



## Curriculum Vitae

### Personal Data: Professor of Offshore Structures

Name	Surname	Date of Birth	Nationality	Sex	Marital
<b>Mohammad-Ali</b>	<b>Lotfollahi-Yaghin</b>	<b>21/10/58</b>	<b>Iranian</b>	<b>Male</b>	<b>Married</b>

Telephone	Fax	E-mail
<b>0098-411-3341241</b>	<b>3344287</b>	<b>a_lotfollahi@yahoo.com</b> <b>lotfollahi@tabrizu.ac.ir</b>

### Educational Background: (Last One First)

Certificate Degree	Field of Specialization	Name of Institution Attended	Date Received
<b>Dr. Eng. ( Ph.D.)</b>	<b>Offshore- Structures</b>	<b>Heriot-Watt University, United- Kigdom</b>	<b>1997</b>
<b>M.Sc.</b>	<b>Structural Engineering</b>	<b>Tabriz University, Iran</b>	<b>1976</b>
<b>B.Sc.</b>	<b>Civil Engineering</b>	<b>Isfahan University of Technology</b>	<b>1971</b>

Title of Post-Graduate Thesis:

**The Study of Tall Chimney Behavior Due to Wind Loads**

Title of Doctorate Thesis:

**Joint Probabilities of Responses to Wave Induced Loads On Mono-Hull  
Floating Offshore Structures**

### Teaching Experiences: (Last One First)

Title of Course	Level	Dates		Name of Institution
		From	To	
<b>Dynamics of Marine Structures</b>	<b>Phd &amp; M.Sc.</b>	<b>2006</b>	<b>on</b>	<b>Faculty of Eng., University of Tabriz</b>
<b>Coastal Engineering</b>	<b>Phd</b>	<b>2006</b>	<b>on</b>	<b>Faculty of Eng., University of Tabriz</b>
<b>Earthquake Engineering for Marine Applications</b>	<b>Phd</b>	<b>2006</b>	<b>on</b>	<b>Faculty of Eng., University of Tabriz</b>

<b>Principles of Marine Hydraulics</b>	<b>M.Sc.</b>	<b>2006</b>	<b>on</b>	<b>Faculty of Eng., University of Tabriz</b>
<b>Design of Marine Structures</b>	<b>M.Sc.</b>	<b>1997 2006</b>	<b>2005 on</b>	<b>Urmia university, University of Tabriz</b>
<b>Advanced Engineering Mathematics</b>	<b>M.Sc.</b>	<b>2005</b>	<b>2006</b>	<b>Faculty of Eng., University of Tabriz</b>
<b>Reainforced Concrete Structures</b>	<b>B.Sc.</b>	<b>1997 2006</b>	<b>2005 on</b>	<b>Urmia university, University of Tabriz</b>
<b>Structural Analysis</b>	<b>B.Sc.</b>	<b>1997 2006</b>	<b>2005 on</b>	<b>Urmia university, University of Tabriz</b>
<b>Dynamics</b>	<b>B.Sc.</b>	<b>1997 2005</b>	<b>1998 2006</b>	<b>Urmia university, University of Tabriz</b>

**Administrative Responsibilities:** (Last One First)

Job Title	Place of Work	Date		Name of Institution
		From	To	
<b>Head of Civil Engineering Department</b>	<b>Faculty of Engineering</b>	<b>2009</b>	<b>On</b>	<b>University of Tabriz</b>
<b>Head of Civil Engineering Department</b>	<b>Faculty of Engineering</b>	<b>2002</b>	<b>2005</b>	<b>Urmia University</b>
<b>Vice- Chancellor on Education</b>	<b>Urmia University</b>	<b>1998</b>	<b>2002</b>	<b>Urmia University</b>
<b>Vice- Dean on Research &amp; Education</b>	<b>Faculty of Engineering</b>	<b>1997</b>	<b>1998</b>	<b>Urmia University</b>

**Academic Positions:** (Last One First)

Title of Position	Field of Specialization	Date		Name of Institution
		From	To	
<b>Professor</b>	<b>Offshore Structures</b>	<b>2011</b>	<b>On</b>	<b>Faculty of Engineering, University of Tabriz</b>
<b>Associate Professor</b>	<b>Offshore Structures</b>	<b>2008</b>	<b>2011</b>	<b>Faculty of Engineering, University of Tabriz</b>
<b>Assistant Professor</b>	<b>Offshore Structures</b>	<b>2005</b>	<b>2008</b>	<b>Faculty of Engineering, University of Tabriz</b>
<b>Assistant Professor</b>	<b>Offshore Structures</b>	<b>1997</b>	<b>2005</b>	<b>Faculty of Engineering, Urmia University</b>

**Master and Doctorate Thesis Supervision:**

No	Full Name of Student	Level	Title of Thesis
1	Alireza Mojtahedi	PhD	Study of System Identification Theories for Monitoring of Dynamical Behavior and Integrity of Fixed Offshore Structure Via Physical Models and Wave-maker Hydraulic
2	Hamid Ahmadi	PhD	Experimental and Numerical Investigation of the SCF Distribution in Unstiffened and Stiffened Uni-Planar Tubular KT-Joints of Steel Platforms and the Extension of Numerical Study to Multi-Planar Joints
3	Ramin Vafaeepour	PhD	Analysis of the Function of Seawalls under Wave Loading with Diverse Shapes using Laboratory Model
4	Morteza Biklareyn	PhD	Assessing the Effects of Uncertainty Parameters on Dynamic Performance of the Pier Structure Using Physical and Numerical Models
5	Farzad, kivan	M. Sc.	Experimental Investigation of Hydrodynamic Forces on Vertical Members of Offshore Platforms Due to Current and Random Waves
6	Shahinpar, Reza	M. Sc.	The Study of Dynamic Behavior of Damaged Reinforced Concrete Members Using Finite Element Method
7	Marofi, Saeed	M. Sc.	The Effect of Urmia-Lake Water on Concrete
8	Karimi, Jamaladdin	M. Sc.	Influence of Infill Walls on the In-plane Behavior of RC Frames By Finite Element Method
9	Rastgar, Mehdi	M. Sc.	Using Finite Element in Investigation of Dynamic Behaviour of Floating Structures
10	Keramat Zaranji, Islam	M. Sc.	Experimental Investigation of Pressure Distribution Around a Circular Cylinder With Partial Roughness Under Regular & Irregular Waves
11	Sanaaty, Bizhan	M. Sc.	Using Artificial Neural Networks Method in Determining Hydrodynamic Forces on a Vertical Pile
12	Nagili, Reza	M. Sc.	Investigation of Strength on Reinforced Concrete Corners Under Different Reinforcement Using FEM
13	Golgoun, Hamidreza	M. Sc.	Investigation of Openings Influence on Reinforced Concrete Slabs With “ANSYS”

14	Taghinezhad, Ramin	M. Sc.	The Best Location of Shear Walls in Plan and Height of the Structures Based on Static and Dynamic Analysis
15	Javadain, S.Idriss	M. Sc.	Evaluation of Vulnerability of R/C Buldings in Urmia
16	Hatami, Afshin	M. Sc.	Investigation on Various Retrofitting Models of RC Building Using Steel Concentric Bracing
17	Mojtahedi, Alireza	M. Sc.	Investigation of Circular Cylinder Hydrodynamics by CFD, Spectral Analysis and System Identification Methods
18	Barghlame, Hadi	M. Sc.	The Investigation of Torsion Capacity in the Rectangular & Shell Reinforced Concrete Beams with Spiral Link
19	Ghatehfar, Amir	M. Sc.	The Assessment of Performance of Iranian Traditional Arched Under Uniform Distributed Loads Using FEM
20	Movahednia, Mehrdad	M. Sc.	Using FEM to Analysis of Offshore Platform and Comparing of the Results with Prediction of Artificial Neural Network
21	Vakili, Morteza	M. Sc.	Identification of Crack Characteristics in Structural Members Based on Wavelet Analysis
22	Hesari, Mohammad Amin	M. Sc.	Dynamic Analysis of the Arch Dams With Finite Element Method and Crack Specification Possibility in Dam Structure under Wavelet Analyzing
23	Marjani, Bardia	M. Sc.	The Study of Reinforcement Detailing in RC Corner Subjected to Opening and Closing Moment Using FEM
24	Hassanpour kashani, Mahsa	M. Sc.	Simulation of Rainfall-unoff Process Using Artificial Neural Network Model in Western and Southern Basins of Urmia Lake
25	Moallemi, Abdolrahman	M. Sc.	Dynamical Analysis of the Arch Dams Using FEM and Prediction of Responses by ANN Method
26	Khoshkenar, Ramin	M. Sc.	Dynamic Analysis of Concrete Gravity Dams Considering the Dam and Reservior Interaction Couosed By Earthquake Load
27	Koohdarag, Mehdi	M. Sc.	Identification of Characteristics of Crack in Arced-Element Based on Wavelet Packet Analysis

28	Akbari-Baghal, Amir-Ebrahim	M. Sc.	Performance Study of Steel Shear Wall with Various Panel Dimensions and Boundary Conditions Using FEM
29	Khatibi, Seyed Mansour	M. Sc.	Size and Location Effects of Opening on Behaviour of Concrete Shear Walls with and without Reinforcement
30	Tariverdian, Hamoun	M. Sc.	Using Artificial Neural Network in Determining the Responses of Shear Wall with Opening
31	Masoumi, Faraz	M. Sc.	The Effect of Specification Variations of Cables on Dynamic Response of Cable-Stayed Bridges
32	Hooshyar, Sina	M. Sc.	The Influence of Web Hole Shapes on the Fatigue Rate of Steel Beams with FEM
33	Shater Moghaddam, Mahdi	M. Sc.	Hydrodynamic Effect of Breaking Wave on Vertical Sea Walls
34	Mousavi, Seyed Mehdi	M. Sc.	Determining the Forces of Waves Colliding with High Dimension Piers Using Numerical Methods
35	Sadrolashrafi, Seyed Saleh	M. Sc.	Analysis of Concrete Behavior in the Beam column Reinforced Concrete Connections under bending Moment (using FEM)
36	Seyed Mousavi, Seyed Mehdi	M. Sc.	Investigation of Dynamic Interaction of Dam-Reservoir Due to the Variation of Upstream Slope Using ABAQUS Software
37	Ahmadi, Hamid	M. Sc.	Geometrical effect on the stress distribution along the weld toe for tubular KT-joints under balanced axial loading
38	Ahmadzadeh, Vahid	M. Sc.	Consideration of Torsional Capacity of Columns Under Torsional Loading and Axial Force with Spiral and Closed Ties
39	Sohrabi Bonab, Arash	M. Sc.	The Operation Study of Cable Braces in Steel Frames Due to Static and Dynamic (Earthquake) Forces

## **Publications:**

### ***A: Books***

Title	Type of Work		Publisher	Date of Publication
	Translation	Compilation		
<b>ABAQUS Analysis User's Manual Modeling &amp; Analysis</b>	*		<b>Frozesh Pub.</b>	<b>2007</b>
<b>Dynamics of Offshore Structures</b>		*	<b>University of Tabriz</b>	<b>2011</b>

### ***B: Papers***

Title of Paper	Place of Publication	Date of Publication
<b>Ahmadi, H., Lotfollahi-Yaghin, M.A., Effect of SCFs on S-N based fatigue reliability of multi-planar tubular DKT-joints of offshore jacket-type structures</b>	<b>Ships and Offshore Structures, Taylor &amp; Francis Group (ISI), Vol. 8, No. 1,</b>	<b>2013</b>
<b>Barghlame, H., Lotfollahi-Yaghin, M.A., Mohammadrezaei, M., Bahaminfar, B., The Effect of Urmia-Lake Water on Mechanical Strength Concrete with Various Admixtures</b>	<b>Maxwell Scientific Organization, Research Journal of Applied Sciences, Engineering and Technology 5(7)</b>	<b>2013</b>
<b>Lotfollahi-Yaghin, M.A., Rezaei, R., Time-history Response Analysis of Jacket Offshore Platform Due to Water Level Variation and Safety of Structural Members</b>	<b>Advanced Materials Research, Trans Tech Publications, Switzerland, Vol., 601</b>	<b>2013</b>
<b>Azadi Hir, M., Lotfollahi-Yaghin, M.A., Moslemi, N., Azadi Hir, A., Dynamic Analysis of Concrete Bridge Using Finite Element Method</b>	<b>Archive of Sciences Journal, Volume 67, Number 9, September</b>	<b>2013</b>
<b>Azadi Hir, M., Lotfollahi-Yaghin, M.A., Bagheri Varghesaran, R., Hashemi Dijvejin, M.M., Investigating the effects of floor rigidity on the performance of steel rehabilitated framed buildings</b>	<b>Archive of Sciences Journal, Volume 66, Number 8, August,</b>	<b>2013</b>

<b>Shahverdi, S., Lotfollahi Yaghin, M.A., Asgarian, B., Reduced Wavelet Component Energy- Based Approach for Damage Detection of Jacket Type Offshore Platform</b>	<b>Smart Structures and Systems, Vol.11, No.6,</b>	<b>2013</b>
<b>Lotfollahi Yaghin, M.A., Bagerzadeh Karimi., M.R., Bagheri Azar, B., Sabetahd, R., Jafarzadeh, K., Vibration Control of Multi Degree of Freedom Structure Under Earthquake Excitation with TMD Control and Active Control Force using Fuzzy Logic Method at the Highest and the Lowest Story of the Building</b>	<b>Archives Des Sciences □ Vol 65, No. 11, Nov,</b>	<b>2012</b>
<b>Lotfollahi Yaghin, M.A., Mojtahedi, A., Aminfar, M.H., Physical model studies and system identification of hydrodynamics around a vertical square-section cylinder in irregular sea waves</b>	<b>Ocean Engineering, Elsevier, Volume 55.,</b>	<b>2012</b>
<b>Ahmadi, H., Lotfollahi-Yaghin, M.A., Shao, Y.B., Aminfar, M.H., Parametric Study and Formulation of Outer-Brace Geometric Stress Concentration Factors in Internally Ring-Stiffened Tubular KT-Joints of Offshore Structures</b>	<b>Applied Ocean Research, Elsevier, Volume 38,</b>	<b>2012</b>
<b>Mojtahedi, A., Lotfollahi Yaghin, M.A., Hassanzadeh, Y., Abbasidoust, F., Ettefagh, M.M., Aminfar, M.H., A Robust Damage Detection Method Developed for Offshore Jacket Platforms Using Modified Artificial Immune System Algorithm</b>	<b>China Ocean Engineering, Springer, Volume 26, Number 3,</b>	<b>2012</b>
<b>Ahmadi, H., Lotfollahi-Yaghin, M.A., Aminfar, M.H., The development of fatigue design formulas for the outer brace SCFs in offshore three-planar tubular KT- joints</b>	<b>Thin-Walled Structures, Elsevier, Volume 58,</b>	<b>2012</b>



<b>Ahmadi, H., Lotfollahi-Yaghin, M.A., Aminfar, M.H., Stress concentration factors at saddle and crown positions on the central brace of two-planar welded CHS DKT-connections</b>	<b>Journal of Marine Science and Application (JMSA), Springer (Scopus), Volume 11, Number 1/,</b>	<b>2012</b>
<b>Lotfollahi Yaghin, M.A., Pourtaghi, A., Sanaati, B., Lotfollahi Yaghin, A., Artificial Neural Network Ability in Evaluation of Random Wave-Induced Inline Force on Vertical Cylinder</b>	<b>China Ocean Engineering, Springer, Volume 26, Number 1,</b>	<b>2012</b>
<b>Ahmadi, H., Lotfollahi-Yaghin, M.A., A probability distribution model for stress concentration factors in multi-planar tubular DKT-joints of steel offshore structures</b>	<b>Applied Ocean Research, Elsevier, Volume 34,</b>	<b>2012</b>
<b>Ahmadi, H., Lotfollahi-Yaghin, M.A., Geometrically parametric study of central brace SCFs in offshore three-planar tubular KT-joints</b>	<b>Journal of Constructional Steel Research, volume 71, April,</b>	<b>2012</b>
<b>Lotfollahi-Yaghin, M.A., Rastgar, M., Ahmadi, H., Slamming Induced Dynamic Response of a Floating Structure</b>	<b>Journal of Marine Science and Technology, Vol. 20, No. 2, April,</b>	<b>2012</b>
<b>Lotfollahi-Yaghin, M.A., Famiyani, H., Koohdarag, M., Detecting Defective Parts in Space Structures Through Wavelet Transform</b>	<b>Journal of Basic and Applied Science Research, Textroad Publication, Vol. 2, No. 2, April,</b>	<b>2012</b>
<b>Lotfollahi Yaghin, M.A., Pourtaghi, Wavenet ability assessment in comparison to ANN for predicting the maximum surface settlement caused by tunneling</b>	<b>Tunnelling and Underground Space Technology, Volume 28,</b>	<b>2012</b>
<b>Koohdarag, M., Lotfollahi-Yaghin, M.A., Sepehr, S., Hosseyni, F., Study of the Functions of Wavelet Packet Transform (WPT) and Continues Wavelet Transform (CWT) in Recognizing the Damage Specification</b>	<b>Journal of Civil Engineering and Architecture, David Publishing, Vol. 5, No. 9, Sep.,</b>	<b>2011</b>



<b>Ahmadi, H., Lotfollahi-Yaghin, M.A., Aminfar, M.H.,</b> <b>Effect of stress concentration factors on the structural integrity assessment of multi-planar offshore tubular DKT-joints based on the fracture mechanics fatigue reliability approach</b>	<b>Ocean Engineering, Volume 38,</b>	<b>2011</b>
<b>Mojtahedi, A., Lotfollahi Yaghin, M.A., Hassanzadeh, Y., Ettefagh, M.M., Aminfar, M. H., Babaie Aghdam, A.,</b> <b>Developing a Robust SHM Method For Offshore Jacket Platform Using Model Updating And Fuzzy Logic System</b>	<b>Applied Ocean Research, Elsevier, Volume 33,</b>	<b>2011</b>
<b>Lotfollahi-Yaghin, M.A., Mojtahedi, A., Ettefagh, M.M., Aminfar, M.H.,</b> <b>Experimental investigation of TARMAX models capability to modeling and analysis of hydrodynamic forces on cylinder-like structures in sea waves</b>	<b>Journal of Marine Science and Application (JMSA), Springer, Volume 10, Number 3/ September</b>	<b>2011</b>
<b>Ahmadi, H., Lotfollahi-Yaghin, M.A., Aminfar, M.H.,</b> <b>Distribution of weld toe stress concentration factors on the central brace in two-planar CHS DKT-connections of steel offshore structures</b>	<b>Thin-Walled Structures, Elsevier, Volume 49</b>	<b>2011</b>
<b>Faraji Rad, A.R., Eghbali, N., Pishghahi Fard, Z., Beygbabayi, B., Koohdarag, M., Lotfollahi-Yaghin, M.A.,</b> <b>Health Monitoring of Damaged Members of Truss Structures Using Wavelet Packet Transform</b>	<b>International Journal on Recent Trends in Engineering &amp; Technology, Vol. 05, No. 03, March,</b>	<b>2011</b>
<b>Koohdarag, M., Lotfollahi-Yaghin, M.A., Ettefagh, M.M. Mojtahedi, A., Beyghbabaye, B.,</b> <b>Damage Detection in Beam-like Structures Based on Wavelet Packet</b>	<b>Scientific Research and Essays, Academic Journals, Vol. 6, No. 7, April.</b>	<b>2011</b>
<b>Ahmadi, H., Lotfollahi-Yaghin, M.A., Aminfar, M.H.,</b> <b>Geometrical effect on SCF distribution in uni-planar tubular DKT-joints under axial loads</b>	<b>Journal of Constructional Steel Research, volume 67, Issue 8, August,</b>	<b>2011</b>

<b>Lotfollahi-Yaghin, M.A., Ahmadi, H., Geometric stress distribution along the weld toe of the outer brace in two- planar tubular DKTjoints: parametric study and deriving the SCF design equations</b>	<b>Elsevier, Marine Structures, Volume 24, Issue 3, July</b>	<b>2011</b>
<b>Lotfollahi-Yaghin, M.A., Moosavi, S.M., Lotfollahi-Yaghin, A., Wave force on double cylindrical piles a comparison between exact and finite difference solutions</b>	<b>Journal of Marine Science and Application (JMSA), Springer, Volume 10, Number 1/ March,</b>	<b>2011</b>
<b>Lotfollahi-Yaghin, M.A., Koohdarag, M., “Examining the Functions of Wavelet Packet (WPT) and Continues Wavelet Transform (CWT) in Recognizing the Crack Specification</b>	<b>KSCE Journal of Civil Engineering, Springer, Volume 15, Number 3,</b>	<b>2011</b>
<b>Lotfollahi-Yaghin, M.A., Ahmadi, H., Effect of Geometrical Parameters on SCF Distribution along the Weld Toe of Tubular KT-joints under Balanced Axial Loads</b>	<b>Elsevier, International Journal of Fatigue, Volume 32, Number 4,</b>	<b>2010</b>
<b>Lotfollahi-Yaghin, M.A., Shahinpar, R., Ahmadi, H., Dynamic Behavior of Damaged Reinforced Concrete Beams and Application of White Noise Analysis to Crack Detection</b>	<b>Journal of the South African Institution of Civil Engineering, Volume 51, Number 2,</b>	<b>2009</b>
<b>Lotfollahi Yaghin, M.A., Vakili, M., Nondestructive Identification of Internal Crack Based on Wavelet Analysis</b>	<b>Journal of Faculty of Engineering, University of Tabriz (In persian), (Accepted under press)</b>	<b>2008</b>
<b>Lotfollahi Yaghin, M.A., Aminfar, M.H., Shatermoghadam, M., Ahmadi, H., Determination of Dynamic Load Factor for Reinforced Earth Seawall under the Breaking Waves</b>	<b>Journal of Faculty of Engineering, University of Tabriz (In persian), (Accepted under press)</b>	<b>2008</b>
<b>Lotfollahi Yaghin, M.A., Hesari, M.A., Using Stationary Wavelet Transform (SWT) in Crack Detection at the Arch Concrete Dam under Frequency Analysis</b>	<b>Journal of Modarres, Faculty of Engineering, Tarbiat Modarres University (In persian), (Accepted under press)</b>	<b>2008</b>

<b>Lotfollahi Yaghin, M.A., Koohdarag, M., Examination the functions of Wavelet Packet (WPT) and Continues Wavelet Transform (CWT) in recognizing the crack specification</b>	<b>Journal of Modarres, Faculty of Engineering, Tarbiat Modarres University (In persian), (Accepted under press)</b>	<b>2008</b>
<b>Rastgar, M., Lotfollahi Yaghin, M.A., Using Finite Element in Investigation of Waves-Induced Dynamic Responses of a Floating Structure Under Sea Waves</b>	<b>Quarterly Specialized Journal of Civil Engineering, Islamic Azad University, Iran, Vol. 4, No. 5, (In persian)</b>	<b>2008</b>
<b>Lotfollahi Yaghin, M.A., Hesari, M.A., Using Wavelet Analysis in Crack Detection at the Arch Concrete Dam under Frequency Analysis with FEM</b>	<b>World Applied Sciences Journal, IDOSI Publications, Volume 3, Number 4,</b>	<b>2008</b>
<b>Hassanpour Kashani, M., Montaseri, M., Lotfollahi-Yaghin, M.A., Flood Estimation at Ungauged Sites Using a New Hybrid Model</b>	<b>Journal of Applied Sciences, Asian Network for Scientific Information, Volume 8, Number 9,</b>	<b>2008</b>
<b>Lotfollahi Yaghin, M.A., Hesari, M.A., Dynamic Analysis of the Arch Concrete Dam under Earthquake Force with ABAQUS</b>	<b>Journal of Applied Sciences, Asian Network for Scientific Information, Volume 8, Number 15,</b>	<b>2008</b>
<b>Lotfollahi Yaghin, M.A., Sanaaty, B., A New Method in Determining Random Wave Induced Inline Forces</b>	<b>World Applied Sciences Journal, IDOSI Publications, Volume 3, Number 4,</b>	<b>2008</b>
<b>M.A. Lotfollahi Yaghin, A. Mojtahedi. Governing Probability Functions for Forces and Moments on Vertical Piles Due to Random Sea Waves</b>	<b>Journal of Engineering, Tehran University, Iran, Vol 41, No. 6, (In persian)</b>	<b>2008</b>
<b>Lotfollahi-Yaghin, M.A., Ahmadi, H., Investigation of Dynamic Properties of Cantilever Castellated Beams in Comparison with Plain-webbed Beams Using White Noise Excitation</b>	<b>World Applied Sciences Journal, IDOSI Publications, Volume 3, Number 3</b>	<b>2008</b>
<b>M.A. Lotfollahi Yaghin, R. Taghinezhad. Seismic Evaluation and Retrofitting of a RFC Structure with Flexural Frame and Shear Wall Using Steel Braces by Nonlinear Pushover Analysis</b>	<b>Quarterly Specialized Journal of Civil Engineering, Islamic Azad University, Iran, Vol. 3, No. 4, (In persian)</b>	<b>2007</b>

<b>M., Hassanpour Kashani, M., Montaseri, M.A. Lotfollahi Yaghin, Flood Estimation at Un-gauged Sites Using a New Nonlinear Regression Model and Artificial Neural Network</b>	<b>American-Eurasian Journal of Agricultural and Environmental Sciences, IDOSI Publications, Vol. 2, No. 6, Nov.</b>	<b>2007</b>
<b>M.A. Lotfollahi Yaghin, R. Taghinezhad. Investigation of Frame and Shear Wall Interaction</b>	<b>Quarterly Specialized Journal of Civil Engineering, Islamic Azad University, Iran, Vol. 3, No. 3, (In persian)</b>	<b>2006</b>
<b>M.A. Lotfollahi Yaghin, S.I. Javadain Quantitative Assessment of Vulnerability of Reinforced Concrete Buildings in Urmia</b>	<b>Quarterly Specialized Journal of Civil Engineering, Islamic Azad University, Iran, Vol. 2, No. 2, (In persian)</b>	<b>2005</b>
<b>M.A. Lotfollahi Yaghin, H.R. Golgoun Using Finite Element In Investigation of Opening Influence On Reinforced Concrete Slabs</b>	<b>Quarterly Specialized Journal of Civil Engineering, Islamic Azad University, Iran, Vol. 1, No. 1, (In persian)</b>	<b>2004</b>
<b>M.A. Lotfollahi Yaghin, Determining the Dynamic Properties of Castellated Beams Using the White- Noise</b>	<b>Quarterly Specialized Journal of Civil Engineering, Islamic Azad University, Iran, Vol. 1, No. 1, (In persian)</b>	<b>2004</b>
<b>M.A. Lotfollahi Yaghin, K. Farzad and M. Naghipour Estimation of Lift Force on a Rough Vertical Pile of Platform to Random Sea Waves</b>	<b>Esteghlal, Journal of Engineering, Isfahan University of Technology, Iran, Volume 23, No.1 (In persian)</b>	<b>2004</b>

#### **Research Activities:**

<b>The Investigation of Vibrational Effect of Water on a Cylinder Under Random Waves and Determination of the Dominated Probabilistic Model on Bending Moments</b>	<b>National Research Programing in 1376, Urmia University, Iran</b>	<b>2002</b>
<b>Dynamic Analysis of Castellated Beams Using FEM and Comparision of the Responses with Experimental Results</b>	<b>National Research Programing in 1376, Urmia University, Iran</b>	<b>2002</b>
<b>Determination of Mix Design and Mechanical Characteristics of Concrete for the Project of Urmia Lake Bridge (Reseach Partner: Dr Mardani)</b>	<b>Research Project for Industry, Urmia University, Urmia, Iran</b>	<b>2003</b>

<b>The Construction Possibility Study of Concrete or Another Kind of Water Reservoir Tanks in the Form of Lightweight and Precast and Stopping Style of Their Leakage (Research Partner: Dr Rezazadeh)</b>	<b>Research Project for Industry, Urmia University, Urmia, Iran</b>	<b>2005</b>
<b>Experimental Investigation of The Strengthening of Reinforced Concrete Beams</b>	<b>Urmia University, Urmia, Iran</b>	<b>2006</b>

**Papers Presented at National and International Scientific Assemblies:**

<b>Title of Paper</b>	<b>Title and Place of Assembly</b>	<b>Date</b>
<b>Rezaei, R., Lotfollahi-Yaghin, M.A., Water Level Variation Due to Global Warming and the Evaluation of Offshore Jacket Structure's Elemental Behavior</b>	<b>The 10<sup>th</sup> International Conference on Coasts, Ports and Marine Structures (ICOPMAS 2012), Tehran, Iran, 19-21 Nov.</b>	<b>2012</b>
<b>Shahverdi, S., Lotfollahi-Yaghin, M.A., Kabiri, S., Subsea Free Span Pipeline Damage Detection Based on Wavelet Transform Under Environmental Load</b>	<b>The 10<sup>th</sup> International Conference on Coasts, Ports and Marine Structures (ICOPMAS 2012), Tehran, Iran, 19-21 Nov.</b>	<b>2012</b>
<b>Ahmadi, H., Lotfollahi-Yaghin, M.A., Experimental and Numerical Investigation of Geometric SCFs in Internally Ring-Stiffened Tubular KT-Joints of Offshore Structures</b>	<b>The 10<sup>th</sup> International Conference on Coasts, Ports and Marine Structures (ICOPMAS 2012), Tehran, Iran, 19-21 Nov.</b>	<b>2012</b>
<b>Lotfollahi-Yaghin, M.A., Rezaei, R., Time-history Response Analysis of Jacket Offshore Platform Due to Water Level Variation and Safety of Structural Members</b>	<b>Second International Conference on Management, Manufacturing and Materials Engineering (ICMMM 2012), Beijing, China, September 21-23,</b>	<b>2012</b>
<b>Shahverdi, S., Lotfollahi-Yaghin, M.A., Identification of Offshore Jacket Damaged Members by Using Reduced Wavelet Component Energy</b>	<b>31st International Conference on Ocean, Offshore and Arctic Engineering, OMAE2012, Rio de Janeiro, Brazil, July 1-6,</b>	<b>2012</b>



<b>Shahverdi, S., Lotfollahi-Yaghin, M.A., Lotfollahi-Yaghin, A., Non-Destructive Damage Identification of Offshore Pipeline by Using Wavelet Transform and Wavelet Packet Transform</b>	<b>31st International Conference on Ocean, Offshore and Arctic Engineering, OMAE2012, Rio de Janeiro, Brazil, July 1-6,</b>	<b>2012</b>
<b>Lotfollahi-Yaghin, M.A., Ahmadi, H., Derivation of the Probability Function Governing the Distribution of SCFS in Two-Planer CHS DKT Connections of Offshore Jacket Structures</b>	<b>31st International Conference on Ocean, Offshore and Arctic Engineering, OMAE2012, Rio de Janeiro, Brazil, July 1-6,</b>	<b>2012</b>
<b>Lotfollahi-Yaghin, M.A., Mojtahedi, A., Hassanzadeh, Y., Etefagh, M.M., Aminfar, M.H., Investigation of Nonlinear and Uncertainty Effects on Structural Health Monitoring Process for Offshore Jacket- Type Structures Using Kernel Functions</b>	<b>31st International Conference on Ocean, Offshore and Arctic Engineering, OMAE2012, Rio de Janeiro, Brazil, July 1-6,</b>	<b>2012</b>
<b>Mojtahedi, A., Lotfollahi-Yaghin, M.A., Abbasidoust, F., Etefagh, M.M., Developing a Robust Structural Health Monitoring Method for Offshore Jacket Platform Using Modified AIS Algorithm</b>	<b>The 21<sup>st</sup> International Offshore (Ocean) and Polar Engineering Conference &amp; Exhibition, (ISOPE-2011), Maui, Hawaii, USA, June 19-24,</b>	<b>2011</b>
<b>Lotfollahi-Yaghin, M.A., Shahverdi, S., Tarinejad, R., Asgarian, B., Structural Health Monitoring (SHM) of Offshore Jacket Platforms,</b>	<b>30th International Conference on Ocean, Offshore and Arctic Engineering, OMAE2011, Rotterdam, The Netherlands, June 19-24,</b>	<b>2011</b>
<b>Lashteh-Neshaei S.A., Lotfollahi-Yaghin, M.A., Biklaryan, M., Prediction of Cross-Shore Beach Profile Evolution in the Vicinity of Seawalls</b>	<b>30th International Conference on Ocean, Offshore and Arctic Engineering, OMAE2011, Rotterdam, The Netherlands, June 19-24,</b>	<b>2011</b>
<b>Shahverdi, S., Lotfollahi-Yaghin, M.A., Aminfar, M.H., Valizadeh, R., Damage Detection in Offshore Free Span Pipelines Using Wavelet Packet Transform</b>	<b>30th International Conference on Ocean, Offshore and Arctic Engineering, OMAE2011, Rotterdam, The Netherlands, June 19-24,</b>	<b>2011</b>
<b>Lotfollahi-Yaghin, M.A., Ahmadi, H., Shahverdi, S., Geometrical Parametric Study and Development of Design Formulate for the SCF Distribution along the Weld Toe in Multi-planar CHS DKT- Connections of Offshore Structures</b>	<b>30th International Conference on Ocean, Offshore and Arctic Engineering, OMAE2011, Rotterdam, The Netherlands, June 19-24,</b>	<b>2011</b>

<b>Lotfollahi-Yaghin, M.A., Ettefagh, M.M., Mojtehed, A.R., Naghashi, A.R., Moghadam, M., A Baseline Finite Element Model for Investigation of Offshore Structure Dynamical Behavior Using Physical Modeling and Wave Maker Flume</b>	<b>The 9<sup>TH</sup> Intrenational Conference on Coasts, Ports and Marine Structures (ICOPMAS 2010) Tehran, 27 Nov.-1 Dec.</b>	<b>2010</b>
<b>Zarrintala Ahangari, H., Lotfollahi- Yaghin, M.A., Darvish Hashemi, M., The Experimental Study of Fresh Concrete Bond to Hardened Concrete</b>	<b>The 5th Civil Engineering Conference in the Asian Region and Australasian Structural Engineering Conference 2010, Convention and Exhibition Centre Sydney, Australia, 8-12 August</b>	<b>2010</b>
<b>Lotfollahi-Yaghin, M.A., Shahverdi, S., Tarinejad, R., Damage Detection in Jacket Type Offshore Platforms Using Wavelet Packet Transform</b>	<b>The 5th Civil Engineering Conference in the Asian Region and Australasian Structural Engineering Conference 2010, Convention and Exhibition Centre Sydney, Australia, 8-12 August</b>	<b>2010</b>
<b>Lotfollahi-Yaghin, M.A., Koohdaragh, M., Sepehr, S., Hosseyni, F., Massomi, F., Study of the Functions of Wavelet Packet Transform (WPT) and Continues Wavelet Transform (CWT) in Recognizing the Damage Specification</b>	<b>The 5th Civil Engineering Conference in the Asian Region and Australasian Structural Engineering Conference 2010, Convention and Exhibition Centre Sydney, Australia, 8-12 August</b>	<b>2010</b>
<b>Lotfollahi-Yaghin, M.A., Shahverdi, S., Tarinejad, R., Damage Detection in Jacket Type Offshore Platforms Using Wavelet Packet</b>	<b>The 5th Civil Engineering Conference in the Asian Region and Australasian Structural Engineering Conference 2010, Convention and Exhibition Centre Sydney, Australia, 8-12 August</b>	<b>2010</b>
<b>Lotfollahi-Yaghin, M.A., Koohdaragh, M., Sepehr, S., Hosseyni, F., Massomi, F., Study of the Functions of Wavelet Packet Transform (WPT) and Continues Wavelet Transform (CWT) in Recognizing the Damage Specification</b>	<b>The 5th Civil Engineering Conference in the Asian Region and Australasian Structural Engineering Conference 2010, Convention and Exhibition Centre Sydney, Australia, 8-12 August</b>	<b>2010</b>
<b>Koohdaragh, M., Lotfollahi-Yaghin, M.A., Ettefagh, M.M., Mojtehed, A.R., Moghadam, M., Damage Identification in Beam-like Structures Based on Wavelet Packet Using Minimum Number of Sensors</b>	<b>The 5th Civil Engineering Conference in the Asian Region and Australasian Structural Engineering Conference 2010, Convention and Exhibition Centre Sydney, Australia, 8-12 August</b>	<b>2010</b>



<b>Lotfollahi-Yaghin, M.A., Ahmadi-Azar, M., Rezaei A., Numerical investigation of the behavior of FRP wrapped RC columns under eccentric loading</b>	<b>International Conference on lightweight Construction &amp; Earthquake, Kerman, Iran, 21&amp; 22 April</b>	<b>2010</b>
<b>Lotfollahi, M.A., Ahmadi, H., Numerical Parametric Study of Stress Concentration along the Intersection of Tubular KT-joints Subjected to Balanced Axial Loading</b>	<b>The 19<sup>th</sup> International Offshore (Ocean) and Polar Engineering Conference &amp; Exhibition, Osaka, (ISOPE-2009), Japan, June 21–26,</b>	<b>2009</b>
<b>Ghatefar, A., Lotfollahi, M.A., The Assessment of Performance of Iranian Traditional Arches Under Uniform Distributed Loads Using Finite Element Method</b>	<b>Proceedings of The Third International Conference on Modeling, Simulation and Applied Optimization (ICMSAO'09), American University of Sharjah, U.A.E, January 20-22,</b>	<b>2009</b>
<b>Ahmadi, H., Lotfollahi Yaghin M.A., Geometrical Effect on the Stress Distribution Along the Weld Toe for Tubular KT- Joints under Balanced Axial Loading</b>	<b>8<sup>th</sup> International Conference on Coasts, Ports and Marine Structures, "ICOPMAS 2008" 24-26 Nov, Tehran, Iran</b>	<b>2008</b>
<b>Mojtahedi, A., Lotfollahi-Yaghin, M.A., Etefagh, M.M., Application of ARMAX and TARMAX Models to Modeling of Hydrodynamic Forces on Vertical Cylinder in Sea Waves</b>	<b>8<sup>th</sup> International Conference on Coasts, Ports and Marine Structures, "ICOPMAS 2008" 24-26 Nov, Tehran, Iran.</b>	<b>2008</b>
<b>Lotfollahi Yaghin, M.A., Rastgar M., Ahmadi, H., Investigation of the Dynamic Responses of Floating Structures under the Slamming Induced Impulse</b>	<b>8<sup>th</sup> International Conference on Coasts, Ports and Marine Structures, "ICOPMAS 2008" 24-26 Nov, Tehran, Iran.</b>	<b>2008</b>
<b>Lashte Neshaei, S.A., Lotfollahi-Yaghin, M.A., Biklaryan, M., A Sheet Flow Model to Estimate the Sediment Transport Rate for Beaches Backed by Seawalls</b>	<b>8<sup>th</sup> International Conference on Coasts, Ports and Marine Structures, "ICOPMAS 2008" 24-26 Nov, Tehran, Iran.</b>	<b>2008</b>
<b>Lotfollahi Yaghin, M.A., Aminfar, M.H., Shatermoghadam, M., Ahmadi, H., Effect of Breaking Waves on Dynamic Response of Reinforced Earth Seawalls</b>	<b>The 10<sup>th</sup> Conference on Marine Industries, Abadan-Khorramshahr, Iran. 28-30 Oct.</b>	<b>2008</b>

<b>Lotfollahi Yaghin, M.A., Aminfar, M.H., Moallemi, A., Simulation of Stress Time History on Arch Dam Due to Random Earthquake Excitation Signals, Using ANN Method</b>	<b>3<sup>rd</sup> Iran Water Resources Management Conference, University of Tabriz, Tabriz, Iran. 14-16 Oct.</b>	<b>2008</b>
<b>Lotfollahi Yaghin, M.A., Nikofar, B., Nikofar, E., The Establishment of Management Information System in Reservoir Dams Using (MIS, DSS, EIS) as Information Systems</b>	<b>3<sup>rd</sup> Iran Water Resources Management Conference, University of Tabriz, Tabriz, Iran. 14-16 Oct.</b>	<b>2008</b>
<b>Seyed Mousavi, S.M., Lotfollahi Yaghin, M.A., Investigation of Upstream Slope Effect on Dam's Hydrodynamical Forces Due to Dynamic Interaction of Dam-Reservoir</b>	<b>3<sup>rd</sup> Iran Water Resources Management Conference, University of Tabriz, Tabriz, Iran. 14-16 Oct.</b>	<b>2008</b>
<b>Vafaeipour, R., Lotfollahi, M.A., Aminfar, M.H., Analysis and Stabilization of the Slope of Km. 5 of Northern Tabriz Motorway and Comparison Methods</b>	<b>10<sup>th</sup> International Conference on Applications of Advanced Technologies in Transportation (AATT), Athens, Greece, May 27-31,</b>	<b>2008</b>
<b>Lotfollahi Yaghin, M.A., Koohdarag, M., Identification of Characteristics of Crack in Arced-Element Based on Wavelet Packet Analysis</b>	<b>4<sup>th</sup> National Congress on Civil Engineering, (4NCCE) University of Tehran, Tehran Iran . 6-8 May.</b>	<b>2008</b>
<b>M.A., Hesari, M.A. Lotfollahi-Yaghin, Modal Analysis of Concrete Arch Dams with and without Stony Supports Using Finite Element Method</b>	<b>4<sup>th</sup> National Congress on Civil Engineering, (4NCCE) University of Tehran, Tehran Iran . 6-8 May.</b>	<b>2008</b>
<b>M. Hassanpour, M. Montaseri, M.A. Lotfollahi-Yaghin, A. Hassanpour, Comparison of MLP and ELMAN Neural Networks with a New Regression Model in Flood Forecasting at Ungauged Sites</b>	<b>4<sup>th</sup> National Congress on Civil Engineering, (4NCCE) University of Tehran, Tehran Iran . 6-8 May.</b>	<b>2008</b>
<b>M. Hassanpour, M. Montaseri, M.A. Lotfollahi-Yaghin, Flood Regional Modeling Using A New Regression Model, Feed Forward and Feedback Artificial Neural Networks</b>	<b>The 6th Iranian Hydraulic Conference, Shahr-e-kord University, Shahr-e-kord, Iran, 4-6 Sept.</b>	<b>2007</b>

<b>M.A. Lotfollahi-Yaghin, H. Saeed-Monir, B. Marjani, Dynamic Effect of Moments on Reinforcement Detailing in RC Corner Joint Using FEM</b>	<b>5<sup>th</sup> International Conference on Seismology and Earthquake Engg., (SEE5), International Institute of Earthquake Engg., and Seismology (IIEES), 13-16 May, Tehran, Iran</b>	<b>2007</b>
<b>M.A. Lotfollahi-Yaghin, H. Saeed-Monir, B. Marjani, The Study of Reinforcement Detailing in RC Corner Joint Subjected to Opening and Closing Moment Using FEM</b>	<b>3<sup>rd</sup> National Congress on Civil Engineering, (3NCCE) University of Tabriz, Tabriz Iran. 1-3 May</b>	<b>2007</b>
<b>M. Hassanpour, M. Montaseri, M.A. Lotfollahi-Yaghin, Flood Estimation at Un-gauged Sites Using a Regression Model and Artificial Neural Network,</b>	<b>3<sup>rd</sup> National Congress on Civil Engineering, (3NCCE) University of Tabriz, Tabriz Iran. 1-3 May</b>	<b>2007</b>
<b>M.A. Lotfollahi-Yaghin, M.A., Hesari, Dynamic Analysis of The Arch Dams with FEM and Investigation of The Possibility of Crack Detection Using Wavelet Analysis</b>	<b>3<sup>rd</sup> National Congress on Civil Engineering, (3NCCE) University of Tabriz, Tabriz Iran. 1-3 May</b>	<b>2007</b>
<b>M.A. Lotfollahi-Yaghin, M. Negin, A. Behravesht, Comparision of the Reliability of Steel Frames with Different Braces</b>	<b>3<sup>rd</sup> National Congress on Civil Engineering, (3NCCE) University of Tabriz, Tabriz Iran. 1-3 May</b>	<b>2007</b>
<b>M.A. Lotfollahi-Yaghin, M. Movahednia Dynamic Analysis of An Offshore Platform Using ANSYS 7</b>	<b>7<sup>th</sup> International Congress on Civil Engineering, Tarbiat Modares University, Tehran Iran. 8-10 May</b>	<b>2006</b>
<b>M.A. Lotfollahi-Yaghin, M. Vakili Nondestructive Identification of Crack Using Wavelet Analysis</b>	<b>7<sup>th</sup> International Congress on Civil Engineering, Tarbiat Modares University, Tehran Iran. 8-10 May</b>	<b>2006</b>
<b>M.A. Lotfollahi-Yaghin, H. Barglameh Shell Type Behavior Study of Reinforced Concrete Beams with Spiral and Closed Links under Torsion Effect Using FEM</b>	<b>2<sup>nd</sup> Thin-Walled Structures Conference, Shahid Bahonar University of Kerman, Iran 16-17 Nov.</b>	<b>2005</b>

<b>M.A. Lotfollahi-Yaghin, M. Vakili Identification of Crack on Castellated Beam Based on Wavelet Analysis</b>	<b>2<sup>nd</sup> Thin-Walled Structures Conference, Shahid Bahonar University of Kerman, Iran 16-17 Nov.</b>	<b>2005</b>
<b>M.A. Lotfollahi-Yaghin, M. Movahednia Dynamic Analysis of An Offshore Structure Using ANSYS 7</b>	<b>The 5th Iranian Hydraulic Conference, Shahid Bahonar University of Kerman, Kerman, Iran 8-10 Nov.</b>	<b>2005</b>
<b>M.A. Lotfollahi Yaghin, M.M. Ettefag, A. Mojtahedi, Determining the Effective Forces on Cylindrical Pile Due to Sea Waves Using ARMAX Parametrical Model</b>	<b>The 5th Iranian Hydraulic Conference, Shahid Bahonar University of Kerman, Kerman, Iran, 8-10 Nov.</b>	<b>2005</b>
<b>M.A. Lotfollahi-Yaghin, H. Barglameh The Comparison of Torsion Capacity in Reinforced Concrete Beams with Spiral and Closed Links Using FEM</b>	<b>2<sup>nd</sup> National Congress on Civil Engineering, (2NCCE), Iran University of Science &amp; Technology, Tehran, Iran, 10-12 May</b>	<b>2005</b>
<b>M.A. Lotfollahi Yaghin, A. Mojtahedi, Current Modeling Around Vertical Pile Using Fluent Package and Comparison with Experimental Results</b>	<b>2<sup>nd</sup> National Congress on Civil Engineering, (2NCCE), Iran University of Science &amp; Technology, Thehran, Iran, 10-12 May</b>	<b>2005</b>
<b>M.A. Lotfollahi Yaghin, L. Jafarpour Economical Comparison of ABA and ACI Code of Practice from Bending Point of View</b>	<b>Civil Architecture Urban Planning Conference of Kerman 16-18 April</b>	<b>2005</b>
<b>M.A. Lotfollahi Yaghin, A. Hatami, Behavior Study of Retrofitting RC Frames with Steel Concentric Bracing</b>	<b>2<sup>nd</sup> International Conference on Concrete and Development, Tehran, Iran, April 30-May 2</b>	<b>2005</b>
<b>M. Montazeri, M. Naghipour, M.A. Lotfollahi Yaghin, Evaloation of API Code on Estimation Hydrodynamical Forces of Oil Platforms and Specific Study on A Platform in</b>	<b>6<sup>th</sup> International Conference on Coasts, Ports and Marine Structures, Tehran, Iran.</b>	<b>2004</b>

<b>M.A. Lotfollahi Yaghin, A. Mojtahedi, Experimental Investigation of Current Effect on Waves and Structural Responses by Spectral Analysis Method</b>	<b>6<sup>th</sup> International Conference on Coasts, Ports and Marine Structures, Tehran, Iran.</b>	<b>2004</b>
<b>H. Saeed Monir, M.A. Lotfollahi Yaghin, M.M. Eslamizadeh The Behavior Study of Rotating Frictional Energy Absorber on Reduction of Vibration on Offshore Structures Under</b>	<b>6<sup>th</sup> International Conference on Coasts, Ports and Marine Structures, Tehran, Iran.</b>	<b>2004</b>
<b>M.A. Lotfollahi-Yaghin, B. Sanaaty, Using Neural Networks in Determining Random Wave-Induced Hydrodynamic Inline Force on a Cylindrical Pile</b>	<b>The 14<sup>th</sup> International Offshore and Polar Engineering Conference, Toulon, (ISOPE-2004), France, May 23-28,</b>	<b>2004</b>
<b>M. Naghipour, E. Goreyshi M.A. Lotfollahi Yaghin, The Effect of Partical Roughness on Determining Hydrodynamical Forces on Pile and Comparing With Rough and</b>	<b>1<sup>st</sup> National Congress on Civil Engineering, (1NCCE), Sharif University of Technology, Tehran, Iran, 12-14 May</b>	<b>2004</b>
<b>M.A. Lotfollahi Yaghin, H.R. Golgoun Using Finite Element In Investigation of Opening Influence On Reinforced Concrete Slabs</b>	<b>1<sup>st</sup> National Congress on Civil Engineering, (1NCCE), Sharif University of Technology, Tehran, Iran, 12-14 May</b>	<b>2004</b>
<b>M.A. Lotfollahi Yaghin, R. Nagili The Study and Optimization of Concrete Cover in Beams and Connections of Reinforced Concrete Elements</b>	<b>1<sup>st</sup> National Congress on Civil Engineering, (1NCCE), Sharif University of Technology, Tehran, Iran, 12-14 May</b>	<b>2004</b>
<b>M.A. Lotfollahi Yaghin, S.I. Javadain Quantitative Assessment of Vulnerability of Reinforced Concrete Buildings in Urmia</b>	<b>1<sup>st</sup> National Congress on Civil Engineering, (1NCCE), Sharif University of Technology, Tehran, Iran, 12-14 May</b>	<b>2004</b>
<b>M.A. Lotfollahi-Yaghin, B. Sanaaty, K. Farzad Estimating of Inline and Lateral Forces on a Vertical Rough Cylindrical Pile by Random Waves and Current</b>	<b>The 4th Iranian Hydraulic Conference, School of Engineering, Shiraz University, Shiraz,Iran 21-23 October</b>	<b>2003</b>

<b>M.A. Lotfollahi-Yaghin, B. Sanaaty, Neural Network as a New Method in Determining Inline Force Acting on a Vertical Rough Cylindrical Pile by Random Waves</b>	<b>Sixth International Conference on Coastal and Port Engineering in Developing Countries, (COPEDEC), Colombo, Sri Lanka</b>	<b>2003</b>
<b>M.A. Lotfollahi Yaghin, R. Shahinpar The Study of Dynamic Behavior of Damaged Structural Element With FEM</b>	<b>6<sup>th</sup> International Congress on Civil Engineering, Esfahan University of Technology, Esfahan Iran. 29 April-1 May</b>	<b>2003</b>
<b>M.A. Lotfollahi Yaghin, The Study of Variation of Various Dynamic Modes of Castellated Beams in Comparison With Normal Profiles in Cantilever Beams</b>	<b>1st Iranian Thin-walled Structures Conference, Engineering Faculty, Urmia University, Iran, 26 and 27 of Feb.</b>	<b>2003</b>
<b>M.A. Lotfollahi Yaghin, Determining the Dynamic Properties of Castellated Beams Using the White-Noise</b>	<b>1st Iranian Thin-walled Structures Conference, Engineering Faculty, Urmia University, Iran, 26 and 27 of Feb.</b>	<b>2003</b>
<b>M.A. Lotfollahi Yaghin, M. Rastgar Study of Dynamic Behavior of Floating Structures Using FEM</b>	<b>5<sup>th</sup> International Conference on Coasts, Ports and Marine Structures, Ramsar, Iran. 14-17 October</b>	<b>2002</b>
<b>M.A. Lotfollahi Yaghin, J. Karimi Study of Reinforced Concrete Frame Behavior Due to Earthquake Using FEM</b>	<b>1st Conference on Strengthening &amp; Retrofitting of Structures, Amirkabir University of Technology, Iran</b>	<b>2002</b>
<b>M.A. Lotfollahi Yaghin, S. Marofi The Effect of Using Admixtures in Reduction the Corrosion of Reinforced Concrete in the Water of Urmia Lake</b>	<b>1st Urmia Lake Conference, Engineering Faculty, Urmia University, Iran, 5-6 Sept.,</b>	<b>2001</b>
<b>M.A. Lotfollahi Yaghin, Joint Probability of Random Sea Wave Height and Period on A Tanker Shape Mooring Structure at the Condition of Slamming Occurrence</b>	<b>3<sup>rd</sup> Workshop on Offshore Structures, Sharif University of Technology, Tehran, Iran,</b>	<b>1997</b>



### Awards, Honorary Degrees, Medals and Positions:

Title of Award, Medal, Position	Issuing Authority	Country	Year
<u><i>The best Researcher of all Engineering Faculties</i></u>	<u><i>The Chancellor of University of Tabriz</i></u>	<u><i>Iran</i></u>	<u><i>2012</i></u>
<u><i>The best Researcher of Civil Engineering Faculty</i></u>	<u><i>The Chancellor of University of Tabriz</i></u>	<u><i>Iran</i></u>	<u><i>2012</i></u>
<u><i>The best Researcher of Civil Engineering Faculty</i></u>	<u><i>The Chancellor of University of Tabriz</i></u>	<u><i>Iran</i></u>	<u><i>2010</i></u>
<u><i>The best Researcher of Civil Engineering Faculty (Second Top Researcher)</i></u>	<u><i>The Chancellor of University of Tabriz</i></u>	<u><i>Iran</i></u>	<u><i>2008</i></u>

### Membership to Scientific Associations:

Name of Institution/Association	Position Held	Country	Year

### Language Proficiency:

Language	Degree of Proficiency											
	Writing				Reading				Speaking			
	Native	Good	Fair	Poor	Native	Good	Fair	Poor	Native	Good	Fair	Poor
<b>English</b>	*				*					*		
<b>Farsi</b>	*				*				*			
<b>Turkish</b>		*				*			*			