

**Curriculum Vitae of Bakhtiar Feizizadeh, born September 21<sup>st</sup> 1981 in Malekan, Iran**

- Name: Bakhtiar Feizizadeh
- Academic degree: Associated professor
- ORCID: 0000-0002-3367-2925
- Number of publication up to 30. 06.2020: > 150 scientific papers
- H-index: 14, Citation < 1730;
- Phone, +98 09143058630,
- E-Mail: Feizizadeh@tabrizu.ac.ir, Bakhtiar.Feizizadeha@gmail.com
- Languages: Turkish/Azerbaijani, Persian, English, basic skills in German and Arabic

**Education /Qualifications**

- **1.10. 2010- 28.5. 2014:** PhD study in Applied Geoinformatics, Department of Geoinformatics, University of Salzburg, Austria. Supervised by Prof.Dr. Thomas Blaschke, PhD thesis topic: “Uncertainty, Sensitivity and Fuzzy Sets in GIS Multi-Criteria Decision Analysis”
- **1.10.2012- 30.5. 2013:** Scholar researcher and visiting PhD student, Center of GIS in Department of Geography, Supervised by Prof. Dr. Piotr Jankowski, San Diego State University (SDSU), California, USA.
- **1.10. 2005-30.12. 2007:** Master’s Degree in: Remote sensing and GIS, Department of Remote Sensing and GIS, University of Tabriz, Iran
- **1.10. 2001-30.01. 2005:** Bachelor’s Degree: Physical Geography (with honors), Department of Physical Geography, University of Tabriz, Iran.

**Awards**

- 2020. National Prize as top researcher of Iran, Ministry of Science, Research and Technology of Iran
- 2019. Alexander Von Humboldt fellowship for experienced researchers. Germany, University of Humboldt Zu Berlin
- 2019. National Prize as honored researcher of East Azerbaijan Provinces, Iran, Governance of East Azerbaijan Provinces
- 2018. Prize of University of Tabriz as honoured researcher in 2018
- 2015. Prize of University of Tabriz for honoured researcher in sciences and technology
- 2012. Award of top 10 paper in international conferences of GISciences, Columbus, Ohio, USA, 2012.
- 2010: Full founded for PhD study sponsored by Iranian ministry of sciences research and technology
- 2004 –Present : Member of Iranian National Elites Foundation
- 2005: Honour student in B.Sc Physical Geography

**Work experiences**

- **1.07.2020-Present:** Adjunct researcher/lecturer, Department of Geoinformatics, University of Salzburg, Austria
- **1.10. 2014 - Present:** Associated professor in Department of Remote sensing and GIS, Faculty of Planning and Environmental Sciences, University of Tabriz, Iran
- **1.02.2018 Present:** Deputy Director of Institute of Environment, University of Tabriz
- **1.2. 215 -Present:** Head of GIS Department, Azad University of Mamghan, East Azerbaijan Province, Iran (*part time position*)

**List of recent research projects** (*list of research project includes 25 research projects. Most recent and important project are listed as following*)

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- OrcID: 0000-0002-3367-2925
- Number of publication up to 30. 01.2018: > 120 scientific papers
- H-index: 14, Citation < 700; Total Impact Factor until 30.12.2016: > 45
- Phone, +98 9143058630, E-Mail: Feizizadeh@tabrizu.ac.ir, Bakhtiar.Feizizadeha@gmail.com
- Languages: Turkish/Azerbaijani, Persian, English, basic skills in German and Arabic
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- [Link to google scholar](https://scholar.google.com/citations?user=QUkEQ5IAAAAJ&hl=en) (https://scholar.google.com/citations?user=QUkEQ5IAAAAJ&hl=en)
- [Link to Profile in University of Tabriz](http://geography.tabrizu.ac.ir/en/page/4898/assist.prof.dr.bakhtiar-feizizadeh)  
(http://geography.tabrizu.ac.ir/en/page/4898/assist.prof.dr.bakhtiar-feizizadeh)

## Education /Qualifications

- 1.10. 2010- 28.5. 2014: PhD study in Natural Sciences- Applied Geoinformatics, Department of Geoinformatics, University of Salzburg, Austria. Supervisor, Prof. Thomas Blaschke, PhD thesis topic: Uncertainty, Sensitivity and Fuzzy Sets in GIS Multi-Criteria Decision Analysis
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- 1.10. 2005-30.12. 2007: Master's Degree in: Remote sensing and GIS, Department of Remote Sensing and GIS, University of Tabriz, Iran
- 1.10. 2001-30.01. 2005: Bachelor's Degree: Physical Geography (with honors), Department of Physical Geography, University of Tabriz, Iran.

## Work experiences

- 1.10. 2014 - Present: Assistant professor in Department of Remote sensing and GIS, Faculty of Planning and Environmental Sciences, University of Tabriz, Iran
- 1.2. 215 -Present: Head of GIS Department, Azad University of Mamghan, East Azerbaijan Province, Iran (part time position)

## List of Research projects *(list of research project includes 25 research projects. Most recent and important project are listed as following)*

- 2016-2017: Main supervisor for project entitled "Developing Spatial Infrastructure (SDI) for East Azerbaijan Province, Iran", Founded by Organizing of Planning and Management for East Azerbaijan Province.
- 2016-2017: Main supervisor for project entitled "Monitoring Natural Hazards and their Impacts on Transition Lines of East Azerbaijan province, Iran", Founded by Electricity Distribution Company of East Azerbaijan Province, (Main supervisor).
- 2015-2016: Main supervisor for project entitled "Spatial Data Infrastructure (SDI) of National Gas Company in East Azerbaijan Province", Founded by National Gas Company.
- 2015-2016: Main supervisor for project entitled "GIS Spatial Analysis Applied to Crime Analysis in Relationship With Economic, Education and Social Indicators in Tabriz City", Jointly Founded by Ministry of low and Municipality of Tabriz.
- 2016: Main supervisor for project entitled "Developing Geospatial tool for SDI of Tabriz Municipality, Founded by Traffic and Transfer Organization of Tabriz Municipality", Founded by Municipality of Tabriz.
- 2016: Main supervisor for project entitled "Designing and Developing Spatial Data Infrastructure (SDI) for Campus of University of Tabriz", Founded by University of Tabriz.

## Supervising Master, PhD students and Postdoctoral Researcher

- Graduated Master students: 35, Ongoing Master students: 14
- Co- Supervising Ongoing PhD student: 5 (*Omid Rahmati, Behzad Shokati, Mansoor Omranei, Mehdei Feyzolahpour, Rahim Mohamadei*)
- Supervising of Postdoctoral Researcher: 1 (*Dr. Sadar Karimzadeh*)

## Memberships

- Since 2012: Member of Iranian Remote sensing and GIScience society
- Since 2005: Member of National Organization for Development of Exceptional Talents in Iran

- Since 2015: Member of scientific Committee for Monitoring and Restoring Urmia Lake Organized by Iranian Government

### **Reviewer Responsibilities**

- International Journal of Geographic Information Science (IJGIS)
- Remote sensing
- International Journal of Remote Sensing
- Journal of IEEE Selected Topics in Applied Earth Observations and Remote Sensing
- Journal of IEEE Geosciences and Remote Sensing Letters
- Journal of Natural Hazards (Springer)
- Arabian Journal of Geosciences (Springer)
- Journal of Environmental Planning and Management
- Journal of Agricultural Science and Technology
- Journal of Environmental Earth Science (Springer)
- International Journal of Digital Earth
- Journal of Geography and Planning
- Geomorphology (Elsevier)
- Catena (Elsevier)
- The Egyptian Journal of Remote Sensing and Space Sciences
- Biodiversity and Conservation (Springer)
- Journal of Hydro Geomorphology
- Journal of Geographical Research
- Journal of Geographical Data
- Journal of Physical Geography
- Iranian Journal of Remote Sensing and GIS

### **Organization of conferences**

- 1<sup>th</sup> national conference in GISciences, 19-20 November 2014, University of Tabriz, Iran
- Annual GIS day event since 2015 -2020

### **Publications**

#### **Submitted journal papers**

Mohmadzadeh, K., Feizizadeh, B., Identifying and Monitoring Soil Salinization in the Eastern Part of Urmia lake Together With Comparing Capability of Object Based Image Analysis Techniques, Journal of Physical Geographical Researches, (a revised version has been submitted).

Feizizadeh, B., Darbai, S., Blaschke, T., Tied, D., A novel approach of QADI as new accuracy assessment method for object-based image classification, IEEE Geoscience and Remote Sensing Letters (submitted).

Feizizadeh B., Kazemi Garajeh, M, Blaschke, T., Lakes, T., 2020. A semi-automated Fuzzy-OBIA Applied for Detecting and Mapping the Karst Landforms, European Journal of remote sensing, (submitted)

Feizizadeh B., Abedi H., Blaschke T., 2020. GIS-based forest fire risk mapping using the analytical network process and fuzzy logic, Journal of environmental Planning and Management, accepted and in press.

#### **Published/accepted journal papers**

Feizizadeh, B., Kazamei, M., Blaschke, T., Lakes, T., 2020. An object based image analysis applied for volcanic and glacial landforms mapping in Sahand Mountain, Iran, Catena, doi.org/10.1016/j.catena.2020.105073.

- Mohamadzadeh, P., Pourmoradian, S., Feizizadeh, B., Sharifi, A., Vogdrup-Schmidt, M., 2020. A GIS-Based Approach for Spatially-Explicit Sustainable Development Assessments in East Azerbaijan Province, Iran, Sustainability, <https://doi.org/10.3390/su122410413>.
- Hassanpour, P., Feizizadeh, B., Valizadeh Kamran, K., 2020. Readiness Assessment of Implementation of Enterprise Spatial Data Infrastructure in Agriculture Jihad Organization of West Azarbaijan Province. *JGST*. 2020; 10 (2):11-21.
- Feizizadeh, B., Ronagh, Z., Pourmoradian, S., Gheshlaghi, H., Lakes, T., Blaschke, T. (2021) An efficient GIS-based approach for sustainability assessment of urban drinking water consumption patterns: A study in Tabriz city, Iran. *Sustainable Cities and Society*. DOI: <https://doi.org/10.1016/j.scs.2020.102584>
- Moradpour, M., Rostami Paydar, G., Beiranvand Pour, A., Valizadeh Kamran, K. Feizizadeh B., 2020. Landsat-7 and ASTER remote sensing satellite imagery for identification of iron skarn mineralization in metamorphic regions, *Geocarto International*, doi.org/10.1080/10106049.2020.1810327.
- Feizizadeh, B., Abedi, H., Gheshlaghi, Bui, T., 2020. An integrated approach of GIS and hybrid intelligence techniques applied for flood risk modeling, *Journal of Environmental Planning and Management*, <https://doi.org/10.1080/09640568.2020.1775561>.
- Nazmfar, H., Alavi, S., Feizizadeh, B., Mostafavi, M.A., 2020, Analysis of Spatial Distribution of Crimes in Urban Public Spaces, *Journal of Urban Planning and Development*, 146(3), DOI.10.1061/(ASCE)UP.1943-5444.0000549.
- Feizizadeh, B., Shaabei H., DedeHabab K, Blaschke T, Neubauer F. 2020. Object-Based Thermal Remote-Sensing Analysis for Fault Detection in Mashhad County, Iran, *Canadian journal of Remote sensing*, 1-15
- Abedi H., Feizizadeh B., Blaschke T., 2020, GIS-based forest fire risk mapping using the analytical network process and fuzzy logic, *Journal of Environmental Planning and Management*, 2020, 481-499.
- Ebrahimi, H., Feizizadeh, B., Salmani, S., Azadi, H. (2020) A comparative study of land subsidence susceptibility mapping of Tasuj plane, Iran, using boosted regression tree, random forest and classification and regression tree methods. *Environmental Earth Sciences*, May 2020. doi: <https://doi.org/10.1007/s12665-020-08953-0>
- Shokati B, Feizizadeh B, 2019., Sensitivity and uncertainty analysis of agro-ecological modeling for saffron plant cultivation using GIS spatial decision-making methods, *Journal of Environmental Planning and Management*, 0.1080/09640568.2018.1427561, 1-17.
- Ghorbanzadeh O., Pourmoradian S., Blaschke T., Feizizadeh B., 2019, Mapping potential nature-based tourism areas by applying GIS-decision making systems in East Azerbaijan Province, Iran, *Journal of Ecotourism*, 2019, 1-23.
- Naboureh A., Feizizadeh B., Naboureh A., Bian J., Blaschke T, Ghorbanzadeh O., Moharami M., 2019, Traffic Accident Spatial Simulation Modeling for Planning of Road Emergency Services, *ISPRS International Journal of Geo-Information*, 8, 371
- Najafi P, Navid, H., Feizizadeh B., Blaschke, T., 2019, Fuzzy Object-Based Image Analysis Methods Using Sentinel-2A and Landsat-8 Data to Map and Characterize Soil Surface Residue, *Remote Sensing*, 11, 2583.
- Karimzadeh S., Feizizadeh B., Matsuoka M., 2019, DEM-Based Vs30 Map and Terrain Surface Classification in Nationwide Scale—A Case Study in Iran, *ISPRS International Journal of Geo-Information*, 8, 537.
- Nazmfar H., Alavi S., Feizizadeh B., Masodifar R., Eshghei A., 2020, Spatial Analysis of Security and Insecurity in Urban Parks: A Case Study of Tehran, Iran, *Professional Geographer*, 33-0124, 16-1.
- Feizizadeh, B., 2018, A Novel Approach of Fuzzy Dempster–Shafer Theory for Spatial Uncertainty Analysis and Accuracy Assessment of Object-Based Image Classification, *IEEE Geoscience and Remote Sensing Letters*, 15 (1), 18-22 (Direct link to this paper).

- Behboudi, D., Mohammadzadeh P., Feizizadeh B., Pooranvari A. 2018. Multi-criteria Based Readiness Assessment for Developing Spatial Data Infrastructures in East Azerbaijan Province, Iran, *Journal for Geographic Information Science*, 2, 322-333.
- Shokati, B., Feizizadeh, B, 2018, Sensitivity and uncertainty analysis of agro-ecological modeling for Saffron plant cultivation using GIS spatial decision making methods, *Journal of Environmental Planning and Management*, doi.org/10.1080/09640568.2018.1427561.
- Feizizadeh, B., Blaschke, T., Tiede, D., Rezaei Moghaddam, H.M., 2017, Evaluation of fuzzy operators within an Object-Based Image Analysis Approach for Landslide change detection analysis, *Geomorphology*, 293, 240-254. (Direct link to this paper).
- Feizizadeh, B., Kienberger, S., 2017. Spatial Explicit Sensitivity and Uncertainty Analysis for Multicriteria based Vulnerability Assessment, *Journal of Environmental Planning and Management*, .60,11. (Direct link to this paper).
- Ghorbanzadeh,O., Feizizadeh., B, Blaschke.,2017, Multi-criteria risk evaluation by integrating an analytical network process approach into GIS-based sensitivity and uncertainty analyses, *Geomatics, Natural Hazards and Risk*, 9 (1)127-151. (Direct link to this paper).
- Najafi P., Navid H., Feizizadeh B., Eskandari I, 2018, Remote sensing for crop residue cover recognition: a review, *Agricultural Engineering International: CIGR Journal*, 20, 63-69.
- Ghorbanzadeh O., Feizizadeh B, Blaschke T., 2018. An interval matrix method used to optimize the decision matrix in AHP technique for land subsidence susceptibility mapping, *Environmental Earth Sciences*, 77, 2-19
- Rahmati, O., Tahmasebipour, N., Haghizadeh, A., Pourghasemi, H. R., Feizizadeh, B, 2017, Evaluating the influence of geo-environmental factors on gully erosion in a semi-arid region of Iran: An integrated framework, *Science of the Total Environment*, 579, 913-927 (Direct link to this paper).
- Karimzadeh,S., Feizizadeh B., Matsuoka, M., 2017, From a GIS-based hybrid site condition map to an earthquake damage assessment in Iran: Methods and trends, *International Journal of Disaster Risk Reduction*, 22, 23-36.(Direct link to this paper).
- Abedi Gheshlaghi,H., Feizizadeh,B.,2017, An integrated approach of analytical network process and fuzzy based spatial decision making systems applied to landslide risk mapping, *Journal of African Earth Sciences*, 133,15-24. (Direct link to this paper).
- Naboureh, A., Rezaei Moghaddam,M.H., Feizizadeh,B., Blaschke, T., 2017, An integrated object-based image analysis and CA-Markov model approach for modeling land use/land cover trends in the Sarab plain, *Arabian Journal of Geosciences*, 10(12), 259. (Direct link to this paper).
- Feizizadeh, B., Shadman Roodposhti, M., Blaschke,T., Aryal J., 2017, Comparing support vector machine kernel functions for GIS-based landslide susceptibility mapping, *Journal of Arabian Geoscience*,10 (5), 122, (Direct link to this paper).
- Feizizadeh, B., Abdolhabdi, Valizadeh, K.H., 2017, GIS Based Data Uncertainty Analysis Approaches Applied for Comparing Accuracy Assessment of SRTM and ASTER Digital Elevation Models, *Journal of Geographical Data (SEPEHR)*, 26 (103), 29-41.
- Mohmadzadeh, K., Feizizadeh, B., 2017, Modeling the impacts of Urmia lake drought on soil salinity of agricultural lands in the eastern area of fuzzy object based image analysis approach, *Journal of RS and GIS for natural resources*, 8 (3), 56-72.
- Feizizadeh, B, Kazemi, S., Sharafi, S., 2017, A Semi-Automated Approach For Identifying And Classifying Urban Distressed And Modern Area Based On Spectral And Spatial Patterns In Object-Oriented Remote Sensing: A Case Study Area Isfahan City, *Journal of Human Geography Research*, Doi. 10.22059/JHGR.2017.204379.1007209.

- Enalei, G., Feizizadeh, B., Rezaei Moghaddam, M.H., 2017, Investigation of the efficiency of object based aerial digital images processing methods for identifying and estimating of earthquake damaging impacts in Varzaghan city, *Journal of Environmental Hazard Management*, 4(2), 193-209.
- Feizizadeh, B., Taheri, A., 2017, Object Based Image Analysis Techniques Applied for Monitoring Environmental Changes in Margheh City' Suburb, *Journal of Management Systems*, (in press, accepted).
- Rahmati, O., Tahmasebipour, N., Haghizadeh, A., Pourghasemi, H. R., Feizizadeh, B, 2017, Evaluation the Capability of Entropy Models for Forecasting Gully Erosion, *Journal of Watershed Management Research*, (In press, accepted).
- Feizizadeh, B., Hasnaitabr, M.H., 2017. Image fusion and optimizing techniques for improving the scale parameter of segmentation in object-based image analysis approach, *Journal of Geography and Planning*, (in press, accepted).
- Feizizadeh, B., 2017, Comparison of Pixel-Based and Object-Oriented Methods in classification agriculture and orchard lands in eastern area of Urmieh Lake, *Journal of Geographical Data (SEPEHR)*, (in press, accepted).
- Rahmati, O., Tahmasebipour, N., Haghizadeh, A., Pourghasemi, H. R., Feizizadeh, B, 2016, Evaluation of different machine learning models for predicting and mapping the susceptibility of gully erosion, *Geomorphology*, 298, 118-137 (Direct Link to this paper).
- Feizizadehm, B., Shahabi, H., Seyfei, H., 2017, Application of Fuzzy-Object Based Image Analysis Approach for Identifying and Zoning Salt-Dust Storms of Urmia Lake Eastern Plain, *Journal of Environmental Hazard Management*, 3(3), 269-284.
- Sharifi, L., Kamel, B., Feizizadeh, B., 2015, Monitoring Bioenvironmental Impacts of Dam Construction on Land Use Cover Changes in Sattarkhan Basin Using Multi-temporal Satellite Imagery, *Iranica Journal of Energy & Environment*, (1)6, 39-46.
- Shokati, B, Asgarpour M.R., Ganbari, A, Feizizadeh, B., 2016, Suitability assessment of Saffron cultivation using GIS based multi-criteria decision analysis approach study area East-Azerbaijan province, desert, 21-22, 115-131.
- Shokati, B, Asgharipour M.A, Feizizadeh, B., 2016, Improving farming practices using multi-criteria decision analysis in geographic information system for Damask Rose cultivating, *Global Journal of Environmental Science and Management (GJESM)*, 2, 3.
- Shokati, B., Asgharipour, M.A, Feizizadeh, B., 2016, Land Suitability Assessment for Cuminum Cyminum by Applying GIS-MCDA Methods, *Journal for Ecophysiology of Plants*, (accepted).
- Feizizadeh, B., Zand Karimi, A., Pirnazar, M., Abedi, H, 2015, Evaluating the Capability of Fuzzy algorithms for Improving the Accuracy of land use maps Based on object based image analysis, *Journal of geographic information sciences*, 24, 107-117.
- Pirnazar, M., Arayafar N., Farhadei V, Feizizadeh B, 2016, Application of GIS-MCDA methods for police station site selection in Tabriz city, *Journal of Azerbaijan police science*, 5-4(19), 125-140.
- Feizizadeh, B Dedehaban K, Golanmnya K, 2016, Extraction of Land Surface Temperature (LST) based on landsat satellite images and split window algorithm Study area: Mahabad Catchmen, *SEPEHR*, 25, 171-182.
- Roostaei S, Pirnazar M, Zandkarimi A, Feizizadeh B, Mousavi Kojabadi N, 2016, Site selection for solar energy panels based on GIS spatial analysis solar radiation and climatology indicators, *geography and environmental studies*, 101-116.
- Pishnmaz Ahmadei M, Rezaei Moghaddam M. H., Feizizadeh B, 2017, Study indexes and mapping of soil salinity using remote sensing data (Case study: Aji Chay river delta), *Journal of RS and GIS in Natural Resources*, 8, 85-96.

- Feizizadeh B, 2017, Modeling the Trends of Land use cover Change and Its Impacts on Erosion System of Allevian Dam Based on Remote Sensing and GIS Techniques, *Hydrogeomorphology*, 3, 38-21.
- Feizizadeh, B., Shadman Roodposhti, M., Jankowski, P., Blaschke, T., 2014. GIS-Based Extend Fuzzy Multi-Criteria Evaluation for Landslide Susceptibility Mapping, *Computers and Geosciences*, 73, 208-221. (Direct link to this article).
- Feizizadeh, B., Blaschke, T., 2014. Uncertainty analysis of GIS-Multicriteria based landslide susceptibility mapping. *International Journal of Geographical Information Science*, 28 (3).610-638. (Direct link to this article).
- Feizizadeh, B., Jankowski, P., Blaschke, T., 2014. A GIS based Spatially-explicit Sensitivity and Uncertainty Analysis Approach for Multi-Criteria Decision Analysis, *Computers and Geosciences*, 84, 81-95. (Direct link to this article).
- Feizizadeh, B., Blaschke, T., 2013, GIS-multicriteria decision analysis for landslide susceptibility mapping: comparing three methods for the Urmia lake basin, Iran. *Natural Hazards*, 65:2105–2128. (Direct link to this article).
- Feizizadeh, B., Blaschke, T., Shadman Roodposhti, M., 2013, Integration of GIS based Fuzzy set theory and Multicriteria Evaluation methods for Landslide Susceptibility Mapping, *International Journal of Geoinformatics*, 9(3),49-57.(Direct link to this article).
- Feizizadeh, B., Blaschke, T., Nazmfar, H., Rezaei Mogadam, M., 2013, Landslide susceptibility mapping using GIS-based Analytical Hierarchical Process for the Urmia Lake basin, Iran, *International Journal of Environmental Research*, 7 (2): 319-3336. (Direct Link to this article).
- Feizizadeh, B., Tiede, D., Rezaei Moghaddam, M.H., Blaschke, T. (2014): Systematic Evaluation of Fuzzy Operators for Object-Based Landslide Mapping. *South-Eastern European Journal of Earth Observation and Geomatics* 3(2s), 219-222.
- Feizizadeh, B., Blaschke, T., Nazmfar, H., 2012, GIS-based ordered weighted averaging and dempster shafer methods for landslide susceptibility mapping in Urmia lake basin, Iran, *International Journal of Digital Earth*, 7(8), 688-708. (Direct link to this article).
- Anvaeri, H., Feizizadeh, B., Olyani Nejad R, 2016, Optimum Designing of Gas Distribution Networks of Ilam Province by Using GIS Network and Spatial Analysis, *Open Journal of Geology*, 06, 801-811
- Akbary, A., Ebrahmei, M, Soleymanijjad, H., Feizizadeh, B, 2016, Monitoring Land Surface Temperature in Relation with Land use/cover in Talegahn Basin, *Geography and Environmental Planning*, 60(4), 151-170. This is published in Persian language.
- Roostai, S., Pirnazar, M., Zand Karmi, A., Feizizadeh, B., Msavei, N., 2016, Site Selection for Solar Energy Panels Based on GIS-MCDA Methods and Climatology Indicators, *Geography and Environmental Researches*, 5 (19), 101-116. This is published in Persian language.
- Feizizadeh, B., Dedehban, K.h., 2016. Extracting Land Surface Temperature from Landsat Thermal data Based on Split-Window Algorithm in Relationship with Land use/cover within Mahabd Basin, *Journal of Geographic Information*, 25, 171-182. This is published in Persian language.
- Pirnazar, M., Arayafar, N., Farhadei, V., Feizizadeh, B, 2016, Application of GIS-MCDA methods for police station site selection in Tabriz city, *Journal of Azerbaijan police science*, 5-4(19), 125-140. This is published in Persian language.
- Shokati, B., Asgharipour, M.A, Feizizadeh, B., 2016, Improving farming practices using multi-criteria decision analysis in geographic information system for Damask Rose cultivating, *Global Journal of Environmental Science and Management (GJESM)*, 2, 3. This is published in Persian language.
- Feizizadeh, B., Zand Karmi, A., Pirnaz, M., 2015. Evaluation the Capability of Fuzzy Algorithms for Improving the Accuracy of Object Based Image Analysis Approach, *Journal of Geographical Information*, 24, 107-117. This is published in Persian language.

- Feizizadeh, B., Pourmoradian, S., Pourmoradian, S., 2015. Food Security Assessment Based on GIS Spatial Analysis in the Rural Area of East Azerbaijan Province, Iran, *Journal for Geographic Information Science*, 1,475-483 (link to this article).
- Feizizadeh, B., Kienberger, S., Valizadeh Kamran, K., 2015. Sensitivity and Uncertainty Analysis Approach for GIS-MCDA Based Economic Vulnerability Assessment, *Journal for Geographic Information Science*, 1, 81-89 (link to this article).
- Feizizadeh, B., Omrani, K., Babayi Aghdam, F., 2015. Fuzzy Analytical Hierarchical Process and Spatially Explicit Uncertainty Analysis Approach for Multiple Forest Fire Risk Mapping, *Journal for Geographic Information Science*, 1, 72-80 (link to this article).
- Sharifi L, Kamel, Bl., Feizizadeh, B., 2015. Monitoring Bioenvironmental Impacts of Dam Construction on Land Use Cover Changes in Sattarkhan Basin Using Multi-temporal Satellite Imagery, *Iranica Journal of Energy & Environment*, (1)6, 39-46 (link to this article)
- Blaschke, T., Feizizadeh, B., Holbling, D., 2014. Object-Based Image Analysis and Digital Terrain Analysis for Locating Landslides in the Urmia Lake Basin, Iran, *IEEE Journal of Selected Topics in Applied Earth Observation and Remote Sensing*, 7(12), 4806-4817 (link to this article).
- Feizizadeh, B., Blaschke, T., 2013, Examining Urban Heat Island Relations to Land Use and Air Pollution: Multiple Endmember Spectral Mixture Analysis for Thermal Remote Sensing, *Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, 6 (3), 1-8. (Direct link to this article).
- Feizizadeh, B., Blaschke, T., 2013, Land suitability analysis for Tabriz County, Iran: a multi-criteria evaluation approach using GIS, *Journal of Environmental Planning and Management*, 56: 1-23. (Direct link to this article).
- Feizizadeh, B., Abdali, H., Rezaei banfshe., 2013, M., Mohamadei, G.M, GIS based land suitability assessment for dry-farming wheat in the Eastern Azerbaijan province. *Journal of Watershed Management Researches Journal (Pajouhesh & Sazandegi)*, 92, Spring 2013. This is published in Persian language.
- Feizizadeh, B., Rezaei Banfshe, M., Hejzeim M,A., 2013, Classification of Socio-economic Development Levels in Counties of West Azerbaijan Province, Iran by GIS and Multi-Criteria Decision Making, *Journal of Geographic Space*, 12 (4), 1-24, This is published in Persian language.
- Sour,A., Arzani, H., Feizizadeh, B., Tavili,A., Alizadeh, E., 2013, GIS Multi-Criteria Evolution for Determination of Rangelands Suitability for Goat Grazing in the Middle Taleghan Rangelands, *International journal of Agronomy and Plant Production*, 4 (7), 1499-1510.
- Feizizadeh, B., Blaschke, T., Nazmfar, H., Akbari, A., Kohbanani, H.K., 2012, Monitoring land surface temperature relationship to land use/land cover from satellite imagery in Maraqeh County, Iran. *Journal of Environmental Planning and Management*, 56 (9), 1290-1315. (Direct link to this article)
- Feizizadeh, B., Blaschke, T., 2011, Landslide risk assessment based on GIS Multi-Criteria Evaluation: A case study Bostan Abad County, Iran, *Journal of Earth Science and Engineering* 1: 66-71.
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