

Mostafa Ramezani



Birth 28 July 1990



Contact information

Email: Ramezani.M@ut.ac.ir; Ramezani@POGC.ir; Mostafa.Ramezani@gmail.com;

Mobile: +98 918 860 3196

Skype: Mostafa.Ramezani (+98 918 860 3196)

Office telephone: +98-21-83764904

Web: <http://www.MostafaRamezani.com/>

Twitter: @M_Ramezani

Postal address: Postal code 3813863181, Masoudi ally, Poshtareh Street, Rajaei Street, Malek Street, Arak City, MARKAZI Province, Iran.

Scientific and educational records

Education:

Degree	Discipline	Focus	Institute	GPA	Start	End	Thesis
M.Sc.	Environmental & Water Resources Engineering	Numerical modeling	University of Tehran 1 st ranked in Iran	18.32 out of 20.00	Sep. 2014	Sep. 2016	Yes**
B.Eng.	Civil engineering	Computational modelling	University of Arak	14.61 out of 20.00	Sep. 2009	Jun. 2013	Yes*
** Development One-Dimensional Numerical Model to Simulate Water Quality and Analysis of Different LDCs Effects on Results.							
* Simulation of consumed Energy by HVAC systems in a building located in Tehran and comparative study on impacts of orientation and windows sizes on energy consumption.							
TOEFL iBT Aug 2016	Overall 92 out of 120 Reading 26 Listening 24 Writing 22 Speaking 20						
TOEFL iBT Feb 2019	Overall 98 out of 120 Reading 27 Listening 27 Writing 22 Speaking 22						

Publications, thesis and conferences

1. 2015-2016 Watershed Aqua Transportation Utility Model (WATUM available @ <https://riverchain.github.io/watum/>) I have developed a 1D simple water quality model, that employs spreadsheet as UI and MATLAB as computational engine during my M.Sc. thesis.
 2. 2016: One-dimensional Transport Simulation of Pollutants in Natural Streams ([https://www.caves.res.in/journal/articles/Amb_Sci_03\(2\)_Ta04.pdf](https://www.caves.res.in/journal/articles/Amb_Sci_03(2)_Ta04.pdf))
 3. Numerical modeling-based comparison of longitudinal dispersion coefficient formulas for solute transport in natural rivers. *Hydrological Sciences Journal HSI*-2018-0187 (Accepted for publication, contact sara@iahs.co.uk for more information)
 4. **Ongoing Research:** Numerical models uncertainty evaluation regarding longitudinal dispersion coefficient. (This paper is not submitted yet and is co-authored with Dr. Noori noon@ut.ac.ir)
 5. Farsi Paper and Thesis: 2012 Development of a numerical model to simulate energy consumption rate in municipal buildings (Thesis of Bachelor of Engineering and written in Farsi language. supervised with Professor Mehdi Soleymani.
Visit this webpage for more information: <http://mehdi-soleymani.ir/index.php/my-students/>
and Email: m-soleymani@araku.ac.ir , msoleymani@gmail.com).
 6. Genetic algorithm to predict the longitudinal dispersion coefficient in natural rivers. Ghiasi, B., Sarang, A., Shaikhian, H., Ramezani, M. and Noori, R. Toronto, Canada. Proceedings of The IRES 22nd International Conference, Toronto, Canada, 1st January 2016, ISBN: 978-93-85832-86-4).
 7. Farsi Paper: Simulation of Energy Consumption by HVAC systems in a building located in Tehran and comparative study on impacts of orientation and windows sizes on energy consumption. (January 2015, ETEC 4th international conference, Iran.)
 8. Farsi Paper: Determine the Relationship between TDS and EC Parameters and Factors Affecting this Relationship. (Case Study: Karkheh and Qarachay River) (May 2015, 10th international civil engineering congress, Iran.)
 9. Farsi paper: Evaluation of different methods and parameters affecting the choice of incineration with energy production approach. (May 2015, first Environment science, engineering and technologies conference, Iran.)
 10. Cooperation in organization and active participation in the second international conference and exhibition on solar energy (ICESE-2015), University of Tehran, Iran. (30 – 31 August 2015, by A. Alkan and A. R. Noorpoor.)
-

11. Cooperation in organization and active participation in the seventh national conference and exhibition on Environment Engineering, University of Tehran, Iran. (6 – 10 December 2014 by Environment Faculty)
-

Career records

- 2017 – to present date: Working as Environmental Engineer, Sustainable Development lecturer and Green Climate Fund expert @ Pars Oil Gas Company (contact Mr. Sharifat for more information Sharifat@pogc.ir)
- Part-time: Programmer and Oracle Database admin. (Hobby and part-time occupation)
- Former ArcGIS expert and Oracle Admin @ MainaMax Company Tehran Iranian national railways headquarter. (contact professor Irani for more information irani@kntu.ac.ir) (2016 August – 2017 April)
- 2010 – 2012: Civil engineering and open channel structural design expert @ Daneshvar private firm. (Phone no: +9891-231-76045 AND +9891-231-76045 AND daneshvar_kh@arpc-ir.net)

Professional skills

Drinking Water Technologies + Build With Environment Design + Water Resources Management + KYOTO Convention, Rio And Paris Agreement Specialist + Sustainable Energy Studies + Scientific Writing + Reservoir And Lakes Water Quality Planning + Hydrology + Water Cycle + Water Biologic Parameters + Methodology Of Finding Scientific Resources Online + Water Treatment + Numerical Analysis + Water Sys Optimization + Uncertainty + Point, Nonpoint And Distributed Pollution Sources Simulation + Nitrifications + Stratification + Longitudinal Dispersion Coefficient + System Dynamics + Feasibility Study.

Future studies

1. Development of a comprehensive solution for water resources management using Artificial Intelligence and Distributed Ledger Technologies (Blockchain.)
Visit: <https://github.com/Riverchain>
2. Numerical modeling of Climate Change.
3. Developing a model to predict water quality market using system dynamic and game theory concepts.

Computer Skills

1. Wide and comprehensive list of general engineering, Civil and Water engineering tools: fluent, ArcGIS, SPSS, MikeZero, SWAT, Q2K, HecHMS, HecRAS, AutoCAD, Office, MS Project, R, ETABS, SAFE, SAP2000, Global mapper, endnote, vensim, WASP, Draw.io, GIS tools... .
2. Programming @ Java, Kotlin, Python, MATLAB, EXCEL, GO.
3. General: ADOBE collection, WordPress, Draw.io....

Certificates

Andishmand Translation Services Bureau (A.T.B.) E. D.: 2008

An Authorized Center for Foreign Texts & Documents Translation (License No.: 01) 0134346225

Address: No.3813816169, Imam St., Arak, Markazi Province, Iran

Tel.: +98 (86) 32223097

Fax: +98 (86) 32211675

E-mail: atb.arak@gmail.com

Code: **R/700**

Serial No.: **9479032**



Translation from Persian

EMBLEM
ISLAMIC REPUBLIC OF IRAN
MINISTRY OF SCIENCES, RESEARCH AND TECHNOLOGY
UNIVERSITY OF TEHRAN
ENVIRONMENTAL FACULTY

Diploma for Completion of Studies

Master's Degree (M.Sc.)

File: 376051/84

Date: 27.02.2017

Photo of the Holder Affixed & Sealed

This is to certify that:

Mr. Mostafa Ramezani,

son of Gholamabbas, holder of ID Card No.520243226, bearing National No.0520243226, issued in Arak, born in 1990, has successfully completed on the 21st Day of September, 2016, the **Master's Course of Studies (M.Sc.)** at Environmental Faculty, University of Tehran, with a **G. P. A. of 18.32 (out of 20.00)**, in the field of "**Environmental Engineering (Major: Water Resources)**". Since, this **Master's Degree (M.Sc.)** is conferred upon him to benefit from its privileges.

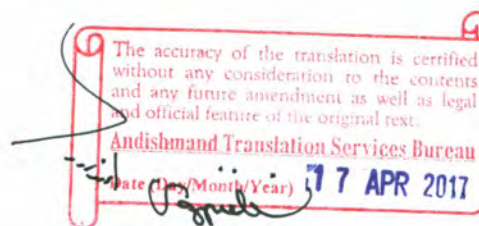
Jafari H.,

Educational & Graduates Deputy,

Environmental Faculty, University of Tehran, signed & sealed.

True Translation from Persian Is Certified in Every Respect.

Arak, Markazi Province, I. R. of Iran / April 17, 2017



Islamic Republic of Iran
Ministry of Science, Research and Technology
Arak University

DEGREE OF BACHELOR OF SCIENCE

(Evening Program)

No.: 96/16195

Date: 07.03.2018

Photo of the holder affixed and sealed.

According to the resolution made by Higher Education Expansion Council in Dec. 1996,
whereas

Mostafa Ramezani

Son of Gholamabbas, Birth Certificate No. 0520243226 issued in Arak, born in 1990,
successfully completed the curriculum of Faculty of Engineering on 06.07.2013. This certificate
of **Bachelor of Science in Civil Engineering - Civil** is awarded to him.

No.: 40473

محمد رضایی - کارشناس
LEGALIZATION OFFICER

Dr. Mohammad Salman Nejad
Vice-chancellor for Admission and Graduate Studies: Signed and sealed.

Dr. Saeid Hamidi
President of Arak University: Signed and sealed.

Seal and signature of university officials are attested.
For Jamasseb Nowzari, Director General of Internal Students Affairs
Khadijeh Robat Jazi, Director of Educational Services Office: Signed.
Embossed seal of Ministry of Science, Research and Technology
No.: 132 Date: 27.08.2018



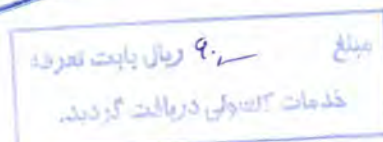
09 SEP 2018 1010244

Hologram affixed
Stamp duty: Rls 10,000

True translation certified



F. 11456-4



ISLAMIC REPUBLIC OF IRAN

MINISTRY OF EDUCATION

CERTIFICATE OF PASSED

No. : 505

Date : Sep. 5, 2018

Photo of the holder affixed and sealed.

According to Educational Bylaw of High School 3-year Course, whereas

Mr. MOSTAFA RAMEZANI

son of Gholamabbas, holder of National Cod: 0520243226 and ID Card No. 0520243226 issued in Arak-3, born in 1990 in Tehran, Student ID #: 140153198, a student of Mohammad Reza Kazemi High School (16124405) at Dist. 1 in Arak, province of Markazi, passed 102 course credits in the field of Mathematics & Physics by 21.06.2007, scoring a cumulative GPA of 17.70 for written exams and a cumulative GPA of 18.93 for her conduct.

Mostafa Salehi, I/C Examinations and Clerical Affairs: Signed.

Mostafa Salehi, I/C Computer Records: Signed.

Ali Nemati, Principal, Mohammad Reza Kazemi High School: Signed and sealed.

Assemble Export, Arak Dist. 1, Educational Dept.: Signed and sealed.

Seyed Rahim Mohamadi, Director, Arak Dist. 1, Educational Dept.: Signed and sealed.

Fooladvand, Director, Markazi Province, Educational Dept.: Signed and sealed

True translation certified.

Sept. 09, 2018

diploma.mov



12 SEP 2018 - 5 00 39 1

THIS IS A PDF DOWNLOADED AND PRINTED BY THE TEST TAKER, INTENDED FOR THE TEST TAKER'S PERSONAL RECORDS.

Name: Ramezani, Mostafa

Last (Family/Surname) Name, First (Given) Name Middle Name

Email: mostafa.ramezani@gmail.com

Gender: M

Registration Number: 0000 0000 2805 5518

Date of Birth: 28 Jul 1990

Test Date: 26 Aug 2016

Sponsor Code:

Ramezani, Mostafa
Unit 2, Saeedi alley, Malek Street, Arak city, Iran
Arak, Markazi 3813863181
Iran (Islamic Republic Of)



TOEFL iBT Scaled Scores

Reading	26
Listening	24
Speaking	20
Writing	22
Total Score	92

Country of Birth: Iran (Islamic Republic Of)

Inst. Code | Dept. Code

Native Language: FARSI

Test Center: STN12390A - Amirbahador Educational Complex

Test Center Country: Iran (Islamic Republic Of)

Security Identification

ID Type: National ID

ID No.: xxxxxxxxxxxxxxxxxxxxxx3226

Issuing Country: Iran

76

THIS IS A PDF SCORE REPORT, DOWNLOADED AND PRINTED BY THE TEST TAKER.

Name: Ramezani, Mostafa

Last (Family/Surname) Name, First (Given) Name Middle Name

Email: ramezani.m@alumni.ut.ac.ir

Gender: M

Registration Number: 0000 0000 3519 8075

Date of Birth: 28 Jul 1990

Test Date: 02 Feb 2019

Sponsor Code:

Ramezani, Mostafa
Malek Street, Masoudi Alley, Arak, Iran
Arak, Markazi 3813863181
Iran (Islamic Republic Of)



TOEFL iBT Scaled Scores

Reading	27
Listening	27
Speaking	22
Writing	22
Total Score	98

Country of Birth: Iran (Islamic Republic Of)

Inst. Code | Dept. Code

Native Language: FARSI

0956

65

Test Center: STN12390C - Amirbahador Educational Complex

6871

65

Test Center Country: Iran (Islamic Republic Of)

9481

65

Security Identification

ID Type: Passport

ID No.: xxxxxxxxxxxxxxxxxxxxxx9353

Issuing Country: Iran

94



Certificate of Appreciation



This certificate is awarded to


Mostafa Ramezani

for cooperation in organization and active participation in the

*2nd International Conference and Exhibition on Solar Energy
(ICESE - 2015)
University of Tebran, Iran, 30 - 31 August 2015*


Dr. Ahmet Alkan

Professor
Conference Honory Co-Chair
Selçuk University
Turkey


Dr. Alireza Noorpoor
Associate Professor
Conference Secretary
University of Tehran
Iran



INSTITUTE OF RESEARCH ENGINEERS AND SCIENTISTS

International Conference on
Engineering and Natural Science

Certificate

This is to certify that *Mostafa Ramezani* has Orally presented a paper entitled
“*Genetic Algorithm to Predict The Longitudinal Dispersion Coefficient in
Natural Rivers*” at the International Conference on Engineering and Natural
Science (ICENS) held in Toronto, Canada on 1st January, 2016.

IRES-ICENSCANA-01016-1698

Paper ID

Chairman

INSTITUTE OF RESEARCH ENGINEERS AND SCIENTISTS



Training Certificate

We herewith confirm that

Mostafa Ramezani

Has participated in the Training Course entitled:

***Documentation & Requirements
according to***

ISO 9001:2015, HSE-MS, OHSAS 18001:2007, ISO 14001:2015

**Certificate NO.:
ICSIR/13131**

**Date of Course:
November 10 till 20 ,2016 -80 Hours**

**which took place in
Tehran-Iran**

Signed by ICS Group

A handwritten signature in black ink, appearing to be "Ar V M", written over the printed text "Signed by ICS Group".

Certificate of Participation

This is to certify that **Ms. / Mr. Mostafa Ramezani**
has participated in the scientific seminar under the title

“Tourism in Ashuradeh: Do`s & Don`ts” on **05/12/2015** at Faculty of
Environment- University of Tehran.

Alireza Valikhani Samani

Secretary of ZISTA

(Interdisciplinary Student Association of Faculty of Environment)

Emblem of Tehran University



Faculty of Entrepreneurship
University of Tehran

CERTIFICATION

Certificate No.:

Date of Issue:

This is to certify that:

Mr. Mostafa Ramezani born in **1990** has successfully fulfilled the requirements of a training course on **Team Work** for **16** hours from **10.17.2008** to **10.24.2008**.

Dr. S. Mostafa Razavi
Dean, Faculty of Entrepreneurship



وزارت علوم، تحقیقات و فناوری
پژوهشگاه علوم و فناوری اطلاعات ایران
IranDoc

Certificate

No: 33/25630

Date: March 4, 2014

It is hereby certified that
Mr Mostafa Ramezani
holding National ID No.0520243226,
has Undertaken the Course:

How to Write and Publish Articles in International Journals

For one day (9 hours) in March 4, 2014 at Iranian
Research Institute for Information Science and
Technology and Successfully Passed it with the Score of
100 (/100).

Sima Shareghi
Head of Educational Management
Iranian Research Institute for Information
Science and Technology





KAO



CERTIFICATE No: KAO/2014/VT/898-3

KAR AZMOON OFOGH ENGINEERING CO. CENTER OF INTERNATIONAL NDT TRAINING

KAR AZMOON OFOGH CO

This is certified that: *Mr. Mostafa Ramezani*

From: *Kar Azmoon Ofogh Co.*

Has been examined in



VISUAL & OPTICAL TESTING (VT LEVEL II)

And Meets the Requirement of LEVEL II Certification In Accordance With the Employer's Written Practice
Which Is Prepared According To

SNT-TC-1A OF THE AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING

EXAMINATION RESULT

GENERAL : 88%
SPECIFIC : 90%
PRACTICAL : 96%
COMPOSITE GRADE : 91.33%

SPECIFIC :
ACCORDING TO : WELD ON PIPE & PLATE
DATE OF ISSUE : ASME Sec . V & VIII - AWS D1.1
03.Jun.2014
EXPIRE DATE : 03.Jun.2017

Ahmad Hajji zadeh
Manager Of Training

ASNT Membership - File No: 174335



Ehsan Gholami Mejad
ASNT Level (III) File No:204425



VISION TEST:

Near Acuity J1 - Without Glass
Color Contrast: Normal

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Mobile: 09185794414 - 09183638311 - 09186408400

Recommendation Letters:

Date: 2018, Oct, 24
Letter NO: 361030
Attachment: NA



POGC

COMPREHENSIVE SUSTAINABLE DEVELOPMENT PROGRAM

To whom who may concern,

Subject: Mr. Mostafa Ramezani Recommendation Letter

I am the executive manager of Flare Gas Recovery Utilization – South Pars Refinery Phase 2&3 project and it is my pleasure to provide this letter of recommendation for Mr. Mostafa Ramezani regarding his qualification. Mr. Ramezani has been working as our Environmental engineer since October 2017. As Mr. Ramezani's sole direct manager at POGC, I've worked closely with him over the past year, sharing the same open office space for the majority of the time. Our mission is to map the oil and gas industry toward a more environmental friendly situation. Mr. Ramezani is one of the best matches to our professional needs considering his M.Sc. Degree on Environmental and Water Resources Engineering. He passed two interviews and one test to be recognized as a qualified person to work here @ POGC among my colleagues. In our country, military service is compulsory. However, Iran government allows top-ranked students from top universities to work in industrial sectors instead of doing their military job. Mr. Ramezani entered our project via this criterion. Almost all human resources who are serving in NIOC (POGC is a subset of NIOC) are from Top ranked Universities like Sharif, Amirkabir and University of Tehran.

We (Mr. Ramezani and I) have never met until 2017 Oct. At the beginning of his entrance to our office he asked me if he can contribute to Environmental Impact Assessment (EIA) phase of the project. That time we were busy with more fundamental items. I promised him he will play his role when EIA starts. Considering Mr. Ramezani expertise in communicating with the English language, a huge sector of English document management and correspondence with our foreign contractor is his duty in our department.

I think Mr. Ramezani personality requires a not-routine ordinary storyline. He demands challenges to satisfy his ambitious mind and to feel he is valuable for the system. He always manifests his insatiable appetite for learning new thing. Due to his eagerness for going back to academic environments (where I truly believe he belongs to), Mr. Ramezani is seeking employment at your

E-MAIL: SHARIFAT@POGC.IR

PHONE: (021)-83764912 | (021)-88984856 |

Address: TAGTOB Office, Refineries Road, Aboshahr Str, Asalouyeh City, Bushehr Province, Iran

Date: 2018, Oct, 24
Letter NO: 361030
Attachment: N/A



POGC

COMPREHENSIVE SUSTAINABLE DEVELOPMENT PROGRAM

university. All of us at FGRU project will be sad to see such a valuable person go, but our loss is truly your gain.

If the system gives him the chance, he proves their decision (to trust him and to outsource jobs to him) is true. Hence, I think devoting his time/capacity in University or in scientific challenging projects would be his truest way. Mr. Ramezani poses a problem-solving mind. He is one of the most creative people I have ever met. Whenever I give him a job to do, He automatically articulates it. He divides all tasks to smaller steps. Then gives me a step by step report of his progress. Before taking any step further, Mostafa consults others. He consults anybody: experts whom he finds on the internet, online forums, or more experienced engineers at our company. I observed Mr. Ramezani's social behavior for the last past couple of months. Mr. Ramezani showed excellent communication skills and consistently exceeded performance. He gets along with different people/cultures very well. Put him under tough conditions and see him driving opportunities out of threats. On a personal level, he's charismatic and well-spoken, both qualities that have served him well in his role when he was dealing with workers and inspecting the progress of the job in the site. Mr. Ramezani has a creative way of thinking. He always suggests the shortest approaches and lowest cost solutions. He might be good at dealing with people but he is excellent in getting along with computers! His knowledge in computer science is admirable. During his service in our project, he handled our IT needs accordingly.

Although he is the youngest engineer among our crew, he is one of our best human resources. He always shows up in the mornings and asks if there is any job he can take care off. When a task is assigned to him, he puts as much time as required to get the job done. He does not care about office time and will devote as much time as possible to deliver our wants on time.

In summary, Mr. Mostafa Ramezani is a diligent employee, a wise consultant, a nice man, and a reliable friend. I am convinced you will find him a precious asset to your entity. Once again, I highly recommend him for your Ph.D. vacancy (Doctor of Philosophy in Environmental Science).

Sincerely Yours,

Ramezan Sharifat

Executive Manager @ FGRU SP 2&3

E-MAIL: SHARIFAT@POGC.IR

PHONE: (021)-83764912 | (021)-88984856 | (077)-31374035 4039

Address: TAGTOB Office, Refineries Road, Aboshahr Str, Asalouyeh City, Bushehr Province, Iran

Selected courses:

Master of Science from University of Tehran			
Semester/Term	Course title	Credits	Grade
Fall 2014	Fundamental of Air Pollution	2	17/20
Fall 2014	Fundamentals of Solid Waste	2	19.75/20
Fall 2014	Hydrology of Groundwater	2	17.75/20
Fall 2014	River Engineering	2	17.5/20
Fall 2014	Surface water Hydrodynamics	2	16.8/20
Fall 2014	Water Quality Trading	2	19.75/20
Fall 2014	Water resources Quality Management	2	18/20
Winter 2015	Application of System Dynamics in Water Resources Management	2	19/20
Winter 2015	Energy and Environment	2	18/20
Winter 2015	Hydro-Information-Technologies	2	18.5/20
Winter 2015	Methods for Determining Pollution Load in Aquatic Environment	2	19/20
Winter 2015	Research Methodology Environmental	2	17.5/20
Winter 2015	Statistics for Environmental Engineers	2	18.5/20
Winter 2015	Surface and groundwater Pollution	2	18.5/20
Winter 2015	Surface Water Quality Modeling	2	17.3/20
Fall 2015	Methods for Determining Pollution Load in Aquatic Environment	2	19/20
Winter 2016	Thesis	6	18.75/20
Bachelor of Engineering from Arak University			
Semester/Term	Course title	Credits	Grade
Winter 2008	Water Chemistry and Microbiology	3	15.5/20
Winter 2008	Environmental Engineering	2	16.25/20
Winter 2009	Civil Engineering's Specialized Project (Numerical Modeling)	3	20/20
Winter 2009	Computer Programming (C++ , Java)	3	18.9/20
Winter 2009	Fluid Mechanics	3	13.25/20
Fall 2009	Mathematics II	3	20-Sep
Fall 2009	Principles of Architecture and Urban Planning	2	17.5/20
Winter 2010	Numerical Computations, Common	2	20-Dec
Fall 2010	Differential Equation, Common	3	20-Oct
Fall 2010	Hydraulics and Lab.	3	20-Oct
Winter 2011	Finite Elements	2	20-Dec
Winter 2011	Mathematics I, Common	3	15.25/20
Winter 2011	Water and Wastewater Treatment	3	20/20
Winter 2012	Engineering Hydrology	2	16/20

Winter 2012	Statistics and Probabilities for Civil Engineering	2	15.25/20
Fall 2012	General English Language	3	18/20
Fall 2012	Water and Wastewater Engineering and Project	3	17.5/20
Winter 2013	Hydrology of Groundwater	2	16/20