

Curriculum Vitae

MANUCHEHR FARAJZADEH

The Greatest Researcher of Iran, 2014

Full Professor of Tarbiat Modares University

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GENERAL INFORMATION

Name and surname: Manuchehr Farajzadeh Asl

Marital status: Married

Date of Birth: 25 April 1965, Iran

Address: Department of Physical Geography, P. O. Box 14155-4838, Tarbiat Modares University, Tehran, Iran

Tel: Mobil: +98 912 1723124, Office: +982182884666

Fax: +98 2188006544

E-mail: frajzam@modares.ac.ir, farajzam2000@gmail.com, farajzam2000@yahoo.com

EDUCATION

Ph.D., University of Tarbiat Modares_ Iran, Physical Geography (Climatology), 1995.

M. Sc., University of Tabriz_ Iran, Physical Geography, 1989.

B.Sc., University of Tabriz_ Iran , Physical Geography, 1987

COURSES TAUGHT

1. Geographic Information Systems
2. Remote Sensing
3. Satellite Meteorology
4. Applied Climatology
5. Advanced hydrology
6. Statistical methods
7. Tourism climatology
8. Medical climatology
9. Iranian climatic hazards

RESEARCH INTERESTS

10. Geographic Information Systems
11. Climatology

12. Remote Sensing
13. Spatial planning

Publications

Books (in Persian)

14. Analysis and explanation of theories basis and methodology of current spatial planning, 2016, Iranian and Islamic of advances center publisher.
15. Medical Climatology, 2015, Entekhab Publisher, Iran.
16. Satellite Meteorology, 2014, SAMT Publisher, Iran
17. Iranian climatic hazards, 2014, SAMT publisher, Iran.
18. Principles of geographic information system, 2010, Entekhab Publisher.
19. Climatology Techniques, 2007, SAMT Publisher.
20. Applications of GIS in Tourism Planning, 2005, SAMT Publisher.
21. Drought (from concepts to solutions), 2005, National Geographic Organization Publisher

International Papers

1. Ghasemifar Elham, Farajzadeh, Manuchehr, Charles Perry Matthew, Gavidel Rahimi Yousef, Aliakbar Bidokhoti Abbasali, Analysis of spatiotemporal variation of cloud fraction based on geographic characteristics over Iran, Theoretical and Applied Climatology, Accepted.
2. Ghasemifar Elham, Farajzadeh, Manuchehr, Gavidel Rahimi Yousef, Aliakbar Bidokhoti Abbasali, 2018, Precipitation rate climatology related to different cloud types using satellite imagery over Iran, Arabian Journal of Geosciences, Vol. 11, No. 78, P 1-14.
3. Rezaei, M., Farajzadeh M., Gavidel Y., Alam K., 2018, Saptio-temporal variability of aerosol characteristics in Iran using remotely sensed datasets, Pollution, Vol. 4, No, 1, P 53-67.
4. Halimi M., M. Rezaei, Ch Mohamadi, M. Farajzadeh, 2017, Association between cloudiness and rainfall over Fars Province in Iran, Russian Meteorology and hydrology, Vol. 42, No. 10, 671-676.
5. Farajzadeh Manuchehr, Mohammad Ahmadi, 2017, A Synoptic-Climatology Approach to Increase Skill of Numerical Weather Predictions over Iran, Natural environment change, volum 3, No. 3, 1-9.
6. Davtalab Rahman, Ali Mirchi, Sina Khatami, Rabi Gyawali, Alireza Massah, Manuchehr Farajzadeh, Kaveh Madani, 2017, Improving Continuous Hydrologic Modeling of Data-poor River Basins using HEC-HMS: Case study of Karkheh River Basin, ASCE's Journal of Hydrologic Engineering, V. 22, No. 8, P 1-13.
7. Falahatkar Samereh, Seyed Mohsen Mousavi, Manuchehr Farajzadeh, 2017, Spatial and Temporal distribution of carbon dioxide gas using GOSAT data over Iran, Environmental monitoring assessment, 189:627.
8. Mousavi Seyed Mohsen, Samereh Falahatkar, Manuchehr Farajzadeh, 2017, Assessment of seasonal variations of carbon dioxide concentration in Iran using GOSAT data, Natural Resources Forum, No. 41, P 83-91.

9. Hafeznia Mohammad Reza, Taheri Ahmad, Farajzadeh Manuchehr, 2017, Political effects resulting from dust storms in Tigris and Euphrates basins, *Geopolitics Quarterly*, Vol. 12, No. 4, P. 13-38.
10. Mousavi Syyed Shafi, Farajzadeh Manuchehr, Ghavidel Rahimi Yousef, Bidokhti Abbasali Aliakbari, 2017, climatic variability of the column ozone over the Iranian plateau, *Meteorology and atmospheric physics*, No.129, 309-320.
11. Halimi M., Farajzadeh M., Zarei Z., 2016, Modeling spatial distribution of Tehran air pollutant using geostatistical methods incorporate uncertainty maps, *Pollution*, Vol. 2, No, 4, 375- 386.
12. Ghavidel Rahimi Yousef, Tolabi Nejad Maysam, Farajzadeh Manuchehr, 2016, Natural environment change, Vol. 2, No. 1, 47-55.
13. Ghavidel Rahimi Yousef, Farajzadeh Manuchehr, khaleghy Meysam, 2016, Synoptic backgrounds of the widest wildfire in Mazandaran Province of Iran during December 11-13, 2010, *Meteorology and Atmospheric Physics*, 128, 763-777.
14. Ghavidel Yousef, Baghbanan Parasto, Farajzadeh Manuchehr, 2016, A statistical survey on linking between thunderstorm frequency and teleconnection patterns in Iran, *Arabian journal of geoscience*, 9, 426,1-12.
15. Farajzadeh Manuchehr, Halimi Mansour, Ghavidel Yousef, Delavari Mehdi, 2015, Spatiotemporal anopheles population dynamics response to climatic conditions: the case of Chabahar, south Baluchistan, Iran, *Annals of global health*, Vol. 81, No. 5, 694-704.
16. Halimi Mansour, Farajzadeh Manuchehr, Delavari Mahdi, Arbabi Mohsen,2015, Developing a climate-based risk map of fascioliasis in Iran, *Journal of Infection and public health*, Vol.8, No. 5, 481-486.
17. Farajzadeh Manuchehr, Kamangar Mohammad, Bahrami Fahimeh,2015, Assessing landscape change of Minab delta morphs before and after dam construction, *Journal of natural environment change*, Vol. 1, No. 1, 21-29.
18. Ghavidel Rahimi Yousef, Abbasi Esmaeil, Farajzadeh Manuchehr, 2015, Analysis of the effect of tropical cyclone Phet in the occurrence of heavy rainfall and floods in Chabahar, Iran, *Weather*, Vol. 70, No. 12, 348-352.
19. Salehzadeh Ali Akbar, Rahmanian Mohammad, Farajzadeh Manuchehr, Ayobi Abdolhossein, 2015, Analysis of temperature change on electricity in Fars province, *Mediterranean journal of social sciences*, Volume 6, Ni. 3 S2, 610-617.
20. Shafizadeh-Moghadam, H., Hagenauer, J., Farajzadeh, M., & Helbich, M., 2015, Performance analysis of radial basis function networks (RBFN) and multi-layer perceptron (MLP) networks in modeling urban change: A case study. *International Journal of Geographical Information Science (IJGIS)*. Taylor & Francis, , Volume 29, Issue 4, 606-623.
21. Farajzadeh Manuchehr, Oji Rohollah, Canon A. J., Ghavidel Yousef, Massah A. R., 2015, An evaluation of single-site statistical downscaling techniques in terms of indices of climate extremes for Midwest of Iran. *Theoretical and Applied climatology*, No. 120, 377-390.
22. Farajzadeh Manuchehr, Karimi Neamat, 2014, change detection of Haft-khan glacier in Iran from 1955 to 2010 based on multi-temporal satellite images, *Arabian Journal of Geosciences*, 8, 5879-5896.
23. Feizi Vahid, Mollashahi Maryam, Farajzadeh Manuchehr, Azizi Ghasem, 2014, Spatial and temporal trend analysis of temperature and precipitation in Iran, *ECOPERSIA*, Vol. 2, No. 4, 727-742.

24. Sharifi Hadi, Farajzadeh Manuchehr, Shayan Siavash, 2014, Landslide susceptibility assessment using multiple linear regression and artificial neural networks, in the region Javanrood- Ravansar, *Advances in environmental biology*, 8 (11) special, 393-398.
25. Shirazi Amirhoshang, Farajzadeh Manuchehr, Servati Mohammad Reza, 2014, Strength of Damavand cone quaternary rocks against destruction and erosion based on mineralogy composition by using TAS & KUNO diagrams, *International Research journal of Applied and Basic Sciences*, Vol. 8, No. 7, 808-815.
26. Karimi Neamat, Farajzadeh Manuchehr, Moridnejad Ali, Namdari Soodabeh, 2014, Evidence for mountain glacier changes in semi-arid environments based on remote sensing data, *Journal of Indian Society of Remote Sensing*, V. 42, No. 4, 8101-815.
27. Khorani A., Farajzadeh M., Bazgeer S., Zaeian P., 2014, A statistical approach for estimating wheat yield using bootstrap resampling for rainfed farming" a case study of Kurdistan province, Iran, *Bulgarian Journal of Agricultural Science*, 20 (No 2), 267-274.
28. Farajzadeh Manuchehr, Karimi Neamat, 2014, Evidence for accelerating glacier ice loss in the Takht'e Solaiman mountains of Iran from 1955 to 2010, *Journal of Mountain Science*, 11(1), 215-235.
29. Halimi Mansour, Farajzadeh Manuchehr, Delvari Mahdi, Takhtardeshir Ashraf, Moradi Abbas, 2014, Modelling spatial relationship between climatic conditions and annual parasite incidence of malaria in southern part of Sistan & Baluchistan province of Iran using spatial statistic models, *Asian Pacific Journal of Tropical Disease*, No. 4 (Suppl 1), 167-172.
30. Farajzadeh Manuchehr, Taghilo Ali, 2013, the wind energy potential zoning using GIS and fuzzy MCDM-based approach (study area: Zanjan province, Iran), *the International Journal of Humanities*, Vol. 20, No. 2, P 45-61.
31. Hoseini Tavassol Morteza, Arzani Hosein, Farajzadeh Manuchehr, Jafari, Babaie Kafaki Sasan, 2013, Monitoring of rangeland vegetation changes in Alborz Province (Iran) using simple ratio index, *Journal of Biodiversity and environmental Sciences(JBES)*, Vol. 3, No. 11, 78-85.
32. Moradi, R. H., Rajabi M., Fragzadeh M., 2011, Investigation of meteorological drought characteristics in Fars province, Iran, *Catena*, No. 84, pp35-46.
33. Mobasheri M. R., Chahardoli M., Farajzadeh M., 2010, Introducing PASAVI and PANDVI methods for sugarcane physiological date estimation, Using ASTER images, *Journal of Agriculture Sciences and Technology*, Vol. 12, pp 309-320.
34. Farajzadeh Manuchehr, Rahimi Mohamad, Kamali Gholam Ali, Mavronnatis Theodoros, 2010, Modelling apple tree bud burst time and frost risk in Iran, *Meteorological Applications*, No. 17, pp 45-52.
35. Zarrin Azar, Ghaemi Hoshang, Azadi Majid, Farajzadeh Manuchehr, 2010, the spatial pattern of summertime subtropical anticyclones over Asia and Africa: A Climatological review, *International Journal of Climatology*, Volume 30, No. 2, pp 159-173.
36. Farajzadeh Manuchehr, Darand Mohammad, 2009, Analyzing the influence of air temperature on the cardiovascular, respiratory and stroke mortality in Tehran, *Iranian Journal of Environmental Health Science & Engineering*, Vol. 6, No. 4, pp. 261-270.
37. Mobasheri M. R., Chahardoli M., Jokar J., Farajzadeh M., 2008, Sugarcane phenological date estimation using broad-band digital cameras, *American Journal of Applied sciences*, Vol. 3, No. 2, pp. 475-468.
38. Mobasheri M.R., Purbager Kordi S., Farajzadeh M., Sadeghi Naeini, 2008, Improvement of Remote Sensing Techniques in TPW Assessment Using Radiosonde Data, *Journal of Applied Sciences*, No. 3, pp. 480-488.

39. Farajzadeh Manuchehr, Karimi Ahmadabad Mostafa, Gaemy Hoshang, Mobasheri Mohamad Reza, 2007, 'Studying the moisture flux over of Iran, *Journal of Applied Sciences*, No. 20, pp. 3023-3030.
40. Rezaei Moghdam M.H., Khayyam M., Ahmadi M., Farajzadeh M., 2008, Mapping Susceptibility Landslide by Using the Weight-of-evidence Model, *Journal of Applied Sciences*, Vol. 7, No. 22, pp. 3342-3355.
41. Farajzadeh Manuchehr, Adab Hamed, Amiri Reza , 2008, The preparation of the Colza (*Brassica Napus*) suitability map using statistical analysis and GIS; case study: Sabzevar Township, Iran, *International Journal of Botany*, , Vol. 4, No. 3, pp. 359-365.
42. Farajzadeh Manuchehr, Hosini Ameneh Bygom, Amiri Reza , 2008, Water crisis analysis using GIS; case study: Nishabur plain- Iran, *Asian Journal of Plant Sciences*, No. 5, pp. 884-891.
43. Farajzadeh Manuchehr, Asadolah Khorany, Hassan Lashkary, 2008, The Relation Jet Stream Location and Cyclones Over the Western Iran', *American Journal of Applied Sciences*, Vol. 5, No. 10, pp. 1312-1308.
44. Ahmadabadi A., Fathnia A., Karimi Ahmadabad M., Farajzadeh M , 2008, 'The Accuracy of SST Retrievals from NOAA-AVHRR in the Persian Gulf', *Journal of Applied Sciences*, Vol. 9, No. 7, pp. 1382-1378.
45. Pak Ali, Farajzadeh Manuchehr, 2006, Iran's Integrated Coastal Management Plan: Persian Gulf, Oman Sea, and Southern Caspian Sea Coastlines, *Ocean & Coastal Management*, No. 50, pp. 773-754.
46. Farajzadeh Manuchehr, Nik Egbal Mahbobeh, 2006, Evaluation of MEDALUS model for desertification hazard zonation using GIS; study area: Iyzad Khast plain, Iran, *Journal of Biological Sciences*, No. 10, pp. 2622-2630.

Selected Internal Papers (Persian)

1. Gavidel Rahimi Yousef , Esmail Abbasi, Manuchehr Farajzadeh, 2017, The Properties of Tropical Storm Hazards in Southeast Costs of Iran, *The Journal of Spatial Planning*, Vol. 21, No. 3, 279-293.
2. Farajzadeh M, Gholamy S, Ghavidel Y. 2016, Identifying the Climatic Factors Affecting the Prevalence of Cutaneous Leishmaniosis in Ilam Province, Iran, Using Satellite Imagery, *Hakim Health Sys Res*, 19, 3, 152-162.
3. Farajzadeh M, Ghavidel Rahimi Y, Mokri S., 2015, The Analysis of Forest Fires with Climatic Approach Using Satellite Data in Alborz Area_ Iran. *Journal of spatial analysis environmental hazards*, 2 ,3, 83-104.
4. Farajzadeh M., Kolsoom Ahmadian, 2014, Temporal and Spatial Analysis of Drought with use of SPI Index in Iran, 3, 4, 1-16.
5. Farajzadeh M., Saeed Rajaei Najafabadi, 2013, The Analysis of Synoptic Conditions of Flood Occurrence in Heavy Rainfalls (Koohrang County), *Journal of geography and planning*, 17, 45, 142-162.
6. Farajzadeh M., Bahoshi A., 2012, Analysis of deathly road accident in Novrooz holidays of year 2007 with climatic approach, *Geography and developments*, Volume 10, No. 26, 73-86.
7. Farajzadeh M, Mohammadi O. ,2011, Groundwater vulnerability zonation using Nero fuzzy algorithm (the case study: Zanjan province), *Iranian Journal of remote sensing & GIS*, Vol. 3, No. 1, 1-19.
8. Rahimi M., Farajzadeh M., Kamali Gh., 2011, Risk modeling of late spring frost damage on fruit trees, case study: apple tree. Mashhad plain. *Iranian Journal of field crop research*, Vol. 9, No. 2,

273-285.

9. Farajzadeh M., Hoseini Seyed Amir, 2011, Analyzing and zoning of temporal and spatial features of frost regions in Iran, *Journal of geography and regional development*, No. 15, 65-90.
10. Farajzadeh M., Khorani A., Bazgeer S., Zeaiean P., 2010, Modeling and prediction of rainfed wheat yield in attention to phonological phases of plant growth; a case study for Kurdistan Province_ Iran, *Physical Geography Research Quarterly*, No.76, P21-34.
11. Farajzadeh M., Fathnia A., Alijani B., Zeaiean P., 2010, Assessment of climatic factors on the vegetation in the Zagros region using satellite images, *Iranian Journal of range and desert research*, Vol. 18, No.1, P 107-124.
12. Farajzadeh M., Alizadeh, Kh, 2011, Spatial and temporal Analysis of dust storm in Iran, *Modares_ Spatial Planning Journal*, Vol. 15, No. 1, P 65-85.
13. Farajzadeh M., Pornasir fatemeh, 2011, the potential analysis of rice cultivation in lorestan province using geographic information system (GIS), *Journal of GIS.RS application in planning*, Vol. 1, No. 1, 35.
14. Farajzadeh M., Ahadnezhad M., Amini J., 2011, The vulnerability assessment of urban housing in earthquake against (a case study: 9th district of Tehran municipality), *Urban- Regional Studies and Research Journal*, Vol. 3, No. 9, P 2-5.
15. Farajzadeh M., Fathnia A., Alijani B., Zeaiean P., 2010, Assessment of the effect of climatic factors on the growth of sense pastures of Iran using AVHRR images, *Physical Geography Research Quarterly*, No.75, P1-15.
16. Farajzadeh M., Fathnia A., Alijani B., Zeaiean P., 2010, Analysis od climatic threshold for growth of the pastures by remote sensing data, (case study :Zagros), *Modares_ Spatial Planning Journal*, Vol. 14, No. 3, Tom 177-203.
17. Farajzadeh M, Gholizadeh M.H., Azim Adabi Firozjai, 2010, Spatial analysis of Accidents with climatic hazards approach, case study: Karaj- Chalous Road, *Physical Geography Research Quarterly*, No. 73,5-6.
18. Mobashri M., Poorbager kordi M., Farajzadeh M., Sadehi Naini, 2010, Total Precipitable water (TPW) assessment using MODIS image Radiosonde data, *Modares_ Spatial Planning Journal*, Vol. 14, No. 1, Tom 65, 107.
19. Farajzadeh M, Bahrami B., 2010, Capability of using remote sensing data to study of sandstorm, flood and heavy rainfall, *Journal of Physical Geography*, Vol. 3, No. 8, 1-17.
20. Farajzadeh M., Ahmadabadi A., 2010, Assessment and zoning of tourism climate of Iran using tourism climate index (TCI), *Physical Geography Research Quarterly*, No. 71, 31-42.
21. Farajzadeh M., Ahmadi M., Qaemi H., Babaiean I., 2009, An experimental model design, for analysis of perceptibility of synoptic patterns(PSP), *Modares Human Sciences (Spatial Planning)*, Vol. 13, No. 3, 62, 1-31.
22. Farajzadeh M.,Kashli A., Shayan S., 2009,Analysis of rain-fed wheat yield product variability using climate change approach (case study ares: Khorasan Razavi Province), *Modares Human Sciences (Spatial Planning)*, Vol. 13, No. 3, 62, 227-257.
23. Farajzadeh M., Darand M. ,2009, 'Analysis of air temperature influence on mortality in Tehran', *Hakim*, Vol. 11, No. 3, pp. 34-27
24. Farajzadeh M., Fathnia Amanollah, Laashkari Hassan, 2008,Tracking and frequency count rainy synoptic system in the west of Iran (Kermanshah and Ilam Provinces), *Journal of Human Science Modares*, Vol. 12, No. 2, 139-161.
25. Farajzadeh M., Ghorbani Ahmad, Laashkari Hassan, 2008,The study of architecture fitting of Sanandaj city building with their bioclimatic conditions with Mahoney method, *Journal of Human Science Modares*, Vol. 12, No. 2, 161-181.
26. Farajzadeh M., Rostamy M., 2004, Evaluation and allocation of urban educational center using GISs. *Journal of Human Science Modares*, 33, 22-29.
27. Farajzadeh, M., Karimy J., 2004, Analysis of spatial patterns of archeological sites in Mianab Shoshtar using remote sensing and GIS techniques, *Journal of Human science Modares*, 40, 32-

- 3-41.
28. Farajzadeh M., Karamy, T., 2004, Land use Planning Using Remote Sensing and GIS in Khorramabad Area-Iran, *Journal of Researches in Geography*, 47, 24-32. (In Persian)
 29. Farajzadeh M., Sarvar H., 2003, Management and allocation of educational center using Geographic Information System, case study: No. 7 educational region of Tehran, *Journal of Geographical Research*, 67, 34-42.
 30. Farajzadeh, M., 2002, The Estimate of Flood volume in Drainage basins Based on Morphometric Data, Case study: Zohreh & Khyrabad Basins in Iran, *Journal of Kavoshnameh, Yazd University*, 3, 14-21.
 31. Babaie O., Farajzadeh M., 2002, Patterns of Spatial and Temporal Variations of Rainfall in Iran, *Journal of Human Sciences Modares, Tarbiat Modares University*, (6) 4, 28-36.
 32. Farajzadeh M., Taklo Bigash A., 2001, Agroclimatic Zoning Using GIS in Hamadan Province, *Journal of Geographical Researches, Tehran University*, 42, 16-27.
 33. Farajzadeh M., Ganavaty E., 2000, Physiographic Zoning Using Factor Analysis Methods in Drainage Basins, *Journal of Humanities of Tarbiat Moalem University*, 30 & 31, 34-37.
 34. Farajzadeh M., E. Sobhany, 1998, Soil Erosion Zonation Based on Modified PSIAC Model In Aglaghanchai Basin using RS and GIS, *Journal of Modares*, 7, 35-44
 35. Farajzadeh M., Salajegeh E., 1998, The Study Of Ground Water Potential In Dehloran Plain using RS and GIS. *Modares*, 5, 39-48.
 36. Farajzadeh M., 1997, Probability Forecasting of Drought In Iran, *Journal of Modares, Tarbiat Modares University*, 4, 55-68.
 37. Farajzadeh M., A. Movahed Danesh, H. Gaemy, 1995, Drought in Iran, *Journal of Agricultural Science, Tabriz University*, 3,4, 32-62.
 38. Farajzadeh M. Karimpanah R., 1994, Possibility study of ecotourism development zones in Kurdistan province using geographic information system (GIS), *Physical Geography research quarterly*, 65, 51-35.
 39. Farajzadeh M., Fallah M., 1994, Assessing the effects of land use and land cover change on the flood regime of Tajan Basin using remote sensing technique, *Geographical research quarterly*, 65, 105-89.
 40. Moradi H., Rrajabi M., Farajzadeh M., 1997, Analysis trend and spatial characteristics of drought intensity in Fars province, *Iranian Journal of range and desert research*, 14, 1, 109-97.
 41. Masoomy Marzyeh, Farajzadeh Manuchehr, Spatial analysis of public libraries in No. 12 district of Tehran using GIS, *Modares*, No. 48, pp. 235-213.

PAPER PRESENTED IN CONGRESSES AND SEMINARS

22. Farajzadeh Manuchehr, Ghavidel Rahimi Yousef, Ardehirhi Kalhor Mehdi, 2015, The analysis of temporal variation of ultraviolet in Iran, international geographical union regional conference, Moscow, Russia
23. Farajzadeh Manuchehr, Taghilo Ali, Safa Mehran, 2013, The wind energy potential zoning using GIS and Fuzzy MCDM based approach; Study area: Zanjan Province_ Iran, The 3th international geography symposium, Kemer Antalya, Turkey.
24. Farajzadeh Manuchehr, 2011, climate change effects on human mortality in Tehran, Iran, Conference on Growing old in a changing climate, Vancouver, Canada.
25. Farajzadeh Manuchehr, Basirat Frogh, 2008, 'Susceptibility zonation of geological formation against earthquake energy using GIS; case study: Shiraz area_ Iran', Geinformation technology for natural disaster management and rehabilitation, pp52-55, Thailand.
26. Farajzadeh Manuchehr, Mirza Bayati Reza, Rahimi Mohammad, Amiri Reza, 2007, Preparation of Saffron Cultivation Suitability Map Based on the Comparison of Different

- Weighting Methods in GIS Environment', Case study :Nishabour Plain, Iran, proceeding of Map Asia conference, Malaysia
27. Farajzadeh M., 2002, Flood Susceptibility Zonation of Drainage Basins using Remote Sensing and GIS, case study area: Gaveh Rod_ Iran, proceeding of international symposium on Geographic Information Systems, Turkey.
 28. Farajzadeh M., 2001, The Flood Modeling using Multiple Regression Analysis in Zohre & Khyrabad Basins, 5th International Conference of Geomorphology, Japan.
 29. Farajzadeh M., 2000, The Estimate of Rainfall Volume using GIS in Nahavand Area, 29th International geographical Congress, Korea.
 30. Farajzadeh M., 2000, Determining of Karst Development Homogenous Units using GIS in zagros area, International symposium and field seminar on karst studies, Turkey.
 31. Farajzadeh M., E. Sobhany, 1988, The Estimate of Soil Erosion with MPSIAC Model Using RS and GIS in Aglaganchai basin, 27th International symposium on Remote Sensing of environment, Norway.
 32. Farajzadeh M., A. Komakpanah, 1995, Liquefaction Susceptibility Macrozonation of Iran, 5th conference of Zonation, France.

Projects supervised (in Iran)

33. Water crises studies on Nishabour plain using GIS, 2006.
34. Project of integrated coastal zone management of Iran, 2005.
35. Sit location of rest area in Shahid Kalantary highway, 2002.
36. The preparing national action program to control of desertification in Iran, 2001.
37. The preparing sea surface temperature map for Caspian sea using NOAA data, 2000.
38. Drought zonation of Iran, 2000.
39. Natural resources studies for rearrange of rural residents in Qazvin, Azerbaijan, Sistan and Baluchistan provinces, 1997.
40. Natural resources studies for project of Hormozgan province development, 1995.
41. Landslide zonation project of Jajrood area using GIS, 1994.
42. Climatology studies of Bahmanshir river de sedimentation project, 1990.
43. Climatology and hydrological studies of Jask estuary unsedimentation project, 1990.
44. Climatology studies of Salakh breakwater, 1990.
45. Basic resources studies of liquefaction zonation of Iran project, 1990.

Honours

46. Superior researcher of Islamic republic of Iran, 2014
47. Superior researcher of Tarbiat Modares university, 2006

International Training Courses Certificates:

48. International training course on agriculture in arid areas, China, 2007
49. International training course on desertification control, China, 2005,
50. Application of geoinformatics in biodiversity, India,2003
51. International training course on social and economical effects of climate change, Italy, 2001
52. International training course on sediment transportation, Turkey, 1998

MEMBERSHIP OF SCIENTIFIC SOCIETIES:

53. Society of Remote Sensing and GIS of Iran
54. Society of Iranian climatology
55. Society of Iranian Geographer
56. International Association of Hydrological Sciences

57. Asia-pacific Chemical, Biological & Environmental Engineering Society

Masters thesis supervised:

- More than 100 Masters Thesis supervised with subject of using remote sensing and GIS techniques in climatology and environmental problems.

Titles of selected PhD thesis supervised:

- More than 20 PhD Thesis supervised with subject of using remote sensing and GIS techniques in climatology and environmental problems.