

# ABOLFAZL ESLAMI

## PhD., M. ASCE

### CV



[[Personal Website](#)]; [[Google Scholar](#)]; [[LinkedIn](#)]

#### 1- CONTACT INFORMATION

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**Email:** [afeslamimm@gmail.com](mailto:afeslamimm@gmail.com)

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

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

## 7- KEYNOTE SPEECHES & INVITED LECTURES

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

## 8- HONORS & AWARDS

- Citation Based on Google Scholar: 3525 cases and with H-Index 31 [Link](#).
- Supervising the thesis selected as the superior Ph.D. graduate project of the year 2021
- Selected author for verbal presentation in DFI 46<sup>th</sup>
- 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	<i>Sloped Porous Grid Seawalls</i>	82195	I.R. Iran	Eslami, A., Mohammadi, M., & Shirinzaban, M.	2014/02/1	2034/01/1
2	<i>Frustum Confining Vessel (FCV-AUT)</i>	82201	I.R. Iran	Zare, M. & Eslami, A.	2014/02/1	2034/01/1
3	<i>Cycle and Non-Cycle Simulation Machine of The Marine Conditions (Atmosphere and Splashing Zones) For Concrete and Other Samples</i>	82143	I.R. Iran	Mohammadi, M., Mohammadi, H., Ebadi, T., & Eslami, A.	2014/02/1	2033/12/1
4	<i>Attached Single Foundations</i>	82202	I.R. Iran	Eslami, A.	2014/02/1	2034/01/1
5	<i>Tire-Aggregate Piers (TAP)</i>	82144	I.R. Iran	Eslami, A., Mohammadi, M., & Fahimifar, A.	2014/02/1	2034/01/1
6	<i>Inclined Retaining Wall</i>	82203	I.R. Iran	Eslami, A., Mohammadi, H., & Ahmadi, H.	2014/02/1	2033/12/1
7	<i>Upgrading Ig Apparatus for Adjacent Foundations Study Along With Image Processing</i>	---	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
45	<i>Pore Water Pressure Generation and Sensitivity Aspects for Pile Dynamics and Capacity Loss: CPTu Records and Case Studies</i>	Soil Dynamics and Earthquake Engineering	Eslami, A., Shadlou, D., & Ebrahimipour, A.	2025
44	<i>Raft Foundations under Combined Vertical-Moment-Horizontal Loading: A Numerical Study on Design-Adaptive Serviceability</i>	Transportation Infrastructure Geotechnology	Eslami, A., & Ebrahimipour, A.	2025
43	<i>New approach for the numerical analysis of stiffened deep cement mixing columns and piles in coastal engineering through 1D elements</i>	Ocean Engineering	Abolfazl Eslami, Ali Arjmand, Arman Ardehe, Amirhossein Ebrahimipour, Masoud Nobahar, & Pin-Qiang Mo	2024

42	<b><i>Form and Load Transfer Aspects of Foundation Systems; Case-Based Implementation and Adaptation for Buildings</i></b>	Deep Underground Science & Engineering	Eslami, A., Ebrahimipour, A., Imani, M., Imam, R. and Mo, P.Q.	2024
41	<b><i>Bio-Electrokinetic Improvement of Deltaic Soil</i></b>	Journal of Rock Mechanics & Geotechnical Engineering	Nabizadeh, M., Soroush, A., Fattahi, S.M. & Eslami, A.	2024
40	<b><i>Appraisal of soil-cement columns load displacement behavior through full-scale tests database</i></b>	Marine Georesources and Geotechnology	Arjmand, A. & Eslami, A.	2024
39	<b><i>Load-displacement appraisal and analysis for driven piles; a data-centric approach</i></b>	COMGEO, Computers and Geotechnics	Eslami, A. & Ebrahimipour, A.	2024
38	<b><i>Assessment of adjacent foundations consequences and solutions for remediation via physical modeling</i></b>	SDEE, Soil Dynamics and Earthquake Engineering	Moghaddasi, H., Eslami, A., Akbarimehr, D. & Asgari, S.	2024
37	<b><i>Comparison of frustum confining vessel (FCV) and full-scale testing for helical and expanded piles geotechnical performance</i></b>	MGG, Marine Georesources and Geotechnology	Esmailzade, M, Eslami, A. & McCartney, JS.	2024
36	<b><i>Hyperbolic load-displacement analysis of helical and expanded piles: database approach</i></b>	Geotechnical Engineering	Rahimi, A., Eslami, A. & McCartney, JS.	2024
35	<b><i>Analytical study of piles behavior for marine challenging substructures</i></b>	Ocean Engineering	Ebrahimipour, A., & Eslami, A.	2024
34	<b><i>Cavity expansion-based Interpretation of CPTu data in Clays</i></b>	Geotechnique	Mo, PQ. & Cai, G. & Jun Wang, K. & Eslami, A. & Sui Yu, H.	2024
33	<b><i>Dominant Factors in MiniCone, CPT &amp; Pile Correlations: Databased Approach</i></b>	Deep Underground Science and Engineering	Shirani, S., Eslami, A., Ebrahimipour, A. & Karakouzian, M.	2023
32	<b><i>Discrete element modelling of thermal penetration test with heating and cooling</i></b>	Computers and Geotechnics	Pin-Qiang Mo, Jing Hu, Yu-Chen Hu, Kuan-Jun Wang, Abolfazl Eslami, Liu Gao	2023
31	<b><i>Experimental Investigation of Helical Pile Performance for Loess Deposits Improvement</i></b>	DFI, Deep Foundation Journal	Eslami, A., Rostami, F., Heidarie Golafzani, S. & Arabameri, M.	2023
30	<b><i>Developed Triangular Charts; Deltaic CPTu-Based Soil Behavior Classification Using AUT: CPTu-Geo-Marine Database</i></b>	Probabilistic Engineering Mechanics	Eslami, A., Heidarie Golafzani, S., & Naghibi, M.H.	2022
29	<b><i>Optimized selection of axial pile bearing capacity predictive methods based on multi criteria decision making (MCDM) models and database approach</i></b>	Soft Computing Journal	Heidarie Golafzani, S., Eslami, A., Jamshidi Chenari, R., & Hamed Saghalian, M.	2022
28	<b><i>Failure analysis of clay soil-rubber waste mixture as a sustainable construction material</i></b>	Construction and Building Materials	Eslami, A. & Akbarimehr, D.	2021
27	<b><i>Geotechnical behaviour of clay soil mixed with rubber waste</i></b>	Journal of Cleaner Production	Akbarimehr, D., Eslami, A. & Aflaki, E.	2020
26	<b><i>Probabilistic assessment of model uncertainty for prediction of pile foundation bearing capacity; static analysis, SPT and CPT-based methods</i></b>	Geotechnical and Geological Engineering	Heidarie Golafzani, S., Eslami, A. & Jamshidi Chenari, R.	2020
25	<b><i>Pile shaft capacity from cone penetration test records considering scale effects</i></b>	International Journal of Geomechanics	Eslami, A., Lotfi, L., Infante, J.A., Moshfeghi, S. & Eslami, M.	2020
24	<b><i>Geotechnical site characterization of the Urmia Lake super-soft sediments using laboratory and CPTu records</i></b>	MGG, Marine Georesources and Geotechnology	Eslami, A., Akbarimehr, D., Aflaki, E. & Hajitaheriha, M. M.	2019
23	<b><i>Self-expanded piles: a new approach to unconventional piles development</i></b>	MGG, Marine Georesources and Geotechnology	Shojaei, E., Eslami, A. & Ganjian, N.	2019
22	<b><i>Skirted semi-deep foundations behaviour on deposits with variable undrained shear strength</i></b>	SAOS, Ships and Offshore Structures	Rezazadeh, S. & Eslami, A.	2019
21	<b><i>Reliability based assessment of axial pile bearing capacity: static analysis, SPT and CPT-based methods</i></b>	Georisk: Assessment and Management of Risk for Engineered System and Geohazards	Heidarie Golafzani, S., Jamshidi Chenari, R. & Eslami, A.	2019
20	<b><i>Failure analysis of CPT-based direct methods for axial capacity of driven piles in sand</i></b>	Georisk: Assessment and Management of Risk for Engineered System and Geohazards	Moshfeghi, S. & Eslami, A.	2018
19	<b><i>Study on pile ultimate capacity criteria and CPT based direct methods</i></b>	IGE, International Journal of Geotechnical Engineering,	Moshfeghi, S. & Eslami, A.	2018
18	<b><i>CPT-Based Approach to Study the Load-Displacement Behavior of Driven Piles by the New Method of Stress Characteristics</i></b>	Springer Nature Switzerland	Valikhah, F., Eslami, A. & Veiskarami, M.	2018

17	<i>A study of the axial load behaviour of helical piles in sand by frustum confining vessel</i>	International Journal of Physical Modelling In Geotechnics, Ice	Eslami, A., Askari Fateh, A. M. & Fahimifar, A.	2017
16	<i>Settlement evaluation of explosive compaction in saturated sands</i>	SDEE, Soil Dynamics and Earthquake Engineering,	Daryai, R. & Eslami, A.	2017
15	<i>Empirical methods for determining shaft bearing capacity of semi-deep foundations socketed in rocks</i>	Rock Mechanics and Geotechnical Engineering	Rezazadeh, S., & Eslami, A.	2017
14	<i>Bearing capacity of semi-deep skirted foundations on clay using stress characteristics and finite element analyses</i>	MGG, Marine Georesources and Geotechnology	Rezazadeh, S. & Eslami, A.	2017
13	<i>Seawall case studies and failure analysis of sloped concrete walls under static and dynamic loads</i>	MGG, Marine Georesources and Geotechnology	Eslami, M. & Eslami, A.	2017
12	<i>Physical modeling for pile performance combined with ground improvement using frustum confining vessel (FCV)</i>	International Journal of Physical Modelling in Geotechnics, ICE	Karimi, A.H.& Eslami, A.	2017
11	<i>Geotechnical aspects of explosive compaction</i>	Shock and Vibration	Shakeran, M., Eslami, A., & Ahmadvpour, M.	2016
10	<i>Assessment of Babolsar concrete pedestrian bridge failure for 1964 flood event and retrofitting practice</i>	EFA, Engineering Failure Analysis	Eslami, A., Heidarie Golaftzani, S. & Jamshidi Chenari, R.	2016
9	<i>Drained soil shear strength parameters from CPTu data for marine deposits by analytical model</i>	SAOS, Ships and Offshore Structures,	Eslami, A., Mohammadi, A.	2015
8	<i>Behavior of piles under different installation effects by physical modeling</i>	IJOG, International Journal of Geomechanics, ASCE	Zarrabi, M. & Eslami, A.	2015
7	<i>Effects of freeze-thaw cycles on a fiber reinforced fine grained soil in relation to geotechnical parameters</i>	Cold Regions Science and Technology	Roustaie, M., Eslami, A. & Ghazavi, M.	2015
6	<i>Investigation of explosive compaction (EC) for liquefaction mitigation using CPT records</i>	BEE, Bulletin of Earthquake Engineering,	Eslami, A.	2015
5	<i>End-bearing capacity of driven piles in sand using the stress characteristics method: analysis and implementation</i>	CGJ, Canadian Geotechnical Journal	Veiskarami, M., Eslami, A., & Kumar, J.	2011
4	<i>Piles shaft capacity from CPT and CPTu data by polynomial neural networks and genetic algorithms.</i>	COMGEO, Computers and Geotechnics Journal	Ardalan, H. Eslami, A. & Nariman-Zadeh, N.	2009
3	<i>CPT and CPTu data for soil profile interpretation, review of methods and proposed new approach</i>	IJST, Iranian Journal of Science and Technology	Eslami, A., & Fellenius, B.H.	2004
2	<i>Pile capacity by direct CPT and CPTu methods applied to 102 case histories</i>	CGJ, Canadian Geotechnical Journal	Eslami, A., & Fellenius, B.H.	1997
1	<i>Capacity of piles from CPT data, U1995</i>	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	<i>Prospects for Bridge Foundation System Selection; Case-Based Implementation and Adaptation</i>	TRB 2025	Eslami, A., Karakouzian, M., Ebrahimipour, A., & Masoud, N.	2025
19	<i>Stability Prediction of Highway Slope on Highly Plastic Clay Using Particle Swarm Optimization (PSO)-Based Neural Network</i>	Geo-Congress 2024	Masoud, N., Han, F., Eslami, A., Khan, S., & Amini, F.	2024
18	<i>Helical pile in loess deposits as replacement of shallow foundations, studying Golestan site</i>	47 <sup>th</sup> Annual Conference on Deep Foundations	Arabameri, M., Heidarie Golaftzani, S., Eslami, A.,	2022

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