

In the Name of Allah—the Most Compassionate, Most Merciful

Curriculum Vitae



PERSONAL INFORMATION

First Name: Seyyed Ali

Last Name: Mousavi

Date of Birth: 1986

Phone: +98 912 023 3218

Marital Status: Married with two children

Email: Mousaviali@kashanu.ac.ir & Mosaviali5@gmail.com

EDUCATION:

Degree	Year of Graduation	Field of Study	Institution	GPA (out of 20)
--------	--------------------	----------------	-------------	-----------------

-----	-----	-----	-----	-----
-------	-------	-------	-------	-------

High School Diploma	2004	Experimental Sciences	Imam Khomeini High School, Khour	
---------------------	------	-----------------------	----------------------------------	--

Bachelor's Degree	2005	Natural Resources Engineering (Rangeland and Watershed Management)	Shahid Chamran University of Ahvaz	
-------------------	------	--	------------------------------------	--

Master's Degree	2009	Natural Resources Engineering - Combating Desertification	University of Zabol	
-----------------	------	---	---------------------	--

Ph.D.	2017	Natural Resources Engineering - Combating Desertification	University of Kashan	
-------	------	---	----------------------	--

BACHELOR'S DEGREE DETAILS:

Project Title	Feasibility Study of Posht-Taveh Watershed, Kohgiluyeh and Boyer-Ahmad Province - Soil Science and Land Evaluation Section
---------------	--

-----|
| Internship | Intern at the Forests and Rangelands Organization, Natural Resources Department of Khor and Biabanak County, Isfahan University of Technology |

| Supervisor | Dr. Hamid Reza Karimzadeh, Isfahan University of Technology |

| Details | Two semesters as a visiting student at Isfahan University of Technology (Semesters 5 and 6 of Bachelor's program) |

MASTER'S DEGREE DETAILS:

| Thesis Title | Assessment of Vegetation Cover Change Trends Using Remote Sensing Data in Hamoon Wetland Area |

-----|
| Supervisors | Dr. Alireza Shahriari (University of Zabol), Dr. Akbar Fakhireh (University of Zabol) |

| Advisors | Dr. Vahid Rahdari (University of Zabol), Dr. Soheila Nouri (University of Zabol) |

| Thesis Evaluation | Defense with Distinction - Grade: 19.70/20 |

| Master's Seminar | "Application of Remote Sensing in Identifying Appropriate Vegetation Indices and Determining Vegetation Cover Change Trends" - Supervisor: Dr. Akbar Fakhireh |

Ph.D. DETAILS:

| Dissertation Title | Modeling Soil Erodibility in Arid Regions Using Terrestrial-Spatial Data (Case Study: Khor and Biabanak Region) |

-----|
| Supervisor | Dr. Abolfazl Ranjbar Fordoii (Professor, University of Kashan) |

| Advisors | Dr. Seyed Hojat Mousavi (Associate Professor, University of Kashan), Dr. Seyed Javad Sadatinejad (Associate Professor, University of Tehran) |

Short-term Internal Research Opportunity:

International Desert Research Center, University of Tehran - Supervisor: Dr. Hamid Reza Naseri (Assistant Professor, University of Tehran) |

| Dissertation Evaluation | Defense with Distinction - Grade: 19.50/20 |

NATIONAL ELITES' FOUNDATION DISSERTATION:

| Dissertation Title | Assessment of Desertification Intensity in Desert Areas for Land Conservation and Presentation of Implementation Strategies (Case Study: Isfahan and Qom Provinces) |

-----|

| Supervisors | Dr. Ali Tavili (Associate Professor, University of Tehran), Dr. Abbas Alipouri (Assistant Professor, Imam Hossein University) |

| Evaluation | Defense with Distinction |

HONORS & AWARDS

- Top Research Student of the Year, University of Kashan (2016)
- Top Student of the Year, University of Zabol (2011-2012)
- Distinguished Talent Student, University of Zabol for Master's Program (2009-2011)
- Top Student among Children of Education Personnel throughout Middle and High School (1998-2005)
- Ranked 36th in the National Graduate Entrance Exam (2009) in Natural Resources Engineering
- Combating Desertification
- Recipient of Military Service Exemption Alternative Plan from the National Elites Foundation as a Top Ph.D. Student (2016)

RESEARCH PROJECTS & PROFESSIONAL EXPERIENCE

1. Project Manager - Estimation of Sediment Dam Degradation and Erosion in Sardasht Watershed, Sarbaz County, Sistan and Baluchistan Province (2010)
2. Collaborator - Various study, research, and implementation projects at Sabzavaran Hirmand Consulting Engineers Company, Zahedan (2009-2011)
3. Collaborator - National Research Project: "Site Selection for Artificial Groundwater Recharge Areas Using Recycled Wastewater" - University of Tehran (2014)
4. Collaborator - Research Project: "Investigating the Effect of Combined Calcium Chloride and Magnesium Chloride Solution as a New Mulch for Stabilizing Drifting Sands and Psammophyte Plants in Masr Village" - International Desert Research Center, University of Tehran (June 2014)

5. Winner - Top Research Idea Competition for Producing a Knowledge-Based Product Effective in Reducing Dust Storms in Iran - University of Kashan Growth Center (2017)
6. HSE Manager (Health, Safety, Environment) - Saba Development and Management Company - Potash Complex, Khouzestan and Biabanak (September 2018)
7. Senior Quality Control (QC) Expert - Potash Complex, Khouzestan and Biabanak - Saba Development and Management Company (January 2020)
8. Researcher and Founder - Food Security Research Institute, Imam Hossein University (January 2019)
9. Scientific Evaluation Officer - Forage Production Projects Using Saline and Brackish Waters in Coastal and Desert Areas, Imam Hossein University (October 2018)
10. Educational Content Production Manager - Virtual Education Center of Iranian Academics - Office of the Supreme Leader's Representative in Universities (August 2020)
11. University Audience Development Manager - Virtual Education Center of Iranian Academics - Office of the Supreme Leader's Representative in Universities (January 2021)
12. Senior GIS Expert - Foundation - Properties and Assets Organization - Mostazafan Foundation of Islamic Revolution (July 2020 - Present)
13. Board Member - Fajr Isfahan Agricultural and Livestock Company (August 2022 - Present)

THESIS ADVISORY

- Advisor - Master's Thesis in Natural Resources Engineering - Combating Desertification, Student: Ebrahim Taheri Nasab, Supervisor: Dr. Abbasali Vali, University of Kashan (2014)

MEMBERSHIPS

1. Member - Scientific Association of Arid and Desert Regions Management of Iran (2013 - Present)
2. Member - Scientific Association of Biodiversity of Iran (2013 - Present)
3. Member - Agricultural and Natural Resources Engineering Organization - Code: 0409311974
4. Secretary - Scientific Association of Rangeland and Watershed Management Department, Behbahan Faculty of Natural Resources, Shahid Chamran University of Ahvaz (2006)
5. Secretary - Scientific Association of Dry and Desert Ecosystems Engineering, University of Kashan (2013-2016)

6. Member - National Elites Foundation of Iran
7. Member - Elites Foundation of North Isfahan Province (Sa'eedi Elites Foundation) (2013 - Present)
8. Member - Young Researchers and Elites Club

RESEARCH OUTPUTS

Books Authored

1. Shojaei, S., Mousavi, S.A., Pakbaz, N. (2015). Water, Soil and Plant Relationship (General). Nowruzi Publications, Gorgan. ISBN: 978-600-364-530-1. First Edition, 216 pages.
2. Asghari, A., Shojaei, S., Mousavi, S.A. (2016). Soil Conservation and Watershed Management. Nowruzi Publications, Gorgan. ISBN: 978-600-364-747-3. First Edition, 124 pages.
3. Homayounnejad, I., Shojaei, S., Mousavi, S.A., Amirian, P. (2016). Laboratory Methods for Soil and Water Analysis. Nowruzi Publications, Gorgan. ISBN: 978-600-364-910-1. First Edition, 100 pages.
4. Mousavi, S.A., Asghari, A., Shojaei, S. (2016). Remote Sensing in Nature Engineering (Volume 1). Nowruzi Publications, Gorgan. ISBN: 978-600-364-989-7. First Edition, 111 pages.
5. Asghari, A., Shojaei, S., Mousavi, S.A. (2017). Geomorphology of Arid Regions. Nowruzi Publications, Gorgan. ISBN: 978-600-449-395-6. First Edition, 125 pages.

Peer-Reviewed Journal Articles (Domestic)

1. Mousavi, S.A., Naghavi, R., Shojaei, S. (2016). Industrial use of brine and playa for potassium extraction and its exploration among several playas in Iran. Journal of New Ideas in Science and Technology, University of Kerman, Year 2(2).
2. Ranjbar Fordoii, A., Mousavi, S.A. (2015). Effect of drought stress on photosystem II efficiency and pigment content in *Nitraria schoberi* L. leaves. Journal of Plant Ecophysiology, Islamic Azad University, Arsanjan Branch, Year 7(21), pp. 87-97. (ISC Index)
3. Mousavi, S.A., Mousavi, S.H., Ranjbar Fordoii, A., Sadatinejad, S.J. (2016). Spatial distribution analysis of factors affecting soil erodibility in Khour and Biabanak region. Journal of Ecohydrology, University of Tehran, Vol. 4(2), pp. 561-571.
4. Mousavi, S.A., Ranjbar Fordoii, A., Mousavi, S.H., Sadatinejad, S.J. (2017). Modeling soil erodibility in Khour and Biabanak region. Iranian Journal of Range and Desert Research, Vol. 24(3), pp. 658-675. DOI: 10.22092/ijrdr.2017.113373. (ISC Index)

5. Mousavi, S.A., Ranjbar Fordoii, A., Mousavi, S.H., Sadatinejad, S.J. (2016). Modeling soil erodibility in Khour and Biabanak region using remote sensing indices. *Desert Ecosystem Engineering Journal*, Year 5(13), pp. 67-80. (ISC Index)
6. Mousavi, S.A., Vali, A.A., Yazdani Ardestani, N. (2025). Analysis of strategic desert management in Ardestan County. *Desert Management Journal*, Vol. 13(1), pp. 63-86. DOI: 10.22034/jdmal.2024.2040437.1479.
7. Masakh, S., Seidali, M., Mousavi, S.A. (2025). The impact of artificial intelligence on tourism development in Karbala province. *Tourism and Hospitality Marketing Research Journal*, Vol. 3(2), pp. 241-268. DOI: 10.22080/tmhr.2025.30220.1088.
8. Mousavi, S.A. (2025). Spatial assessment of desertification intensity using climate, soil, vegetation, and water criteria and presenting a management program (Case study: Isfahan province). *Journal of Ecohydrology*, Vol. 12(3), pp. 901-926. DOI: 10.22059/ije.2025.404049.1889.

ISI & ISC Journal Articles (International)

9. Mehraban, A., Rastegaripour, F., Tavassoli, A., Moussavi, S.A. (2013). Effect of economic variable in farm size inequality (Case study: rural regions of Iran). *International Journal of Agriculture and Crop Sciences*. (ISC Index)
10. Mehraban, A., Rastegaripour, F., Tavassoli, A., Moussavi, S.A. (2013). Estimation of Greenhouse Units Efficiency for Planning Sustainable Culture Pattern (The case study: Mashhad City, Iran). *International Journal of Farming and Allied Sciences (IJFAS)*. (ISC Index)
11. Mousavi, S.A., Shahriari, A., Fakhireh, A., Ranjbar Fordoii, A., Rahdari, V. (2014). Assessment of change trend of land cover with use of remote sensing data in Hamoon wetland. *Journal of Biodiversity and Environmental Sciences (JBES)*, Vol. 4(5), pp. 146-156. (ISI Index)
12. Mousavi, S.A., Ranjbar Fordoii, A. (2014). Differential accumulation of physio-biochemical parameters in nitere bush (*Nitraria schoberi* L.) plants against salinity. *Journal of Biodiversity and Environmental Sciences (JBES)*, Vol. 4(6), pp. 487-494. (ISI Index)
13. Shojaei, S., Golestani Moghaddam, A., Mousavi, S.A., Khoshnazar, N. (2016). Comparison of Some Empirical Relations in the Estimated Time of Concentration Ivar Watershed. *Stem Cell Journal*, United States, Marsland Press, Vol. 7(3), pp. 22-26. (ISI Index)
14. Alipur, H., Zargham Taheri, A., Shojaei, S., Mousavi, S.A. (2016). The Estimated Annual Runoff in the Ivar Sub Watershed. *Stem Cell Journal*, United States, Marsland Press, Vol. 7(3), pp. 71-75. (ISI Index)
15. Barabadi, H., Mousavi, S.A., Rafei Sharif Abad, J. (2017). Halophyte species of desert areas and soil physicochemical properties (case study: eastern rangelands of Sabzevar city). *Journal of Research in Ecology (JRE)*, Vol. 5(1), pp. 486-496. (ISI Index)

16. Shojaei, S., Homayoonnezhad, I., Mosavi, S.A., Amirian, P. Evaluation of Long-Term changes in Wastewater Application in Different Depth of Soil. *Global NEST Journal*. (ISI Index - Under Review)
17. Shojaei, S., Alipor, H., Hashemi Nasab, S.N., Mousavi, S.A. Climate simulation and prediction of atmospheric general circulation models of temperature and SDSM (Case Study: Rasht station, Iran). *Natural Hazard Journal*. (ISI Index - Under Review)
18. Mousavi, S.A., Zargham Taheri, A., Shojaei, S. (2017). Determine the land and capability classification of soil: A Case Study Kohgiluyeh and Boyer-Ahmad. *Journal of Biodiversity and Environmental Sciences (JBES)*, Vol. 10(6), pp. 59-66. (ISI Index)
19. Zargham Taheri, A., Mousavi, M., Alipour, H., Shojaei, S., Mousavi, S.A. (2019). The spatial assessment of suitable areas for medicinal species of *Astragalus* (*Astragalus hypsogeton* Bunge) using the Analytic Hierarchy Process (AHP) and Geographic Information System (GIS). *The Egyptian Journal of Remote Sensing and Space Sciences*, pp. 1-9. DOI: 10.1016/j.ejrs.2018.02.003. (ISI Index, JCR - Elsevier, Scopus)
20. Shojaei, S., Mosavi, S.A. Seed dormancy of *Chenopodium album*. *The Journal of Animal and Plant Sciences*. (ISI Index, JCR - Under Review)
21. Amiri, A., Mousavi, S.A. Evaluation and comparison of wind rate in live windbreak (*Haloxylon ammodendron*) and non-live windbreak (Mud Wall) in Wind Velocity changes (Case Study: Khor and Baiabanak Region). *Plant Archive*. (ISI Index - Under Review)
22. Ashouri, A., Javadi, M.R., Mousavi, S.A. Investigation and analysis of the relationship between climatic parameters and severity of air pollutants using spatial information system (Case study Tehran city). *Modeling Earth Systems and Environment*. (ISI Index, Q2 - Accepted)
23. Hosseini Kheyr Abad, A.S., Vali, A., Halabian, A., Mokhtari, M.H., Mousavi, S.A. (2024). Investigating the Impact of Climate Change on the Effective Indicators in Desertification and Predicting its Spatial Changes. *Desert*, Vol. 29(2), pp. 194-215. DOI: 10.22059/jdesert.2024.100148.
24. Naseri, H., Mousavi, S.A. (2025). Effect of CaCl_2 and MgCl_2 Solution Mulching on Sand Harvesting in Wind Erosion. *Desert*, Vol. 30(1), pp. 81-91. DOI: 10.22059/jdesert.2025.103730.
25. Saud Almasoudi, A.K., Mousavi, S.H., Mousavi, S.A. (2025). Evaluation of Tourism Development Strategies with Emphasis on Religious Tourism in Karbala City. *International Journal of Tourism, Culture & Spirituality*, Vol. 8(2), pp. 43-64. DOI: 10.22133/ijtcs.2025.527262.1217.

Domestic Conference Papers

26. Effect of priming on germination components and early growth of *Lepidium sativum* seedlings under salinity stress. 2nd Scientific Research Conference on Leap, 4th National Movement Festival, University of Zabol (May 2011).
27. Investigation of salinity stress and different priming levels on germination of *Plantago ovata*. 2nd Scientific Research Conference on Leap, 4th National Movement Festival, University of Zabol (May 2011).
28. Effect of different levels of animal manure, conventional compost, vermicompost, and granular fertilizers on early growth and physiological parameters of medicinal *Althaea officinalis*. 2nd Scientific Research Conference on Leap, 4th National Movement Festival, University of Zabol (May 2011).
29. Water quality and health risks of rainwater harvesting systems. 5th National Conference on Watershed Management and Water and Soil Resources Management, Kerman (2011).
30. Environmental policies for achieving sustainable development in natural resources. 1st National Conference on Sustainable Development in Arid and Semi-Arid Regions, Islamic Azad University, Abarkouh Branch (May 2012).
31. Evaluation of multispectral satellite data capability in preparing ecological resource maps (Case study: Hamoon Wildlife Refuge). 1st Conference on Wetland Management and Engineering, Department of Environment (2012).
32. Gully erosion and methods of prevention in watershed management operations. Research Week Seminar - Best Paper Award, Behbahan Faculty of Natural Resources (May 2006).
33. Monitoring and zoning of climatic droughts using IDW interpolation method and GIS (Case study: Kermanshah province). 9th National Conference on Watershed Science and Engineering, Yazd University (November 2013).
34. Systems approach necessary for proper management of natural resources. 1st National Conference on Natural Resources Management, Gonbad Kavous University (March 2014).
35. Rainwater harvesting techniques as a method for enhancing vegetation cover and combating desertification. 1st National Conference on Water Consumption Optimization, Gorgan University of Agricultural Sciences and Natural Resources (March 2014).
36. Monitoring drought and wetness intensity in Kerman city using Z, DI, and SPI indices and management strategies. 1st National Conference on Water Consumption Optimization, Gorgan University of Agricultural Sciences and Natural Resources (March 2014).
37. Food security and sustainable development of agriculture and natural resources. 2nd National Conference of Student Scientific Associations in Agriculture and Natural Resources, University of Tehran (March 2014).

38. Soil classification using the American method as baseline studies for land capability determination (Case study: Posht-Taveh watershed, Kohgiluyeh and Boyer-Ahmad). 8th National Conference on World Environment Day, University of Tehran (June 2014).
39. Evaluation of groundwater quality for drinking and agricultural use (Case study: Sadrabad watershed, Yazd province). 8th National Conference on World Environment Day, University of Tehran (June 2014).
40. Investigation of municipal wastewater reuse in agriculture (Case study: Sabzevar wastewater treatment plant). 1st Conference on Low-Water Green Spaces, University of Kashan (May 2015).
41. Mousavi, S.A. (2023). Watershed management and analysis of water security challenges in Iran. 18th National Conference on Watershed Science and Engineering (Watershed Management, Water and Soil Resources Recovery and Restoration), University of Kashan.
42. Shahrokhi, S., Ranjbar, A., Mousavi, S.A. (2024). Erosion and sedimentation of Ghaleh Nasir watershed, Lorestan province, Poldokhtar city. 6th International Conference on Agricultural Engineering Studies, Agronomy and Plant Breeding, Association of Technology Development Management and Engineering, Tehran.
43. Shahrokhi, S., Ranjbar Fordoei, A., Mousavi, S.A. (2024). Analysis of drought and its consequences. 3rd National Conference on Desert (Opportunities and Challenges), International Desert Research Center, University of Tehran.
44. Momeni Rouchi, M., Mousavi, S.A. (2024). Environmental impact assessment (EIA) of Rochi cold-water fish breeding and propagation center and its effect on preventing desertification of lands (Case study: Alamut Rud, Qazvin region). 3rd National Conference on Desert (Opportunities and Challenges), International Desert Research Center, University of Tehran.
45. Mousavi, S.A., Shamsabadi, M., Afsharinia, M. (2025). Analysis of environmental impacts of Kashan limestone mine. 1st Conference on Ecohydrology Engineering of Iran, University of Tehran.

International Conference Papers

46. Mousavi, S.A. , Taherinasab, E., Vali, A.A., Panahi, F. (2014). Assessment the ability of ESAs method for evaluating the severity of desertification in arid regions (Case study: Aboozaidabad-Kashan). 4th International Conference on Environmental Challenges and Dendrochronology, Sari University of Agricultural Sciences and Natural Resources, Sari, Iran (14-15 May 2014). Full paper.
47. Mousavi, S.A., Ranjbar Fordoii, A., Barabadi, H., Zamani, E. (2014). Zoning of the most important indices of soil quality for biological development plan, desert regions, and prevention of soil erosion (Case Study: Hamoon wetland). 4th International Conference on Environmental

Challenges and Dendrochronology, Sari University of Agricultural Sciences and Natural Resources, Sari, Iran (14-15 May 2014). Full paper.

48. Mousavi, S.A., Ranjbar Fordoii, A., Barabadi, H., Taheri Nassab, E. (2014). Relationship between Soil salinity index (effective index in desertification) with geological formations (Case Study: Poshttaveh zone, Kohgiluyeh and Boyer-Ahmad). 4th International Conference on Environmental Challenges and Dendrochronology, Sari University of Agricultural Sciences and Natural Resources, Sari, Iran (14-15 May 2014). Full paper.

49. Barabadi, H., Vali, A.A., Mousavi, S.A., Heydari Alamdarloo, E. (2014). Evaluation of current desertification status with emphasis on soil criteria using IMDPA Model (Case Study: Barabad, Sabzevar). 4th International Conference on Environmental Challenges and Dendrochronology, Sari University of Agricultural Sciences and Natural Resources, Sari, Iran (14-15 May 2014). Full paper.

50. Barabadi, H., Panahi, F., Mousavi, S.A. (2014). Soil Properties Zoning as a Fundamental Studies of the Desert lands Management Using Surfer (Case Study: Sabzevar East Pastures). 4th International Conference on Environmental Challenges and Dendrochronology, Sari University of Agricultural Sciences and Natural Resources, Sari, Iran (14-15 May 2014). Full paper.

51. Barabadi, H., Vali, A.A., Mousavi, S.A., Tolooei, S. (2014). Relationship between hydrological drought and meteorological drought (Case study: Sabzevar city Roudab Plain). 4th International Conference on Environmental Challenges and Dendrochronology, Sari University of Agricultural Sciences and Natural Resources, Sari, Iran (14-15 May 2014). Full paper.

52. Zamani, E., Panahi, F., Mousavi, S.A., Keykha Kohan, M.S. (2014). Ecotourism and Sustainable Development. 4th International Conference on Environmental Challenges and Dendrochronology, Sari University of Agricultural Sciences and Natural Resources, Sari, Iran (14-15 May 2014). Full paper.

53. Seyednezhad, S.A., Mousavi, S.A., Vali, A.A. (2025). Evaluation of the effects of improving various transportation types on tourist influx to Kashan city using the ANP model. 1st International Conference on Tourism, Semnan: The Silk Road, Opportunities and Perspectives, Semnan University.

54. Salamati Ghamsari, F., Mousavi, S.A., Vali, A.A. (2025). The impact of hotel and accommodation quality on tourist influx to Kashan region using the ANP model. 1st International Conference on Tourism, Semnan: The Silk Road, Opportunities and Perspectives, Semnan University.

55. Alimardani, M., Mousavi, S.A., Vali, A.A. (2025). Tourist attraction strategies in Delijan county using the ANP model (Case study: Dodehak Caravanserai, Jasb Village, Nakhjir Cave, and Panzdah-e-Khordad Dam). 1st International Conference on Tourism, Semnan: The Silk Road, Opportunities and Perspectives, Semnan University.

JOURNAL REVIEWER

1. Reviewer for the 4th International Conference on Dendrochronology and Climate Change, University of Sari (May 2014)
2. Reviewer for the Journal of Desert Ecosystem Engineering, University of Kashan (2015 - Present)
3. Reviewer for the Journal of Ecohydrology (2019 - Present)

TRAINING COURSES & WORKSHOPS

1. Certificate - "Introduction to Models and Methods of Wind Erosion and Dust Measurement and Estimation" - Yazd University (March 2013)
2. Certificate - "Groundwater Resources Modeling Using MODFLOW" - University of Kashan (May 2013)
3. Certificate - "Fundamentals of Artificial Neural Networks and NeuroSolution Software Application in Natural Resources" - University of Kashan (October 2013)
4. Certificate - "Using Scientific Information Databases" - University of Zabol (May 2011)
5. Certificate - "Construction and Management of Freshwater Fish Aquariums" - University of Zabol (May 2011)
6. Certificate - "Research Methodology and Its Latest Advances Worldwide" - Dr. Henry Educational Institute, Khouzestan and Biabanak (April 2013)
7. Certificate - "Methods for Developing Sustainable Development Vision Documents" - Dr. Henry Educational Institute, Khouzestan and Biabanak (April 2014)
8. Certificate - "Creative Thinking Course" - Ideh Gostar Forsat Pardaz Company, University of Zabol (2010)
9. Certificate - "Advanced Word Training" - Scientific Resources Supply Center, Research Deputy, University of Kashan (January 2014)
10. Certificate - "Scientific Research Methodology Training" - Scientific Resources Supply Center, Research Deputy, University of Kashan (February 2014)
11. Certificate - "Endnote Training" - Scientific Resources Supply Center, Research Deputy, University of Kashan (December 2013)

12. Certificate - "Science Direct Training" - Scientific Resources Supply Center, Research Deputy, University of Kashan (February 2014)
13. Certificate - "Project-Based RS and GIS Training" - Scientific Association of Dry and Desert Ecosystems Engineering, University of Kashan (February 2016)
14. Certificate - "Methods of Publishing Research as a Scientific Article in Reputable Journals (For Science and Engineering Students)" - Scientific Resources Supply Center, Research Deputy, University of Kashan (September 2014)
15. Certificate - "PowerPoint Software Training (Version 2010-2013)" - Scientific Resources Supply Center, Research Deputy, University of Kashan (August 2015)
16. Certificate - "Various Interpolation Methods in GIS Software - Project-Based" - Scientific Association of Dry and Desert Ecosystems Engineering, University of Kashan (8 hours) (May 2016)
17. Certificate - "Introduction to Spectrophotometer in Dust and Particulate Studies" - Scientific Association of Dry and Desert Ecosystems Engineering, University of Kashan (4 hours) (May 2016)
18. Certificate - "Facilitation Skills and Techniques in Natural Resources" - Forests, Rangelands and Watershed Management Organization (10 hours) (November 2016)
19. Certificate - "Executive HSE Course based on OSHA Requirements with International Afnor Certification under Cofrac Accreditation (France)" - HSE Persian Academy (IFA) (32 hours) (May 2018)
20. Certificate - "Workplace Safety and First Aid" - Potash Complex, Khouzestan (6 hours) (May 2018)
21. Certificate - "Occupational Health and Safety for Workshop Safety Officers" - Technical Safety and Health Research and Training Center, Isfahan Province (40 hours) (January 2019)
22. Certificate - "Hazard Identification and Risk Assessment for Workshop Safety Officers" - Technical Safety and Health Research and Training Center, Isfahan Province (16 hours) (February 2019)
23. Safety Competency Certificate - Safety Officer Approval - Supreme Technical Safety Council, Department of Cooperatives, Labor and Social Welfare, Isfahan Province (December 2018)
24. Certificate - "Risk Management and Assessment Using Tripod Beta Method" - HSE Center, Tabas Coal Mine (10 hours) (November 2019)
25. Certificate - "ICDL Seven Skills According to Information Technology Skill Standards" - Technical and Vocational Training Organization (130 hours) (December 2019)

26. Certificate - "Organizational Culture Training Course" - Iran Industrial Training and Research Center (8 hours) (February 2019)
27. Certificate - "Basic Volunteer Training Course" - Red Crescent Society, Isfahan Province, Khor and Biabanak (40 hours) (August 2019)
28. Certificate - "Public In-Person Training Courses" - Red Crescent Society, Isfahan Province, Khor and Biabanak (24 days) (August 2019)
29. Certificate - "Financial Management for Non-Financial Managers" - Sina Educational and Research Development Institute, Mostazafan Foundation of Islamic Revolution (24 hours) (December 2022)
30. Certificate - "Commercial Law Training Course" - Sina Educational and Research Development Institute, Mostazafan Foundation of Islamic Revolution (24 hours) (January 2023)

TEACHING EXPERIENCE

1. Lecturer - University of Applied Science and Technology, Tehran Branch: "Environmental Conservation in Cities" and "Principles of Supervision" courses (Academic Year 2014-2015)
2. Teaching Assistant - Dr. Henry Educational Institute (Licensed by the Ministry of Science, Research and Technology) for education and consultation services for Master's and Ph.D. students seeking admission to Australian universities. Taught courses related to Natural Resources, Combating Desertification, and Environment; guided students in preparing Research Proposals. Tehran (February 2011 - October 2013)

FOREIGN LANGUAGE SKILLS

- English: Stream Line, Tolimo, MSRT, University of Kashan Tofel Certificates
- Arabic: Good working proficiency

SOFTWARE SKILLS

1. Idrisi32, Idrisi Kilimanjaro
2. ERDAS Imaging, SPSS
3. ArcGIS
4. Surfer, Neuro Solutions, Matlab, Wind Rose, Endnote

5. Microsoft Office Suite (Word, PowerPoint, Excel)

RESEARCH INTERESTS

- Soil Erodibility
- Restoration of Degraded Lands and Combating Desertification
- Utilization of Unconventional Water Resources
- Wind and Water Erosion
- Land Degradation
- Remote Sensing (RS) and Geographic Information Systems (GIS) in Natural Resources
- Dry and Desert Ecosystems
- HSE (Health, Safety, Environment)
- Medicinal Plants and Their Processing