchinsky, D. (2006). "Stability analyses of geosynthetic-reinforced earth structures using limit equilibrium and numerical methods." *Proceedings of the 8th International Geosynthetics Conference*, 18-22 September, Yokohama, Japan, 1347-1350.
95. Huang, J., Han, J., and Collin, J.G. (2006). "Deformations of geosynthetic-reinforced column-supported embankments." *Proceedings of the 8th International Geosynthetics Conference*, 18-22 September, Yokohama, Japan.
96. Collin, J.G., Han, J., and Huang, J. (2005). "Geosynthetic-reinforced column-support embankment design guidelines." *Proceedings, the North America Geosynthetics Society Conference*.
97. Han, J. and Collin, J.G. (2005). "Geosynthetic support systems over pile foundations." *Proceedings of the 18th Geosynthetic Research Institute (GRI) Conference*, Austin, TX, Jan. 24-26.
98. Huang, J., Collin, J.G., Han, J. (2005). "3D numerical modeling for a geosynthetic-reinforced pile-supported embankment –displacement analysis." *Proceedings of the 16th International Conference on Soil Mechanics and Geotechnical Engineering*, Osaka, Japan, Sept. 12-16, 913-916.
99. Collin, J.G., Watson, C.H., and Han, J. (2005). "Column-supported embankment solves time constraint for new road construction." *ASCE Geotechnical Special Publication (GSP) No. 131: Contemporary Issues in Foundation Engineering*, ASCE GeoFrontiers, Austin, TX, Jan. 24-26.
100. Han, J., Huang, J., and Porbaha, A. (2005). "2D numerical modeling of a constructed geosynthetic-reinforced embankment over deep mixed columns." *ASCE Geotechnical Special Publication (GSP) No. 131: Contemporary Issues in Foundation Engineering*, ASCE GeoFrontiers, Austin, TX, Jan. 24-26.
101. Ai, Z.Y., Han, J., and Yan, Y. (2005). "Elastic analysis of single pile-rigid circular raft systems in layered soils." *ASCE Geotechnical Special Publication (GSP) No. 132: Advances in Deep Foundations*, ASCE GeoFrontiers, Austin, TX, Jan. 24-26.
102. Gabr, M. and Han, J. (2005). "Geosynthetic reinforcement for soft foundations: US perspectives." *Invited paper, ASCE Geotechnical Special Publication (GSP) No. 141: International Perspectives on soil reinforcement applications*, ASCE GeoFrontiers, Austin, TX, Jan. 24-26.
103. Shen, S.L., Han, J., and Hong, Z.S. (2005). "Installation effects on properties of surrounding soils by different deep mixing methods." *ASCE Geotechnical Special Publication (GSP) No. 136: Innovations in Grouting and Soil Improvement*, ASCE GeoFrontiers, Austin, TX, Jan. 24-26.
104. Han, J., Parsons, R.J., Sheth, A.R., and Huang, J. (2005). "Factors of safety against deep-seated failure of embankments over deep mixed columns." *Deep Mixing 2005 Conference*, Sweden, Vol. 1.2, May 23-25, 2005, 231-236.
105. Han, J., Collin, J.G., and Huang, J. (2004). "Recent development of geosynthetic-reinforced column-supported embankments." *The 55th Highway Geology Symposium*, Kansas City, Missouri, September 7-10, 299-321.

106. Han, J. and Leshchinsky, D. (2004). "Limit equilibrium and continuum mechanics-based numerical methods for analyzing stability of MSE walls." *Proceedings of the 17th Engineering Mechanics Conference*, ASCE, University of Delaware, Newark, Delaware, USA, June 13-16.
107. Han, J., Sheth, A.R., Porbaha, A., and Shen, S.L. (2004). "Numerical analysis of embankment stability over deep mixed foundations." *ASCE Geotechnical Special Publication No. 126: Geotechnical Engineering for Transportation Projects*, GeoTrans 2004, ASCE, Los Angeles, California, USA, July 26-31, 1385-1394.
108. Han, J., Chai, J.C., Leshchinsky, D., and Shen, S.L. (2004). "Evaluation of deep-seated slope stability of embankments over deep mixed foundations." *Geotechnical Special Publication No. 124*, J.P. Turner and P.W. Mayne (eds), GeoSupport 2004, ASCE Geo-Institute and ADSC, Jan. 29-31, Orlando, 945-954.
109. Shen, S.L., Han, J., and Miura, N. (2004). "Laboratory evaluation of mixing energy consumption and its influence on soil-cement strength." *Presentation at 83rd Transportation Research Board Annual Meeting*.
110. Leshchinsky, D. and Hu, Y.H., and Han, J. (2003). "Design implications of limited reinforced zone space in SRW's." *GRI-17 Conference*, Las Vegas, Nevada, USA, Dec. 15-16, 292-303.
111. Han, J., Shen, S.L., Yang, J.S., and Yan, L. (2003). "Geosynthetic-reinforced and pile-supported embankments." *Proceedings of the 1st World Forum of Chinese Scholars in Geotechnical Engineering*, Tongji University, August, 309-318.
112. Shen, S.L., Miura, N., Han, J., and Koga, H. (2003). "Evaluation of Property Changes in Surrounding Clays due to Installation of Deep Mixing Columns." *Proceedings of the Third International Conference on Grouting and Ground Treatment*, New Orleans, ASCE Geotechnical Special Publication No. 120, edited by L.F. Johnsen, D.A., Bruce, and M.J. Byle, 634-645.
113. Han, J. and Akins, K. (2002). "Case studies of geogrid-reinforced and pile-supported earth structures on weak foundation soils." *Proc. of International Deep Foundation Congress*, Geotechnical Special Publication No. 116 – *Deep Foundations 2002*, edited by O'Neill and Townsend, ASCE, Orlando, 668-679.
114. Han, J., Leshchinsky, D., and Shao, Y. (2002). "Influence of tensile stiffness of geosynthetic reinforcements on performance of reinforced slopes." *Proceedings of Sixth International Conference on Geosynthetics*, Nice, France, A.A. Balkema Publishers, Vol. 1, 197-200.
115. Han, J. and Wayne, M. H. (2000). "Pile-soil-geosynthetic interactions in geosynthetic reinforced/piled embankments over soft soil." *Presentation and CD-Rom Paper at 79th Annual TRB meeting*.
116. Alzamora, D. E., Wayne, M. H., and Han, J. (2000). "Performance of SRW supported by geogrids and jet grout columns." *Performance Confirmation of Constructed Geotechnical Facilities*, ASCE Geotechnical Special Publication No. 94, edited by A.J. Lutenege and D.J. DeGroot, 456-466.
117. Han, J. (1999). "Design and construction of embankments on geosynthetic reinforced platforms supported by piles." *Invited Speaker, ASCE/PaDOT Geotechnical Seminar*, Hershey, PA, Apr. 14-16.
118. Wayne, M. H., Han, J., and Akins, K. (1998). "The design of geosynthetic reinforced foundations." *Design and Construction of Retaining Systems*, ASCE Geo-Institute Geotechnical Special Publication, No. 76, edited by John J. Bowders et al., 1-18.
119. Han, J. (1998). "Ground modification by a combination of dynamic compaction, dynamic consolidation, and dynamic replacement." *Proceedings of Fourth International Conference on Case Histories in Geotechnical Engineering*, March 8-15.
120. Han, J. (1998). "Stress and strain fields of a geosynthetic reinforced foundation vertically loaded by a concentrated force." *Proc. of Sixth International Conference on Geosynthetics*, 25-29 March, Atlanta.

121. Han, J. (1997). "A strain-softening constitutive law for smooth geomembrane/sand interfaces." *Proceeding of Geosynthetics' 97*, Finalist for the student paper competition, Long Beach, California.
122. Dove, J. E., Frost, J. D., Han, J. and Bachus, R. C. (1997). "The influence of geomembrane surface roughness on interface strength." *Proceedings of Geosynthetics' 97*, Long Beach, California.
123. Han, J. and Frost, J. D. (1997). "Stress-dependent friction coefficients for sliding particle interfaces", *Proceedings of Ninth International Conference of the International Association for Computer Methods and Advances in Geomechanics*, China, Nov. 2-7, 1997.
124. Ye, S. L., Han, J., Zhang, J. and Yang, W.D. (1994). "Loading tests of underpinned foundation by micropiles." *Proc. of 7th Chinese Conference on Soil Mechanics and Foundation Engineering*, Xian, China, in Chinese.
125. Zhang, J., Han, J., and Ye, S. L. (1994). "Consolidation characteristics of soil-cement mixing piles in clays." *Proc. of 7th Chinese Conf. on Soil Mechanics and Foundation Engineering*, Xian, China, in Chinese.
126. Han, J. and Ye, S.L. (1993). "Field study of an oil tank on the ground stabilized by stone columns." *Proc. of 3rd International Conf. on Case Histories in Geotechnical Engineering*, St. Louis, Missouri.
127. Zhang, J., Han, J., and Ye, S.L. (1993). "Theoretical analysis of pore water pressure distribution in the composite ground by soil-cement mixing piles." *Proc. of Symposium on Design and Construction of Deep Mixing Method*, Hangzhou, China, in Chinese.
128. Ye, S.L., Cai, W.M., and Han, J. (1992). "Soil improvement by deep mixing piles and stone columns." *Proceedings, U.S.-China Workshop on Cooperative Research in Geotechnical Engineering*, sponsored by National Science Foundation/USA and National Natural Science Foundation/PRC, Shanghai, 57-73.
129. Han, J. (1992). "Stone column techniques - general report." Invited speaker, *Proc. of 3rd Chinese Soil Improvement Conference*, Qengwangdao, China, in Chinese.
130. Ye, S. L. and Han, J. (1992). "Underpinning - general report." Invited Speakers, *Proc. of 3rd Chinese Soil Improvement Conference*, Qengwangdao, China, in Chinese.
131. Han, J. and Ye, S. L. (1992). "Consolidation degree of a composite ground by stone columns with well resistance and smear effects." *Proc. of 3rd Chinese Soil Improvement Conference*, Qengwangdao, China, in Chinese.
132. Han, J. and Ye, S. L. (1992). "Theory and practice of composite grounds." Published in the book *Theory and Practice of Soft Soils*, the Chinese Building Industry Press, in Chinese.
133. Han, J. and Ye, S. L. (1992). "Settlement analysis of buildings on the soft clays stabilized by stone columns." *Proc. of International Conf. on Soil Improvement and Pile Foundations*, Nanjing, China.
134. Han, J. and Ye, S. L. (1991). "Analysis of characteristics to composite grounds." *Proc. of First Young Asian Geotechnical Engineers Conference*, Thailand, 197-206.
135. Han, J. and Ye, S. L. (1991). "Field tests on clays stabilized by stone columns at coastal areas in China." *Proc. of 4th International Conference on Piling and Deep Foundations*, Stresa, Italy.
136. Han, J. and Ye, S. L. (1990). "Consolidation degree of the composite ground by ideal stone columns." *Proc. of Symposium on Composite Grounds*, Chengde, China, in Chinese.

Magazine Articles

1. Han, J. and J.P. Giroud (2012). "The Giroud-Han design method for geosynthetic-reinforced unpaved roads. Part II Recommendations for the proper use of the method." *Geosynthetics*, 30(2), 12-19.

2. Giroud, J.P. and Han, J. (2011). "The Giroud-Han design method for geosynthetic-reinforced unpaved roads. Part I The method development and its calibration." *Geosynthetics*, 30(1), 40-49.
3. Han, J., Pokharel, S.K., Yang, X., and Thakur, J.K. (2011). "Tough cell: geosynthetic reinforcement shows strong promise." *Roads & Bridges*, July Issue, 40-43.
4. Han, J., Parsons, R.L., Pierson, M.C., and Brennan, J.J. (2010). "MSE walls supported laterally loaded drilled shafts." *Geosynthetics*, June-July Issue, 43-49.
5. Wayne, M. and Han, J. (1998). "On-site soil usage with geogrid-reinforced SRWs." *Geotechnical Fabrics Report*, 16(3), 20-22.

Books and Chapters

1. Ling, H.I., Gottardi, G., Cazzuffi, D., Han, J., and Tatsuoka, F. (editors) (2013). *Design and Practice of Geosynthetic-Reinforced Soil Structures*. Honoring Research Achievement of Professor Dov Leshchinsky, 14-16 October, 2013, Bologna, Italy.
2. Han, J. and Alzamora, D.E. (editors) (2011). *Advances in Geotechnical Engineering*, Geotechnical Special Publication No. 211, Proceedings of GeoFrontiers 2011, Dallas, TX, March 13 to 16, 4,862p.
3. Puppala, A., Huang, J., Han, J., and Hoyos, L.R. (editors) (2010). *Ground Improvement and Geosynthetics*, ASCE Geotechnical Special Publication No. 207, 380p.
4. Han, J., Zheng, G., Schaefer, R.V., and Huang, M.S. (editors) (2009). *Advances in Ground Improvement: Research to Practice in the United States and China*, ASCE Geotechnical Special Publication No. 188, 322p.
5. Han, J., Yin, J.H., White, D.J., and G. Lin (editors) (2006). *Advances in Earth Structures: Research to Practice*. ASCE Geotechnical Special Publication No. 151, 376p.
6. Ye, S.L. and Han, J. et al. (1996). *Shanghai Soil Improvement Design and Construction Code*. The Shanghai Engineering Construction Standard Office, in Chinese.
7. Ye, S.L., Han, J., and Ye, G.B. (1995). *Soil Improvement and Underpinning*. The Chinese Building Industry Press, 2nd Edition, in Chinese.
8. Han, J. and Xu, B.S. (1994). *Soil Modification Handbook* - Chapter 12 Underpinning. The Liaoning Technology Press, P.R. China, in Chinese.

Technical Reports

1. Han, J., Acharya, R., Parsons, R.L., and Khatri, D. (2013). Improved Load Distribution for Load Rating of Low-fill Box Structures. Final Report No. K-Tran KU-12-3, 208p.
2. Han, J., Gautam, A., Pokharel, S.K., and Parsons, R.L. (2012). Tolerable Strains for HMA Overlays over Concrete Pavements. Final Report No. K-Tran KU-08-3, 113p.
3. Bhagaban Acharya, Jie Han, Jitendra K. Thakur, and Robert L. Parsons (2012). Onsite Use of Recycled Asphalt Pavement Materials and Geocells to Reconstruct Damaged Pavements by Heavy Trucks. Final Report MATC-KU: 462, the Mid-America Transportation Research Center.
4. Parsons, R.L., Jowkar, M., and Han, J. (2012). Performance of Geogrid Reinforced Ballast under Dynamic Loading. Final Report MATC-KU: 363, the Mid-America Transportation Research Center.
5. Pokharel, S., Parsons, R.L., Pierson, M., Han, J., and Willems, I. (2011). Use of Flexible Facing for Soil Nail Walls. Final Report No. KU-10-06.
6. Han, J., Thakur, S.C., Chong, O., and Parsons, R.L. (2011). Laboratory Evaluation of Characteristics of Recycled Asphalt Pavement (RAP) in Kansas. Final Report, Report No. K-TRAN: KU-09-2, 153p.
7. Yang, X.M., Han, J., and Parsons, R.L. (2010). Development of Recommended Resistance Factors for Drilled Shafts in Weak Rocks Based on O-cell Tests. Final Report, Report No. K-TRAN: KU-07-4.

8. Yang, X.M., Han, J., and Chen, J.F. (2010). Numerical Analysis of Load Transfer Mechanisms of Rammed Aggregate Pier Systems. Final Report, submitted to Geopiers Foundation.
9. Han, J. and Shiwakoti, H. (2009). Development of a Rapid Test to Determine Moisture Sensitivity of HMA (Superpave) Mixtures. Final Report, Report No. K-TRAN: KU/KSU-07-5.
10. Pierson, M., Parsons, R.L., and Han, J. (2009). Capacity of Laterally Loaded Shafts Constructed Behind the Face of a Mechanically Stabilized Earth Block Wall. Final Report, Report No. K-TRAN: KU-07-6, 237p.
11. Han, J. and Huang, J. (2005). Development of Design Charts for Geosynthetically Reinforced Embankments on Deep Mixed Columns. Final Report, submitted to FHWA and the National Deep Mixing Program, May, 197p.
12. Collin, J.G., Han, J., and Huang, J. (2005). Numerical Analysis of Column-Supported Embankments. Final Report, submitted to FHWA, July.
13. Han, J. and Sheth, A. (2003). Development of design Charts for Geosynthetically Reinforced Embankments on Deep Mixed Columns – Interim Report II: Two-Dimensional Analyses and Results, submitted to the National Deep Mixing Program, November, 100p.
14. Leshchinsky, D. and Han, J. (2003). Analysis and Design of Multi-Tier Mechanically Stabilized Earth Wall Systems. Research Report, submitted to Delaware Department of Transportation and National Concrete Masonry Association, June, 27p.
15. Han, J. (2003). Influence of Curing Conditions on Strengths of Soft Clay-Cement Mixtures. Research Report, Submitted to Provost of Widener University, June, 23p.
16. Han, J. (2003). Development of design Charts for Geosynthetically Reinforced Embankments on Deep Mixed Columns – Interim Report I: Literature Review, submitted to the National Deep Mixing Program, January, 234p.
17. A New Design Methods for Geosynthetic-Reinforced Unpaved Roads, Tensar Earth Technologies, Inc., Internal Report, March 2001.
18. Design Guidelines for Mesa Retaining Wall Systems, Tensar Earth Technologies, Inc., 1999.
19. Barksdale, R. D., Han, J., Miller, S. L. and Thompson, S. (1995). “Optimum design of stone matrix asphalt mixes.” GDOT Research Project No. 9217 (Georgia Tech E20 - X42), Final Report.
20. Han, J., Ye, G. B. (1995). “Design of foundations on double soil layer systems.” Funded by the Shanghai Building and Construction Research Foundation, Final Report, in Chinese.
21. Ye, S. L., Han, J., Yang, W. D. (1993). “Experimental and theoretical studies of micropiles and their applications.” Funded by the Shanghai Science and Technology Research Foundation, Final Report, in Chinese.
22. Ye, S. L. and Han, J. (1989). “Experimental and theoretical studies of stone columns in soft soils.” Funded by the Shanghai Building and Construction Research Foundation, Final Report, in Chinese.