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Refereed Journal Publications (*Denotes Student/Former Student Co-Author)

1. Xu P, Meng Y, Zhong Y, Hatami K, Li T, Yang G and Liang X, **2024**. Stability Analysis of MSE Walls with Stepped Reinforcement Design, *International Journal of Geosynthetics and Ground Engineering*, Springer, <https://doi.org/10.1007/s40891-024-00581-z>.
2. Xu P, Zhong Y, Hatami K, Yang G, Liu W and Jiang G, **2024**. Centrifuge and limit analysis investigation of hybrid wrapped-face, full-height panel MSE walls on clay foundation, *Transportation Geotechnics*, <https://doi.org/10.1016/j.trgeo.2024.101308>.
3. Zare P*, Sheikhi Narani S, Hatami K, Abbaspour M and Siddiqua S, **2024**. Cyclic Loading Behavior of Concrete with Thermally-Induced Damage, *Journal of Building Engineering*, 91(15), <https://doi.org/10.1016/j.jobe.2024.109594>.
4. Xu P, Li T, Hatami K and Yang G, **2024**. Upper-bound limit analysis of MSE walls subjected to strip footing load. *Geosynthetics International*, 13(1): 54-66, <https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.22.00154>.
5. Abdi MR, Mirzaeifar H, Asgardun Y and Hatami K, **2024**. Assessment of pegged geogrid (PG) pullout performance in coarse-grained soils using PIV analysis, *Geotextiles and Geomembranes*, 52(1): 27-45, <https://doi.org/10.1016/j.geotexmem.2023.09.001>.
6. Xu P, Zhong Y, Hatami K, Yang G, Liu W and Jiang G, **2023**. Influence of Reinforcement Design on Seismic Stability of Full-Height Panel MSE Walls. *Soil Dynamics and Earthquake Engineering*, Volume 165, February, <https://doi.org/10.1016/j.soildyn.2022.107674>.
7. Xu P, Li T, Hatami K, Yang G and Liang X, **2022**. Finite element limit analysis of load-bearing performance of reinforced slopes using a non-associated flow rule. *Geotextiles and Geomembranes*, 50(5), 1020-1035, <https://doi.org/10.1016/j.geotexmem.2022.07.002>.
8. Mirzaeifar H, Hatami K and Abdi MR, **2022**. Pullout Testing and Particle Image Velocimetry (PIV) Analysis of Geogrid Reinforcement Embedded in Granular Drainage Layers. *Geotextiles and Geomembranes*, 50(6): 1083-1109, <https://doi.org/10.1016/j.geotexmem.2022.06.008>. (*Among Most Downloaded*)
9. Xu P, Hatami K, Yang G, Li T and Liang X, **2022**. Influence of facing toe condition on the bearing capacity and failure mechanisms of full-height panel MSE walls under footing load. *Geosynthetics International*, (29)6: 593-609, <https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.21.00039a>.
10. Hatami K and Boutin J*, **2022**. Influence of backfill type on the load-bearing performance of GRS bridge abutments. *Geosynthetics International*, 29(5): 506-519, (**Honorable Mention for Best Paper in GI in 2022**), <https://www.icevirtuallibrary.com/doi/abs/10.1680/jgein.21.00052>.
11. Xu P, Yang G, Li T and Hatami K, **2021**. Finite element limit analysis of bearing capacity of footing on back-to-back reinforced soil retaining walls. *Transportation Geotechnics*, Volume 30, September,

- 100596, <https://doi.org/10.1016/j.trgeo.2021.100596>.
12. Hatami K and Doger R*, 2021. Load-Bearing Performance of Model GRS Bridge Abutments with Different Facing and Reinforcement Spacing Configurations. *Geotextiles and Geomembranes*, 49(5): 1139-1148, <https://doi.org/10.1016/j.geotexmem.2021.03.008>.
 13. Xu P, Hatami K and Jiang G, 2021. Shaking table study on the influence of ground motion frequency on the performance of MSE walls. *Soil Dynamics and Earthquake Engineering*, <https://doi.org/10.1016/j.soildyn.2021.106585>.
 14. Xu P, Hatami K and Jiang G, 2021. Shaking table performance of reinforced soil retaining walls with different facing configurations. *Geotextiles and Geomembranes*, 49(3): 516-527, <https://doi.org/10.1016/j.geotexmem.2020.10.003>.
 15. Doger R* and Hatami K, 2020. Influence of Facing on the Performance of GRS Bridge Abutments, *International Journal of Geosynthetics and Ground Engineering*, Springer, 6(4) Article number: 42, <https://doi.org/10.1007/s40891-020-00225-y>.
 16. Xu P, Hatami K and Bao J-J and Li T, 2020. Bearing capacity and failure mechanisms of two-tiered reinforced soil retaining walls under footing load. *Computers and Geotechnics*, 128, December, <https://doi.org/10.1016/j.compgeo.2020.103833>.
 17. Xu P, Li T and Hatami K, 2020. Limit analysis of bearing capacity and failure geometry of GRS bridge abutments. *Computers and Geotechnics*, 127, November, <https://doi.org/10.1016/j.compgeo.2020.103758>.
 18. Xu P, Hatami K and Jiang G, 2020. Centrifuge model study of reinforced soil walls with different backfill compaction densities. *Geosynthetics International*, 27(5): 538-550, <https://doi.org/10.1680/jgein.20.00018>.
 19. Hassanikhah A*, Miller GA and Hatami K, 2020. Laboratory Investigation of Unsaturated Clayey Soil-Geomembrane Interface Behavior using Suction-Controlled Direct Shear Tests. *Geosynthetics International*, 27(4): 379-393, <https://doi.org/10.1680/jgein.20.00002>.
 20. Xu P, Hatami K and Jiang G, 2020. Shaking table study on the influence of facing on reinforced soil wall connection loads. *Geosynthetics International*, 27(4): 364-378, <https://doi.org/10.1680/jgein.20.00001>.
 21. Xu P, Hatami K and Jiang G, 2020. Seismic rotational stability analysis of reinforced soil retaining walls. *Computers and Geotechnics*, 118 (February): 9p, [10.1016/j.compgeo.2019.103297](https://doi.org/10.1016/j.compgeo.2019.103297).
 22. Xu P, Hatami K and Jiang, G, 2020. Study on seismic stability and performance of reinforced soil walls using shaking table tests. *Geotextiles and Geomembranes*, 48(1): 82-97, (**Most Downloaded Geotextiles and Geomembranes Articles**), <https://doi.org/10.1016/j.geotexmem.2019.103507>.
 23. Xu P, Hatami K and Jiang, G, 2019. Seismic sliding stability analysis of reinforced soil retaining walls. *Geosynthetics International*, 26(5): 485-496, <https://doi.org/10.1680/jgein.19.00033>.
 24. Xu P and Hatami K, 2019. Sliding stability and lateral displacement analysis of reinforced soil retaining walls. *Geotextiles and Geomembranes*, 47(4): 483-492, (**Most Downloaded Geotextiles and Geomembranes Articles**), [10.1016/j.geotexmem.2019.03.004](https://doi.org/10.1016/j.geotexmem.2019.03.004).
 25. Xu P, Hatami K and Li T, 2019. Natural frequencies of full-height panel reinforced soil walls of variable cross-section. *Geosynthetics International*, Institution of Civil Engineers, London, UK, 26(3): 320-331, <https://doi.org/10.1680/jgein.19.00049>.

26. Yazdani H*, Ghasemi H, Wallace C and Hatami K, **2019**. Mechanical properties of carbon nanotube-filled polyethylene composites: A molecular dynamics simulation study. *Polymer Composites*, Society of Plastics Engineers, Wiley, 40(S2): E1850-E1861, DOI: 10.1002/pc.25175.
27. Yazdani H* and Hatami K, **2018**. Discussion Paper on “Laboratory tests on the engineering properties of sensor-enabled geobelts (SEGB)” by ‘Cui et al., *Geotextiles and Geomembranes*, 46 (2018) 66-76’, 46 (2018) 678-680.
28. Esmaili D* and Hatami K, **2017**. Comparative Study of Measured Suction in Fine-Grained Soil using Different In-Situ and Laboratory Techniques. *International Journal of Geosynthetics and Ground Engineering*, (3)27: 9p, September, (<https://link.springer.com/article/10.1007/s40891-017-0104-8>).
29. Yazdani H*, Hatami K and Eftekhari M, **2017**. Mechanical Properties of Single-Walled Carbon Nanotubes: A Comprehensive Molecular Dynamics Study. *Materials Research Express*, (4)3: 15p Institute of Physics (IOP) Publishing, UK, May (<http://iopscience.iop.org/article/10.1088/2053-1591/aa7003>).
30. Zheng Y*, Hatami K and Miller GA, **2017**. Numerical Modeling of the Wetting-Induced Settlement of Embankments. *Invited Paper, ASCE Journal of Performance of Constructed Facilities*, Special issue on Unsaturated Soil-Related Geo-hazard, 31(3): 11p, June, ([http://dx.doi.org/10.1061/\(ASCE\)CF.1943-5509.0000993](http://dx.doi.org/10.1061/(ASCE)CF.1943-5509.0000993)).
31. Yazdani H*, Khatibinia M, Gharehbaghi S and Hatami K, **2017**. Probabilistic Performance-Based Optimum Seismic Design of RC Structures Considering Soil-Structure Interaction Effects. *ASCE-ASME Journal of Risk and Uncertainty and in Engineering Systems, Part A: Civil Engineering*, Special Issue on Interdisciplinary Applications of Reliability Analysis, Risk Analysis and Optimization, 3(2): 12p, June, DOI: 10.1061/AJRUA6.0000880.
32. Zheng Y*, Hatami K and Miller GA, **2017**. Influence of Compaction Moisture Content on Wetting-Induced Settlement of Embankments. *International Journal of Geosynthetics and Ground Engineering*, Springer, 3(1)-7: 10p (March), DOI 10.1007/s40891-017-0085-7.
33. Yazdani H* and Hatami K, **2016**. Sensor-Enabled Geogrids for Stabilization and Performance Monitoring of Earth Structures: State of Development. *International Journal of Geosynthetics and Ground Engineering*, Springer, 2(4)-37: <https://link.springer.com/article/10.1007/s40891-016-0077-z>.
34. Hatami K, Esmaili D*, Chan E* and Miller GA, **2016**. Moisture Reduction Factors for Shear Strength of Unsaturated Reinforced Embankments. *Invited Paper, ASCE International Journal of Geomechanics*, Special issue on Experimental and Computational Geomechanics for Unsaturated Soils, 16(6), 10.1061/(ASCE)GM.1943-5622.0000624.
35. Yazdani H*, Smith BE and Hatami K, **2016**. Electrical conductivity and mechanical performance of multiwalled CNT-filled polyvinyl chloride composites subjected to tensile load. *Applied Polymer Science*, Wiley, 133(29) (DOI: 10.1002/APP.43665).
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37. Yazdani H*, Hatami K and Grady BP, **2016**. Sensor-Enabled Geogrids for Performance Monitoring of

- Reinforced Soil Structures. *ASTM Journal of Testing and Evaluation*, 44.01: 391-401.
38. Smith BE, Yazdani H* and Hatami K, **2015**. Three-dimensional imaging and quantitative analysis of dispersion and mechanical failure in filled nanocomposites, *Composites Part A: Applied Science and Manufacturing*, Elsevier, 79: 23-29.
 39. Yazdani H* and Hatami K, **2015**. Failure criterion for graphene in biaxial loading – a molecular dynamics study. *Modelling and Simulation in Materials Science and Engineering*, Institute of Physics (IOP) Publishing, UK, 23(6): 14p.
 40. Esmaili D* and Hatami K, **2015**. Measured Performance and Stability Analysis of Large-Scale Reinforced Model Embankments at Different Moisture Contents. *International Journal of Geosynthetics and Ground Engineering*, Springer, 1(3)-22: 16p (September).
 41. Hatami K and Esmaili D*, **2015**. Unsaturated Soil-Woven Geotextile Interface Strength Properties from Small-Scale Pullout and Interface Tests. *Geosynthetics International*, 22(2): 161-172.
 42. Yazdani H*, Hatami K, Khosravi E, Harper K* and Grady BP, **2014**. Strain-Sensitive Conductivity of Carbon Black-filled PVC Composites Subjected to Cyclic Loading. *CARBON*, Elsevier, 79: 393-405.
 43. Hatami K, Esmaili D*, Chan E* and Miller GA, **2014**. Laboratory Performance of Reduced-Scale Reinforced Embankments at Different Moisture Contents. Invited Paper. *International Journal of Geotechnical Engineering*, Special Issue on Geosynthetics, 8(3): 260-276.
 44. Esmaili D*, Hatami K and Miller GA, **2014**. Influence of matric suction on geotextile reinforcement marginal soil interface strength. *Geotextiles and Geomembranes*, 42(2): 139–153.
 45. Hatami K, Hassanikhah A*, Yazdani H* and Grady BP, **2014**. Tensoresistive PVC Coating for Sensor-Enabled Geogrids. Invited Paper. *ASCE Journal of Nanomechanics and Micromechanics*, Special Issue on Mechanics of Nanocomposites and Nanostructures, 4(4): A4013016/1-14.
 46. Hatami K, Mahmood T*, Ghabchi R* and Zaman M, **2013**. Influence of In-Isolation Properties of Geogrids on Their Pullout Performance in a Dense Graded Aggregate. Invited Paper. *Indian Geotechnical Journal*, Special Issue on Geosynthetic Engineering, December 2013, 43(4): 303-320.
 47. Hatami K, Granados* JE, Esmaili D* and Miller GA, **2013**. Reinforcement Pullout Capacity in Mechanically Stabilized Earth Walls with Marginal-Quality Soils, *Transportation Research Record*, 2363: 66-74.
 48. Yazdani H*, Hatami K and Khosravi, **2013**. Ant Colony Optimization Method for Design of Piled-Raft Foundations, *DFI Journal*, 7(2): 17-27.
 49. Fathi A*, Hatami K and Grady BP, **2012**. Effect of Carbon Black Structure on Low-Strain Conductivity of Polypropylene and Low-Density Polyethylene Composites, *Polymer Engineering & Science*, 52(3): 549-556.
 50. Mikola RG*, Hatami, K. and Doolin, D, **2011**. Elastic–plastic discontinuous deformation analysis using Mohr–Coulomb model, *Mining Technology*, 120(3): 148-157.
 51. Khoury, CN, Miller, GA, & Hatami, K, **2011**. Unsaturated soil-geotextile interface behavior, *Geotextiles and Geomembranes*, 29(1): 17-28 (**Honorable Mention for Best Paper and Top 25 Hottest Articles in G&G in 2011**).

52. Huang, B, Bathurst, RJ, Hatami, K, & Allen, TM, **2010**. Influence of toe restraint on reinforced soil segmental walls, *Canadian Geotechnical Journal*, 47(8): 885–904.
53. Huang, B, Bathurst, RJ & Hatami, K, **2009**. Numerical study of reinforced soil segmental walls using three different constitutive soil models, *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 135(10): 1386-1398.
54. Hatami K, Grady BP and Ulmer MC*, **2009**. Sensor-Enabled Geosynthetics: use of conducting carbon networks as geosynthetics sensors. *ASCE Journal of Geotechnical and Geoenvironmental Engineering*, 135(7): 863-874 (**ASCE/Geo-Institute Thomas A. Middlebrooks Award in 2012; Most downloaded paper from the JGGE - Geotechnical Book News, ASCE, June 2009**).
55. Grayeli R* and Hatami K, **2009**. Response analysis of field-scale fully grouted standard cable bolts using a coupled ANN-FDM approach. *ASCE Journal of Engineering Mechanics*, 135(6): 561-570.
56. Hatami K. & Witthoef, AF*, **2008**. A numerical study on the use of Geofoam to increase the external stability of reinforced soil walls. *Geosynthetics International*, 15(6): 452-470.
57. Hatami K. Witthoef AF* and Jenkins LM*, **2008**. Influence of inadequate compaction near the facing on the construction response of wrapped-face MSE walls. *Transportation Research Record*, 2045: 85-94 (**Nominated for the best paper award in the Soil Mechanics Section by the TRB Geosynthetics Committee**).
58. Grayeli R* and Hatami K, **2008**. Implementation of the finite element method in the three-dimensional discontinuous deformation analysis (3D-DDA). *International Journal for Numerical and Analytical Methods in Geomechanics*, John Wiley, 32(15): 1883-1902.
59. Beyabanaki AR, Grayeli R* & Hatami K, **2008**. Three-dimensional discontinuous deformation analysis (3D-DDA) using a new contact resolution algorithm. *Computers and Geotechnics*, Elsevier, 35(3): 346-356.
60. Hatami K and Raymond GP, **2006**. Influence of soil strength on the optimal embedment depth of a geosynthetic reinforcement layer in granular reinforced foundations. *Transportation Research Record*, 1975: 155-162.
61. Hatami K and Bathurst RJ, **2006**. Numerical model for reinforced soil segmental walls under surcharge loading, *ASCE Journal of Geotechnical and Geoenviron. Engineering*, 132(6): 673-684.
62. Hatami K and Bathurst RJ, **2005**. Development and verification of a numerical model for the analysis of geosynthetic reinforced-soil segmental walls under working stress conditions, *Canadian Geotechnical Journal*, 42(4): 1066-1085. (**Sir Casimir Gzowski Medal by Canadian Society for Civil Engineering in 2005**; Reprinted and presented at the Special Session for the Best Papers Published in the Canadian Geotechnical Journal at GeoAmericas 2008, The First Pan American Geosynthetics Conference & Exhibition, March 2008, Cancun, Mexico).
63. Hatami K, Bathurst RJ & Di Pietro P, **2001**. Static response of reinforced-soil retaining walls with non-uniform reinforcement. *ASCE International Journal of Geomechanics*, 1(4): 477-506.
64. Hatami K and Bathurst RJ, **2000**. Effect of structural design on fundamental frequency of reinforced-soil retaining walls. *Soil Dynamics and Earthquake Engineering*, 19(3): 137-157. (Also included in: International Workshop on Seismic Performance of Geosynthetic-Reinforced-Soil Structures,

Sponsored by National Science Foundation, Columbia University, New York, NY, USA).

65. Bathurst RJ and Hatami K, **1998**. Seismic response analysis of a reinforced-soil retaining wall. *Geosynthetics International*, Special Issue on Earthquake Engineering, Industrial Fabrics Association International (IFAI), USA, 5(1-2): 127-166. (Also included in: International Workshop on Seismic Performance of Geosynthetic-Reinforced-soil Structures, Sponsored by National Science Foundation, Columbia University, New York, NY, USA, October 2000).
66. Hatami K, **1997**. Effect of reservoir bottom on earthquake response of concrete dams. *Soil Dynamics and Earthquake Engineering*, 16: 407-415.

Peer-Reviewed Book Contributions/Chapters (*Denotes Student/Former Student Co-Author)

1. Miller GA, Hamid TB, Khoury CN, Hassanikhah A* and Hatami K. **2023**. Unsaturated Soil Interfaces, Chapter 25, DSC/HISS Modeling Application to Problems in Mechanics, Geomechanics and Structural Mechanics, Editors: Desai, C.S.; Xiao, Y.; Zaman, M. and Carter, J., CRC Press, Taylor & Francis, Boca Raton, FL, USA.
2. Bathurst, RJ, Hatami, K and Alfaro, MC. **2021**. Geosynthetic-reinforced soil walls and slopes - seismic aspects, Chapter 19, Handbook of Geosynthetic Engineering, Third edition, Editor: S.K. Shukla, ICE Publishing, London, UK, 371-415.
3. Yazdani H*, Smith BE and Hatami K, **2016**. Multiscale 3D dispersion characterization of carbon nanotube-filled polymer composites using microscopic imaging and data mining. Chapter 6, *Carbon Nanotechnology*, Editors: W.I. Milne, M. Cole and S. Mitura, One Central Press, Manchester, UK, 135-158, <http://www.onecentralpress.com/carbon-nanotechnology/>.
4. Bathurst RJ, Hatami K, Alfaro M, **2012**. Geosynthetic-reinforced structures - seismic aspects, Chapter 16, *Handbook of Geosynthetic Engineering: Geosynthetics and Their Applications* (Editor: S.K. Shukla). ICE Publishing (Institution of Civil Engineers), London, UK, 317-363.
5. Bathurst, R.J., Huang B and Hatami, K. **2009**. Numerical modeling of geosynthetic reinforced soil walls. Chapter 4, *Linear and NonLinear Numerical Analysis of Foundations*, Editor: J. Bull, Taylor & Francis, New York, NY, 131-157.
6. Hatami K, Bathurst RJ, El-Emam MM, **2005**. Validation of numerical models for static and seismic analysis of reinforced soil walls. Contributions from the Symposium on Geosynthetics and Geosynthetic-Engineered Structures Honoring Robert M. Koerner, *McMat 2005, ASME/ASCE/SES joint Conference on Mechanics and Materials*, Louisiana State University, Baton Rouge, Louisiana, USA, June 2005, Editors: H.L. Ling, V.N. Kaliakin, D. Leshchinsky, Published by Columbia University, 171-202.
7. Bathurst RJ, Hatami K & Alfaro MC, **2002**. Geosynthetic reinforced-soil walls and slopes: Seismic Aspects. Chapter 14, *Geosynthetics and Their Applications*, Editor: S.K. Shukla, Thomas Telford Ltd., London, UK, 14: 327-392.
8. Bathurst RJ, Hatami K, Walters DL, Taleb B & Simac MR, **2001**. Geosynthetic reinforced-soil segmental retaining walls: A New Technology”, *Jubilee Volume, 75th Anniversary of K. Terzaghi’s “Erdbaumechanik” (“Soil Mechanics”)*, Vienna Technical University, Vienna, Austria: 5: 175-204.

Theses/Dissertations

1. Hatami K, **1997**. Effect of reservoir boundaries on seismic response of gravity dams, *Ph.D. Dissertation*, McMaster University, Hamilton, Ontario, Canada, xxvii, 267p.
2. Hatami K, **1991**. A study on the effects of suspended fine particles on drag reduction in open-channel flow, *M.Sc. Thesis*, Sharif University of Technology, Tehran, Iran.

Peer-Reviewed/Specialty Conference Papers including Special Volume/Keynote/Invited Papers (*Denotes Student/Former Student Co-Author)

1. Hatami K and Doger R*, **2021**. Load-bearing performance of GRS abutments with different facing alternatives. *Geosynthetics Conference 2021*, Kansas City, MO, February 2021.
2. Yazdani H* and Hatami K, **2016**. Sensor-Enabled Geogrids for Stabilization and Instrumentation of Earth Structures. *Fifth International Symposium on Life-Cycle Civil Engineering, IALCCE2016*, Delft, Netherlands, CRC Press, October, 1236-41.
3. Yazdani H*, Khatibinia M and Hatami K, **2015**. Probabilistic Optimization of Performance-Based Seismic Design of Structures considering Soil-Structure Interaction Effects. *Engineering Mechanics Institute Conference*, Stanford, CA, June 2015, Paper #1715.
4. Yazdani H*, Hatami K and Khatibinia M, **2014**. Computational Intelligence in Structural Optimization. *10th Annual Conference in Computer Science*, Norman, OK, (Best Paper Award in the Conference).
5. Alston C, Ruel M, Hatami K and Howett D, **2014**. Stabilization of Railway Bridge Foundations, Fairchild Creek Viaduct near Brantford, Ontario. *GeoRegina, 67th Canadian Geotechnical Conference*, Regina, SK, Sep-Oct 2014.
6. Horton AS*, Fulton, CJ*, Ruyle JE and Hatami K, **2014**. Investigation of Electrical Properties of Clay Soil. Antenna Applications Symposium, *52nd Annual Allerton Conference on Communication, Control and Computing*, Allerton Park, Monticello, IL, Sep-Oct 2014.
7. Butko D, Holliday L, Reyes M, Ramseyer C and Hatami K, **2013**. Returning to Earth: Analyzing and Designing Earthen Structures for Sustainable Design, *ACSA Fall Conference, Design Interventions for Changing Climates, Subtropical Cities 2013*, Fort Lauderdale, FL, October 2013.
8. Yazdani H*, Momeni M and Hatami K, **2013**. Micropiled-Raft Foundations for High-Rise Buildings on Soft Soils - A Case Study: Kerman, Iran. *7th International Conference on Case Histories in Geotechnical Engineering*, Chicago, IL, Apr-May 2013, Paper #2.40.
9. Yazdani H*, Hatami K, Hawa T and Grady BP, **2013**. Atomic-Scale Simulation of Sensor-Enabled Geosynthetics for Health Monitoring of Reinforced Soil Slopes and Embankments. *2013 Geo-Congress*, San Diego, CA, March 2013, Paper #207.
10. Zheng Y*, Hatami K and Miller GA, **2013**. Numerical Modeling of the Wetting-Induced Settlement of Embankments. *2013 Geo-Congress*, San Diego, CA, March 2013, Paper #8, 333-342.
11. Hatami K, Granados JE*, Esmaili D* and Miller GA, **2013**. Influence of Gravimetric Water Content on Geotextile Reinforcement Pullout Resistance in MSE Walls with Marginal Soils. *92nd TRB Annual Meeting*, Washington, DC, January 2013, Paper #13-3836.

12. Ghabchi R^{*}, Mahmood T^{*}, Hatami K and Zaman M, **2012**. Effect of Geogrid Type on Performance of Reinforced Dense-Graded Aggregate Base. *5th Asian Regional Conference on Geosynthetics (GA2012)*, Bangkok, Thailand, December 2012.
13. Hatami K, Esmaili D^{*}, Granados JE^{*} and Miller GA, **2012**. Pullout Response of Geotextile Reinforcement at Different Matric Suctions. *5th European Geosynthetics Congress*, Valencia, Spain, September 2012, Paper #136.
14. Yazdani H^{*}, Hatami K, Hawa T and Grady BP, **2012**. Molecular Dynamics Simulation of Sensor-Enabled Geosynthetics. *TechConnect World 2012*, Santa Clara, CA, June 2012, Paper #918.
15. Mahmood T^{*}, Hatami K, Ghabchi R^{*} and Zaman M, **2012**. Pullout Performance of Geogrids with Different Junction Strength. *2012 Geo-Congress*, Oakland, CA, March 2012, Paper #1120.
16. Mahmood T^{*}, Hatami K, Ghabchi R^{*} and Zaman M, **2012**. Laboratory Investigation of Pullout Behavior of Non-Extruded Geogrids in a Base Aggregate. *91st TRB Annual Meeting*, Washington, DC, January 2012, Paper #12-4222.
17. Varnier JB^{*} and Hatami K, **2011**. Seismic Response of Reinforced Soil Retaining Walls: Is PGA-Based Design Adequate? *GeoRisk 2011*, ASCE/Geo-Institute, Atlanta, GA, June 2011, Paper #107.
18. Hatami K, Fathi A^{*} and Grady BP, **2011**. Development of Sensor-Enabled Geosynthetics (SEG) for Health Monitoring of Reinforced Soil Structures. *GeoFrontiers 2011*, Dallas, TX, March 2011, Paper #1425.
19. Hatami K, Garcia LM^{*} and Miller GA, **2011**. A Moisture Reduction Factor for Pullout Resistance of Geotextile Reinforcement in Marginal Soils. *GeoFrontiers 2011*, Dallas, TX, March 2011, Paper #1210.
20. Hatami K, Wang Z^{*}, Mahmood T^{*}, Ghabchi R^{*} and Zaman M, **2011**. In-Aggregate Testing of Unitized and Woven Geogrids for Base Reinforcement Applications. *GeoFrontiers 2011*, Dallas, TX, March 2011, Paper #1211.
21. Hatami K, Ghabchi R^{*}, Mahmood T^{*} and Zaman M, **2011**. In-Aggregate Performance of Unitized and Woven Geogrids in Open-Graded and Dense-Graded Aggregates. *90th TRB Annual Meeting*, Paper No. 11-4078, January 2011, Washington, DC, USA.
22. Hatami K, Garcia LM^{*} & Miller, GA, **2010**. Influence of moisture content on the pullout capacity of geotextile reinforcement in marginal soils. *61st Highway Geology Symposium*, Oklahoma City, OK, August, 2010.
23. Khoury^{*}, CN, Miller, GA and Hatami, K, **2010**. Shear Strength of Unsaturated Soil-Geotextile Interfaces. *GeoFlorida 2010, ASCE Geotechnical Special Publication 199*: Geo-Institute, West Palm Beach, Florida, February 2010, 307-316.
24. Bathurst, RJ, Huang, B & Hatami, K, **2008**. Numerical modeling of geosynthetic reinforced retaining walls. *Invited Paper, 12th International Conference of International Association for Computer Methods and Advances in Geomechanics (IACMAG)*, Goa, India, October 2008, 4071-4080.
25. Hatami K, Khoury CN^{*} & Miller, GA, **2008**. Suction-Controlled Testing of Soil-Geotextile Interfaces. *GeoAmericas 2008*, The First Pan American Geosynthetics Conference & Exhibition,

March 2008, Cancun, Mexico, Paper No. 1236, pp. 262-271.

26. Bathurst, RJ, Huang, B & Hatami, K, **2008**. Numerical study of the influence of reinforcement length and spacing on reinforced soil segmental walls of variable height. *GeoAmericas 2008*, The First Pan American Geosynthetics Conference & Exhibition, March 2008, Cancun, Mexico, Paper No. 1205, pp. 1256-1264.
27. Hatami K, Witthoeft, AF* & Jenkins, LM*, **2008**. Influence of Inadequate Compaction near the Facing on the Construction Response of Wrapped-Face MSE Walls. *87th TRB Annual Meeting*, Paper No. 08-625, January 2008, Washington, DC, USA.
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