CURRICULUM VITAE

NAME: Faradjollah Askari

DATE OF BIRTH: JUNE 10, 1962

NATIONALITY: Iranian

EDUCATIONS:

1. Ph.D. Degree in Geotechnical Engineering:

Department of Civil Engineering, Faculty of Engineering, Tehran University, Iran, 1999.

***Ph.D. Thesis on*:** A Limit Analysis Method for Three Dimensional Seismic Stability Analysis of Nonhomogeneous Slopes

2. Master Degree in Soil Mechanics & Foundation Engineering:

Department of Civil Engineering, Faculty of Engineering, Tehran University, Iran, 1993.

3. Bachelor Degree in Civil Engineering:

Department of Civil Engineering, Faculty of Engineering, Tehran University, Iran, 1989.

ACADEMIC and JOB EXPERIENCES:

1999-date and	Assistant Professor at International Institute of Earthquake Engineering Seismology (IIEES), Iran.
1999-date	Teaching Geotechnical Earthquake Engineering, Advanced Soil Dynamics and limit state methods in soil mechanics as Ph.D. courses and Soil Dynamics as M.S. course.
1999-2004	Head of Landslide Dept. of IIEES
2004-date	Head of Foundation and Geotechnical Structures Dept. of IIEES
2007-2009	Educational Assistant of IIEES
2009-date	Head of Geotechnical research Center of IIEES

Selected English Papers:

ISI

1. Nadi, B., Askari, F., Farzaneh, O., Fatolahzadeh, S., & Mehdizadeh, R. (2019). Reliability Evaluation of Regression Model for Estimating Co-seismic Landslide Displacement. Iranian Journal of Science and Technology, Transactions of Civil Engineering, 1-9.

2. Karkanaki, A. R., Ganjian, N., & Askari, F. (2017). Stability Analysis and Design of Cantilever Retaining Walls with Regard to Possible Failure Mechanisms: An Upper Bound Limit Analysis Approach. Geotechnical and Geological Engineering, 35(3), 1079-1092.

3. Mofidi, J., Farzaneh, O., & Askari, F. (2014). Bearing Capacity of Strip Footings near Slopes Using Lower Bound Limit Analysis. *Civil Engineering Infrastructures Journal*, *47*(1), 89-109.

4. Nadi, B., Askari, F., & Farzaneh, O. (2014). SEISMIC PERFORMANCE OF SLOPES IN PSEUDO-STATIC DESIGNS WITH DIFFERENT SAFETY FACTORS. Iranian Journal of Science and Technology. Transactions of Civil Engineering, 38(C2), 465.

5. Totonchi, A., Askari, F., & Farzaneh, O. (2014). SEISMIC STABILITY ANALYSIS OF THREE DIMENSIONAL SLOPES USING ACCEPTABLE STRESS FIELDS*. Iranian Journal of Science and Technology. Transactions of Civil Engineering, 38(C1), 37.

6. Askari, F., Arvin, M. R., & Farzaneh, O. (2013). Shakedown method versus pseudostaic method for seismic slope stability. International Journal of Civil Engineering, Transaction B: Geotechnical Engineering, 11(2), 133-140.

7. Farzaneh, O., Askari, F., & Fatemi, J. (2013). Active earth pressure induced by strip loads on a backfill. INTERNATIONAL JOURNAL OF CIVIL ENGINEERING, 12(4 B), 281-291.

8. Mojallal, M., Ghanbari, A., & Askari, F. (2012). A new analytical method for calculating seismic displacements in reinforced retaining walls. Geosynthetics International, 19(3), 212-231.

9. Arvin, M. R., Askari, F., & Farzaneh, O. (2012). Seismic behavior of slopes by lower bound dynamic shakedown theory. Computers and Geotechnics, 39, 107-115.

10. Arvin, M. R., Askari, F., & Farzaneh, O. (2012). Static and dynamic bearing capacity of strip footings, under variable repeated loading. Turkish Journal of Engineering and Environmental Sciences, 36(1), 19-31.

11. Askari, F., Totonchi, A., & Farzaneh, O. (2012). 3D stability analysis of convex slopes in plan view using lower bound linear finite element. International Journal of Civil Engineering, 10(2), 112-123.

12. Totonchi, A., Askari, F., & Farzaneh, O. (2012). Analytical Solution of Seismic Active Lateral Force in Retaining Walls Using Stress Fields. *Iranian Journal of Science and Technology Transaction B-Engineering*, *36*(C2), 195-207.

13. Totonchi, A., Askari, F., & Farzaneh, O. (2012). 3d Stability Analysis of Concave Slopes in Plan View Using Linear Finite Element and Lower Bound Method. Iranian Journal of Science and Technology Transaction B-Engineering, 36(C2), 181-194.

14. Askari, F., Dabiri, R., Shafiee, A., & Jafari, M. K. (2011). Liquefaction resistance of sand-silt mixtures using laboratory based shear Wave velocity. International Journal of Civil Engineering, 9(2), 135-144.

15. Dabiri, R., Askari, F., Shafiee, A., & Jafari, M. K. (2011). Shear Wave Velocity-Based Liquefaction Resistance Of Sand-Silt Mixtures: Deterministic Versus Probabilistic Approach. Iranian Journal Of Science And Technology Transaction B-Engineering, 35(C2), 199-215.

16. Miraboutalebi, M., Askari, F., & Farzaneh, O. (2011). Effect of bedrock inclination on seismic slope stability according to Iran seismically data. International Journal of Civil Engineering, 9(4).

17. Farzaneh, O., Ganjian, N., & Askari, F. (2010). Rotation–translation mechanisms for upper-bound solution of bearing capacity problems. Computers and Geotechnics, 37(4), 449-455.

18. Ganjian, N., Askari, F., & Farzaneh, O. (2010). Influences of nonassociated flow rules on three-dimensional seismic stability of loaded slopes. *Journal of Central South University of Technology*, *17*(3), 603-611.

19. Askari, F., & Farzaneh, O. (2008). Pore water pressures in three dimensional slope stability analysis. International Journal of Civil Engineering, 6(1), 10-23.

20. Farzaneh, O., Askari, F., & Ganjian, N. (2008). Three-dimensional stability analysis of convex slopes in plan view. Journal of geotechnical and geoenvironmental engineering, 134(8), 1192-1200.

21. Farzaneh, O., & Askari, F. (2003). Three-dimensional analysis of nonhomogeneous slopes. Journal of geotechnical and geoenvironmental engineering, 129(2), 137-145.

22. Askari, F., & Farzaneh, O. (2003). Upper-bound solution for seismic bearing capacity of shallow foundations near slopes. Geotechnique, 53(8), 697-702.

Research Papers:

1. Arvin, M. R., Askari, F., & Farzaneh, O. (2016). Slope Stability and Bearing Capacity of Footings on Top of Slopes Under Repeated Dynamic Loads. *Journal of Seismology and Earthquake Engineering*, *18*(3), 141.

2. Mahdavifar, M., Askari, F., Memarian, P., & Seyedimorad, S. M. (2016). Earthquake-induced rock fall hazard zonation of Varzegha-Ahar region in northwest Iran: a comparison of quantitative and qualitative approaches. *Journal of Seismology and Earthquake Engineering*, *18*(2), 101.

3. Askari, F. (2014). Seismic Three-Dimensional Stability of Concave Slopes by Lower Bound Limit Analysis. *Journal of Seismology and Earthquake Engineering*, *16*(1), 39-50.

4. Askari, F. (2013). Seismic Three Dimensional Stability of Reinforced Slopes. *Journal of Seismology and Earthquake Engineering*, *15*(2), 111-119.

5. Moghadaripour, M., Askari, F., & Shafiee, A. (2013). Application of Reliability in Stability Analysis of an Earth Dam. *Journal of Seismology and Earthquake Engineering*, *15*(3-4), 171-182.

6. Askari, F., Azadi, A., Davoodi, M., Ghayamghamian, M. R., Haghshenas, E., Hamzeloo, H., ... & Sohrabi-Bidar, A. (2004). Preliminary seismic microzonation of Bam. *J Seismol Earthq Eng*, *5*, 69-80.

7. Askari, F., Dabiri, R., Shafiee, A., & Jafari, M. K. (2011). Effects of Non-Plastic Fines Content on Cyclic Resistance and Post Liquefaction of Sand-Silt Mixtures Based on Shear Wave Velocity. *JSEE-Journal of Seismology and Earthquake Engineering*.

8. Dabiri, R., F. Askari, A. Shafiee, And Mk Jafari. (2011) New Probabilistic Approach For Liquefaction Resistance Of Sand-Silt Mixtures Using Laboratorybased Shear Wavevelocity. *ASIAN JOURNAL OF CIVIL ENGINEERING (BUILDING AND HOUSING),* 619-636.

9. Shafiee, A., Dabiri, R., Askari, F. (2017) Dynamic Properties of Firoozkooh Sand-Silt Mixture, *Journal of Seismology and Earthquake Engineering*, 273-284

10. Ranjbar K., A., Ganjian, N., Askari, F. (2019) Pseudo-static analysis of cantilever retaining walls using, *Journal of Central South University of Technology,* 26, 241-251

International Conferences:

1. Sharifi, P., Farzaneh, O., & Askari, F. (2018). Influence of Dilatancy Angle of the Soil on Seismic Displacements of Gravity Retaining Walls. 11th International Cngress on Civil Engineering, Tehran, Iran

2. Mofidi, J., Farzaneh, O., Askari, F., Nozari. (2017). Stability of Buildings Near Shallow Excavations. 19th International Conference on Soil Mechanics and Geotechnical Engineering, South Korea, Seoul.

3. Arvin, M.R., Askari, F., Farzaneh, O. (2014). LOWER BOUND ANALYSIS OF SLOPES UNDER VARIABLE REPEATED DYNAMIC LOADS BY STRNGHT REDUCTION METHOD. 7th International Conference on Seismology & Earthquake Engineering (SEE7), Tehran, Iran, At Tehran, Iran, Volume: Proceedings of SEE7, 2016.

4. Farzaneh, O., Mofidi, J., & Askari, F. (2013). Seismic bearing capacity of strip footings near cohesive slopes using lower bound limit analysis. In 18th International Conference on Soil Mechanics and Geotechnical Engineering, Paris.

5. Askari, F., Farzaneh, O., & Mohamadzadeh, H. (2010). Three dimensional stability analysis of reinforced slopes. In Proceedings of the 17th International Conference on Soil Mechanics and Geotechnical Engineering, Alexandria (pp. 1674-1677).

6. Askari, F., Arvin, M. R. (2010). Seismic Stability of Slopes by Shakedown Method. 14th European Conf. On Earthquake Engineering, Macedonia, Greece.

7. Ganjian, N., Askari, F., & Farzaneh, O. (2009). Bearing Capacity of Rectangular Foundations near the Slopes with Nonassociated Flow Rules. Forensic Engineering 2009: Pathology of the Built Environment, 265. America.

8. Askari, F., & Farzaneh, O., F. Moghadam Rad. (2008). Seismic Passive Earth Pressures In Retaining Walls . 5th International Conference on Seismology & Earthquake Engineering (SEE5), Tehran, Iran, At Tehran, Iran, Volume: Proceedings of SEE5, 2008.

9. Ganjian, N, Askari, F., & Farzaneh, O. (2008). 3D Stability Analysis of Corners by the Kinematic Approach. 5th International Conferance LandSlides, Slope Stability and the, Kuala Lumpur, Malaysia.

10. Yeganeh, M.R., Askari, F., Farzaneh, O. (2006). Three-Dimensional Stability Analysis of Vertical Shafts in Homogenous soils. 10th International Conference on Piling and Deep Foundations. Amsterdam.

LANGUAGES:

English and Persian.

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