ABOLFAZL ESLAMI

PhD., M. ASCE

CV

[Personal Website]; [Google Scholar]; [LinkedIn]

1- CONTACT INFORMATION

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2- EDUCATION

Ph.D., (1992-1997), Geotechnical Engineering, University of Ottawa, Ottawa, Canada
MSc, (1986-1988), Geotechnical Engineering, Tehran Polytechnic (AUT), Tehran, Iran
B.Sc., (1982-1985), *Graduated*; Civil Engineering, Sharif University of Technology (SUT), Tehran, Iran
B.Sc., (1978-1982), *Accepted & Started*; Faculty of Engineering, University of Tehran (UT), Tehran, Iran

3- EMPLOYMENT

Professor (Emeritus), Amirkabir University of Technology (AUT), 2007-2024. Link
Assistant and Associate Professor, Civil Engineering Department, University of Guilan, 1997-2007
Academic Member (Lecturer), Civil Engineering Department, University of Guilan, 1989-1992
Founder & Chairman, Sham-e Consulting Engineering Co. Tehran, Iran, 2000-present

4- RESEARCH FELLOWSHIP

- Civil Engineering Department, University of British Columbia (UBC), 1994
- Faculty of Engineering, McGill University, 2017-2018
- Structural Engineering Department, University of California, San Diego (UCSD), 2022-2023
- Civil Engineering Department, University of Nevada, Las Vegas (UNLV), 2021-2024

5- PROFESSIONAL ACHIEVEMENTS & EXPERTIZE

- **Geotechnical Site Investigation & Design Reports:** Dozens of Tall Buildings, Highways, Airports & Dams
- **Design & Consulting of Geo-Structures:** Foundation Systems, Retaining Walls & Shorings
- **Project Management & Value Engineering:** Industrial Projects & Bridges
- **Ground Improvement Practice & Slope Stability Control:** Industrial, Residential & Transportation Fields
- **Leveling, Repair & Retrofitting** of Damaged Adjacent Buildings
- **Value Engineering:** Optimization of Designed Foundations and Reuse of Existing Foundations
- **Sustainable Geotechnics:** Trending on less artificial, more geomaterial and C&DWs recycling
- **Workshops:** In-situ Testing, Special Foundation Systems, Ground Engineering & Sustainable Geo-structures

6- DELIVERED SHORT COURSES & WORKSHOPS

9	"***CPT & CPTu Application for Deep Foundations Geotechnical Design; Databased Approach***", 2025, Louisville, USA, held by Geo-Institute of ASCE
8	"***Geotechnical & Foundation Engineering Aspects for Adjacent Buildings Construction***", 2024, Sari, Mazandaran
7	"***Buildings Foundation System; Engineering Patterns Trend Sustainable Development***", 2024, Rasht, Guilan
6	"***Cone Penetration Tests (CPT & CPTu) Records for Deep Foundations Geotechnical Design***", June 2023, held by the University of California, San Diego

5	"***Foundations Systems of Tall Buildings: Stories Behind the Storeys***", June 2022, held by Mazandaran Engineering Organization, Babolsar, Mazandaran
4	"***Piezocone and Cone Penetration Tests (CPTu & CPT) Applications in Geotechnical & Foundation Engineering***", November 2022, held by State Key Laboratory for Geomechanics & Deep Underground Engineering (China University of Mining and Technology).
3	"***Development and Application of Databases in Deep Foundation Engineering***" New trends on Design and Construction of Deep Foundations (Piles), October 2019, held by IGS
2	"***Optimum Trends in Foundation Engineering; Effects of Construction on Adjacent Structures***", third National Congress of Civil Engineers, August 2017, held by Mazandaran Engineering Organization.
1	"***Semi-deep Foundations***" Special foundations seminar, March 2016, held by IGS

7- KEYNOTE SPEECHES & INVITED LECTURES

13	"***Performance-Based Evaluation of Buildings Substructure Systems: Load-Displacement, Seismic, and Adjacent Construction Effects***", 2025, 1st International Symposium on Near Field Construction Considerations
12	"***Insight on Foundation Systems Categorization; Form & Load Transfer Aspects***", 2023, 13th International Congress on Civil Engineering, University of Science and Technology
11	"***Databased Approach for Cone Penetration Test (CPT & CPTu) Applications in Foundation Engineering***", January 2023, held by Samueli School of Engineering (University of California, Irvine).
10	"***Why In-situ Testing in Geotechnical Engineering?***", January 2022, held by Iranian Geotechnical Society, In-situ Testing Committee, Iran University of Science and Technology (IUST)
9	"***Uncertainty and Reliability Appraisal of CPT-Based Methods for Axial Pile Bearing Capacity***" 46th Annual Conference on Deep Foundations, October 2021, held by Deep Foundations Institute (DFI)
8	"***Ground Improvement Systems: Geotechnical and Structural Aspects***" 3rd International Conference on Structural Engineering, March 2017, held by ISSE
7	"***Physical Modelling via Frustum Confining Vessel, FCV-AUT***" University of Victoria, ON, Canada, December 2017, Sabbatical leave.
6	"***AUT; Geo-CPT&Pile Database***" Montreal Polytechnic, QC, Canada, December 2017, Sabbatical leave.
5	"***CPT and CPTu Applications for Piles (Direct and Indirect Approaches)***" McGill University, QC, Canada, December 2017, Sabbatical leave.
4	"***Hybrid Foundations***" 2nd national conference on Iranian structural engineering, March 2016, held by the Iranian Society of Structural Engineers.
3	"***New Trends in Foundation Engineering***" 2014, 1st National Conference on Soil Mechanics and Foundation Engineering, Tehran
2	"***Evaluation of Determinant Parameters for Thickening the Engineered Fills Layers***", 2014, Proceedings of the new trends in transport phenomena, University of Ottawa, ON, Canada.
1	"***Study on Box and PRF Semi-Deep Foundations Behavior in Bridge Engineering***", 2015, 4th International Conference on Bridges, Amirkabir University of Technology

8- HONORS & AWARDS

- Citation Based on Google Scholar: Over 3820 cases and with H-Index 33.Link.
- Supervising the thesis selected as the superior Ph.D. graduate project of the year 2021
- Selected author for verbal presentation in DFI 46th
- Selected professor in AUT for authoring the top international book of the year 2020
- Invited Paper for Special Issue in Probabilistic Engineering Mechanics Journal by Prof. Phoon and Dr. Tang: Heidarie Golafzani, S. and Eslami, A. (2023), CPT and Pile database design approach; a site-specific method upon reliability and statistical assessment criteria.
- Invited Paper for Fellenius Issue: Eslami, A., Moshfeghi, S., Heidari, S., Valikhah, F. (2019). AUT: Geo-CPT&Pile Database Updates and Implementations for Pile Geotechnical Design. Geotechnical Engineering Journal of the SEAGS & AGSSEA, Volume 50 Issues 2 2019-5.
- Compiled and uploaded AUT-Geo: CPT & Pile Database, 2016.
- Selected as the superior researcher of the Civil Engineering Dept. in AUT, 2015.
- Selected as the top national engineer by the Iranian Society of Structural and Construction Engineering, in 2015.
- Selected as the Geotechnical Engineer of the Year by Tehran Construction Engineering Organization (TCEO), 2015.

- Received the Dadman Award for Lifetime Achievement in Civil Engineering from the National Foundation of Lasting Fame in 2015.
- Development and Implementation of Frustum Confining Vessel (FCV) for Penetration and Pile Testing, FCV-AUT, 2014.
- Four Inventions Licensed by Iranian Research and Scientific Organization, 2013-2014.
- Hot Paper, in Elsevier 2009 Journal of Computers and Geotechnics By:
  Ardalan, H., Eslami, A., Nariman-Zadeh, N., " Piles shaft capacity from CPT and CPTu data by polynomial neural networks and genetic algorithms".
- Selected as the superior researcher of Guilan University academic members, Fall 2005.
- Software Development, UniCone, a program for Processing and Reporting of Cone Penetration Tests (CPT and CPTu), Soil Profiling and pile Capacity Analysis. Unisoft Ltd., 1905 Alexander Street, Calgary, Alberta, T2G 4J3.
- First rank on paper presentation events, held among Eastern Canadian Universities, CGS (Canadian Geotechnical Society), 1996.
- Reference to Eslami and Fellenius Method, 1995-1997, for Pile Design using CPT and CPTu data in at least two Text Books Published and Used in the USA as follows:
  "Soil Mechanics and Foundations, Budhu, M. 2002-2008 "
  "Foundation Design, Principles & Practices, Coduto, D. P. 2001-2014".

9- MEMBERSHIPS

- Member of DFI (Deep Foundation Institute), USA
- Member of ASCE (American Society of Civil Engineering), GI (Geo-Institute), USA

10- TAUGHT COURSES AND LECTURES

- Soil Mechanics
- Foundation Engineering
- Advanced Foundation Engineering
- Earth Dams
- Marine Geotechnical Engineering
- Ground Modification and Soil Improvement
- Bridge Engineering
- Geotechnical Design
- Pile Engineering in Marine Structures
- In-situ Testing Applications in Geotechnical Engineering

11- RESEARCH INTERESTS

- Foundation Systems: Forms & Functions
- Foundations Load-Displacement Behavior
- Special Foundations
- Deep Foundations
- Ground Modification and Improvement
- In–Situ Testing (CPT and CPTu) in Geotechnical Practice
- Bridge Engineering
- Physical Modeling via Frustum Confining Vessel (FCV)
- Database Development and Implementation (focused on CPT and Pile)

12- SUPERVISED GRADUATE STUDENTS

- Over 150 Master of Science (MSc)
- Over 25 Doctor of Philosophy (Ph.D.)

13- INVENTION & PATENT

	Invention/Patent Title	Reg. number	Country	Contributors	Reg. date	Exp. date
1	***Sloped Porous Grid Seawalls***	82195	I.R. Iran	Eslami, A., Mohammadi, M., & Shirinzaban, M.	2014/02/1	2034/01/1
2	***Frustum Confining Vessel (FCV-AUT)***	82201	I.R. Iran	Zare, M. & Eslami, A.	2014/02/1	2034/01/1
3	***Cycle and Non-Cycle Simulation Machine of The Marine Conditions (Atmosphere and Splashing Zones) For Concrete and Other Samples***	82143	I.R. Iran	Mohammadi, M.,Mohammadi, H., Ebadi, T., & Eslami, A.	2014/02/1	2033/12/1
4	***Attached Single Foundations***	82202	I.R. Iran	Eslami, A.	2014/02/1	2034/01/1
5	***Tire-Aggregate Piers (TAP)***	82144	I.R. Iran	Eslami, A., Mohammadi, M., & Fahimifar, A.	2014/02/1	2034/01/1
6	***Inclined Retaining Wall***	82203	I.R. Iran	Eslami, A., Mohammadi, H., & Ahmadi, H.	2014/02/1	2033/12/1
7	***Upgrading 1g Apparatus for Adjacent Foundations Study Along With Image Processing***	---	I.R. Iran	Eslami, A., & Moghadasi, H.	2023/9/15	

14- PUBLISHED BOOKS

1- Karakouzian, M. & Eslami, A. 2025. ***Advanced Foundation Engineering, Principles, Performance and Prospect***, Wiley (Under Publication)
2- Eslami, A. Moshfeghi, S., Molaabasi, H., & Eslami, M., 2020. ***Piezocone and Cone Penetration Test (CPTu and CPT) Applications in Foundation Engineering***, ELSEVIER.
3- Eslami, A. et al., 2016. ***Drilled Shafts: Construction Procedures and LRFD Design Methods***, (Translated in Farsi), Naghoos Press.
4- Eslami, A. and Sekhavatian, A., 2013. ***Geotechnical Engineering: Design Application and Hazards***. Amirkabir University Press, (In Farsi).
5- Eslami, A. and Sekhavatian, A., 2013. ***Geotechnical Engineering: Principles, Investigations and Interpretations***. Amirkabir University Press, (In Farsi).
6- Eslami, A. Ranjbar, M. Riazi, T. and Veiskarami, M., 2006. ***Mat Foundation: Analysis, Design & Performance***. Guilan University Press, (In Farsi).
7- Fakharian, K. Eslami, A., 2006. ***Axial Bearing Capacity of Piles***. Ministry of Roads and Transportation deputy of education research and technology transportation research institute (In Farsi).
8- Eslami, A., 2005. ***Foundation Engineering: Design & Construction***. Building and Housing Research Center, BHRC. No. B-437,4th Edition (In Farsi).

15- PUBLISHED PAPERS

A. International Journal Papers; More than 140

❖ **Selected Cases:**

No.	Title	Journal	Authors	Year
50	***Conical Helical Piles Behavior Assessment through Physical Modeling and Field Testing***	Transportation Infrastructure Geotechnology	Nazmi, M., & Eslami, A.	2025
49	***Performance of Composite Piled Raft Foundations with Long and Short Piles Under Static and Seismic Loading***	Geotechnical and Geological Engineering	Akbari, A., & Eslami, A.	2025
48	***Sustainable Ground Improvement and Hybrid Foundation for Tank Farm on Liquefiable Coastal Deposit: Case Study***	Marine Georesources and Geotechnology	Eslami, A., Ebrahimipour, A., Fattahi, S.M., Omrani Rekavandi, A., Moazzami, A. & Khoshbakhty, K.	2025
47	***Experimental study on performance and enhanced methods of helical piles using Frustum Confining Vessel in Anzali Sand***	Ocean Engineering	Esmailzade, M, & Eslami, A.	2025

46	***Investigation of the Load-Displacement Behavior of Helical Piles in Sand through Novel Instrumentation***	Iranian Journal of Science and Technology	Akbari Zare, A., Eslami, A., Razmkhah, A. & Vosoughifar, H.	2025
45	***Pore Water Pressure Generation and Sensitivity Aspects for Pile Dynamics and Capacity Loss: CPTu Records and Case Studies***	Soil Dynamics and Earthquake Engineering	Eslami, A., Shadlou, D., & Ebrahimipour, A.	2025
44	***Raft Foundations under Combined Vertical-Moment-Horizontal Loading: A Numerical Study on Design-Adaptive Serviceability***	Transportation Infrastructure Geotechnology	Eslami, A., & Ebrahimipour, A.	2025
43	***New approach for the numerical analysis of stiffened deep cement mixing columns and piles in coastal engineering through 1D elements***	Ocean Engineering	Abolfazl Eslami, Ali Arjmand, Arman Ardehe, Amirhossein Ebrahimipour, Masoud Nobahar, & Pin-Qiang Mo	2024
42	***Form and Load Transfer Aspects of Foundation Systems; Case-Based Implementation and Adaptation for Buildings***	Deep Underground Science & Engineering	Eslami, A., Ebrahimipour, A., Imani, M., Imam, R. and Mo, P.Q.	2024
41	***Bio-Electrokinetic Improvement of Deltaic Soil***	Journal of Rock Mechanics &Geotechnical Engineering	Nabizadeh, M., Soroush, A., Fattahi, S.M. & Eslami, A.	2024
40	***Appraisal of soil-cement columns load displacement behavior through full-scale tests database***	Marine Georesources and Geotechnology	Arjmand, A. & Eslami, A.	2024
39	***Load-displacement appraisal and analysis for driven piles; a data-centric approach***	COMGEO, Computers and Geotechnics	Eslami, A. & Ebrahimipour, A.	2024
38	***Assessment of adjacent foundations consequences and solutions for remediation via physical modeling***	SDEE, Soil Dynamics and Earthquake Engineering	Moghaddasi, H., Eslami, A., Akbarimehr, D. & Asgari, S.	2024
37	***Comparison of frustum confining vessel (FCV) and full-scale testing for helical and expanded piles geotechnical performance***	MGG, Marine Georesources and Geotechnology	Esmailzade, M, Eslami, A. & McCartney, JS.	2024
36	***Hyperbolic load-displacement analysis of helical and expanded piles: database approach***	Geotechnical Engineering	Rahimi, A., Eslami, A. & McCartney, JS.	2024
35	***Analytical study of piles behavior for marine challenging substructures***	Ocean Engineering	Ebrahimipour, A., & Eslami, A.	2024
34	***Cavity expansion-based Interpretation of CPTu data in Clays***	Geotechnique	Mo, PQ. & Cai, G. & Jun Wang, K. &Eslami, A. & Sui Yu, H.	2024
33	***Dominant Factors in MiniCone, CPT & Pile Correlations: Databased Approach***	Deep Underground Science and Engineering	Shirani, S., Eslami, A., Ebrahimipour, A. & Karakouzian, M.	2023
32	***Discrete element modelling of thermal penetration test with heating and cooling***	Computers and Geotechnics	Pin-Qiang Mo, Jing Hu, Yu-Chen Hu, Kuan-Jun Wang, Abolfazl Eslami, Liu Gao	2023
31	***Experimental Investigation of Helical Pile Performance for Loess Deposits Improvement***	DFI, Deep Foundation Journal	Eslami, A., Rostami, F., Heidarie Golafzani, S. & Arabameri, M.	2023
30	***Developed Triangular Charts; Deltaic CPTu-Based Soil Behavior Classification Using AUT: CPTu-Geo-Marine Database***	Probabilistic Engineering Mechanics	Eslami, A., Heidarie Golafzani, S., & Naghibi, M.H.	2022
29	***Optimized selection of axial pile bearing capacity predictive methods based on multi criteria decision making (MCDM) models and database approach***	Soft Computing Journal	Heidarie Golafzani, S., Eslami, A., Jamshidi Chenari, R., & Hamed Saghaian, M.	2022
28	***Failure analysis of clay soil-rubber waste mixture as a sustainable construction material***	Construction and Building Materials	Eslami, A. & Akbarimehr, D.	2021
27	***Geotechnical behaviour of clay soil mixed with rubber waste***	Journal of Cleaner Production	Akbarimehr, D., Eslami, A. & Aflaki, E.	2020
26	***Probabilistic assessment of model uncertainty for prediction of pile foundation bearing capacity; static analysis, SPT and CPT-based methods***	Geotechnical and Geological Engineering	Heidarie Golafzani, S., Eslami, A. & Jamshidi Chenari, R.	2020
25	***Pile shaft capacity from cone penetration test records considering scale effects***	International Journal of Geomechanics	Eslami, A., Lotfi, L., Infante, J.A., Moshfeghi, S. & Eslami, M.	2020
24	***Geotechnical site characterization of the Urmia Lake super-soft sediments using laboratory and CPTu records***	MGG, Marine Georesources and Geotechnology	Eslami, A., Akbarimehr, D., Aflaki, E. & Hajitaheriha, M. M.	2019
23	***Self-expanded piles: a new approach to unconventional piles development***	MGG, Marine Georesources and Geotechnology	Shojaei, E., Eslami, A. & Ganjian, N.	2019
22	***Skirted semi-deep foundations behaviour on deposits with variable undrained shear strength***	SAOS, Ships and Offshore Structures	Rezazadeh, S. & Eslami, A.	2019
21	***Reliability based assessment of axial pile bearing capacity: static analysis, SPT and CPT-based methods***	Georisk: Assessment and Management of Risk for Engineered System and Geohazards	Heidarie Golafzani, S., Jamshidi Chenari, R. & Eslami, A.	2019

20	***Failure analysis of CPT-based direct methods for axial capacity of driven piles in sand***	Georisk: Assessment and Management of Risk for Engineered System and Geohazards	Moshfeghi, S. & Eslami, A.	2018
19	***Study on pile ultimate capacity criteria and CPT based direct methods***	IGE, International Journal of Geotechnical Engineering,	Moshfeghi, S. & Eslami, A.	2018
18	***CPT-Based Approach to Study the Load-Displacement Behavior of Driven Piles by the New Method of Stress Characteristics***	Springer Nature Switzerland	Valikhah, F., Eslami, A. & Veiskarami, M.	2018
17	***A study of the axial load behaviour of helical piles in sand by frustum confining vessel***	International Journal of Physical Modelling In Geotechnics, Ice	Eslami, A., Askari Fateh, A. M. & Fahimifar, A.	2017
16	***Settlement evaluation of explosive compaction in saturated sands***	SDEE, Soil Dynamics and Earthquake Engineering,	Daryai, R. & Eslami, A.	2017
15	***Empirical methods for determining shaft bearing capacity of semi-deep foundations socketed in rocks***	Rock Mechanics and Geotechnical Engineering	Rezazadeh, S., & Eslami, A.	2017
14	***Bearing capacity of semi-deep skirted foundations on clay using stress characteristics and finite element analyses***	MGG, Marine Georesources and Geotechnology	Rezazadeh, S. & Eslami, A.	2017
13	***Seawall case studies and failure analysis of sloped concrete walls under static and dynamic loads***	MGG, Marine Georesources and Geotechnology	Eslami, M. & Eslami, A.	2017
12	***Physical modeling for pile performance combined with ground improvement using frustum confining vessel (FCV)***	International Journal of Physical Modelling in Geotechnics, ICE	Karimi, A.H.&, Eslami, A.	2017
11	***Geotechnical aspects of explosive compaction***	Shock and Vibration	Shakeran, M., Eslami, A., & Ahmadpour, M.	2016
10	***Assessment of Babolsar concrete pedestrian bridge failure for 1964 flood event and retrofitting practice***	EFA, Engineering Failure Analysis	Eslami, A., Heidarie Golafzani, S. &, Jamshidi Chenari, R.	2016
9	***Drained soil shear strength parameters from CPTu data for marine deposits by analytical model***	SAOS, Ships and Offshore Structures,	Eslami, A., Mohammadi, A.	2015
8	***Behavior of piles under different installation effects by physical modeling***	IJOG, International Journal of Geomechanics, ASCE	Zarrabi, M. & Eslami, A.	2015
7	***Effects of freeze-thaw cycles on a fiber reinforced fine grained soil in relation to geotechnical parameters***	Cold Regions Science and Technology	Roustaei, M., Eslami, A. & Ghazavi, M.	2015
6	***Investigation of explosive compaction (EC) for liquefaction mitigation using CPT records***	BEE, Bulletin of Earthquake Engineering,	Eslami, A.	2015
5	***End-bearing capacity of driven piles in sand using the stress characteristics method: analysis and implementation***	CGJ, Canadian Geotechnical Journal	Veiskarami, M., Eslami, A., & Kumar, J.	2011
4	***Piles shaft capacity from CPT and CPTu data by polynomial neural networks and genetic algorithms.***	COMGEO, Computers and Geotechnics Journal	Ardalan, H. Eslami, A. & Nariman-Zadeh, N.	2009
3	***CPT and CPTu data for soil profile interpretation, review of methods and proposed new approach***	IJST, Iranian Journal of Science and Technology	Eslami, A., & Fellenius, B.H.	2004
2	***Pile capacity by direct CPT and CPTu methods applied to 102 case histories***	CGJ, Canadian Geotechnical Journal	Eslami, A., & Fellenius, B.H.	1997
1	***Capacity of piles from CPT data, U1995***	DFI, Deep Foundation Magazine	Eslami, A., & Fellenius, B.H.	1995

B. International Conference Papers; More than 60

❖ Selected Cases:

No.	Title	Conference	Authors	Year
20	***Prospects for Bridge Foundation System Selection; Case-Based Implementation and Adaptation***	TRB 2025	Eslami, A., Karakouzian, M., Ebrahimipour, A., & Masoud, N.	2025
19	***Stability Prediction of Highway Slope on Highly Plastic Clay Using Particle Swarm Optimization (PSO)-Based Neural Network***	Geo-Congress 2024	Masoud, N., Han, F., Eslami, A., Khan, S., & Amini, F.	2024

18	***Helical pile in loess deposits as replacement of shallow foundations, studying Golestan site***	47th Annual Conference on Deep Foundations	Arabameri, M., Heidarie Golafzani, S., Eslami, A.,	2022
17	***Prospects on data mining approach for pile geotechnical design utilizing CPT and CPTu records, case study: AUT database***	5th international symposium on cone penetration testing (CPT 22)	Eslami, A., Heidarie Golafzani, S., & Moshfeghi, S.	2022
16	***Uncertainty and reliability appraisal of CPT-based methods for axial pile bearing capacity***	46th Annual Conference on Deep Foundations	Heidarie Golafzani, S., & Eslami, A.	2021
15	***CPT and pile database for performance-based design of pile axial bearing capacity***	45th Annual Conference on Deep Foundations	Eslami, A., Heidarie Golafzani, S., & Moshfeghi, S.	2020
14	***Performance evaluation of physical model of piles in by frustum confining vessel***	11th International Congress on Civil Engineering	Esmailzade, M., Aflaki, E., & Eslami, A.	2018
13	***Control and seismic retrofit with friction dampers for steel structures***	4th International Conference on Structural Engineering	Hayati, Y., Havaei, Gh., & Eslami, A.	2018
12	***Application of the observational method (OM) in adaptive design of deep urban excavations***	5th International Conference on Geotechnical Engineering and Soil Mechanics	Alipour, A., Barkadehi, & Eslami, A.	2016
11	***Optimum Considerations for Control of Large Urban Excavation Displacement***	2nd Geotechnical Engineering Conference	Yasrebi, H., & Eslami, A.	2015
10	***AUT-CPT&Pile Database for piling performance using CPT and CPTu records***	40th Annual Conference on Deep Foundations	Moshfeghi, S., Eslami, A., & Mir Mohammad Hosseini, S.M.	2015
9	***Dynamic settlement considerations in foundation design located on uniform fine sand***	2nd International Conference on Geotechnical and Urban Earthquake Engineering	Ahmadi, H., Eslami, A., & Arabani, M.	2015
8	***AUT- CPT & Pile Database- CPT data and pile loading test records correlation***	4th International Conference on Bridges	Moshfeghi, S., Eslami, A., & Mir Mohammad Hosseini, S.M.	2015
7	***Evaluation of determinant parameters for thickening the engineered fills layers***	Proceedings of the new trends in transport phenomena	Yarbakhti, P., & Eslami, A.	2014
6	***Analytical approach for determining soil shear strength parameters from CPT and CPTu data***	Proceedings of the 18th International Conference on Soil Mechanics and Geotechnical Engineering	Motaghedi, H., Eslami, A., & Shakeran, M.	2013
5	***Pile shaft capacity from cone penetration test (CPT) records; considering scale effects***	38th Annual Conference on Deep Foundations	Eslami, A., Lotfi, S., & Eslami, M.	2013
4	***Geotechnical behavior of cement treated soils southern coast line of Caspian Sea***	2nd International Transportation Geotechnics in Sapporo	Sedighi, & Eslami, A.	2012
3	***Evaluation of deep soil Improvement in problematic soils using CPT and CPTu data***	9th international congress on civil engineering	Shakeran, M., Farhadi Nasl, H., & Eslami, A.	2012
2	***Geotechnical aspects for design and performance of floating foundations***	Geo-Frontiers 2011 © ASCE	Mohsenian, S., Eslami, A., & Kasaee	2011
1	***Soil characterization in super soft, sensitive soils of Urmiyeh Lake***	The 4th Conference on Geotechnical Engineering and Soil Mechanics	Hosseini, B., & Eslami, A.	2010