

Personal Information

Name: **Mohammad**
Surname: **Sharifikia**
Sex: **Male**
Date of Birth: **24.07.1966**
Marital Status: **Married**
Nationality: **Iranian**
Occupation: **Associated professor, Department of RS & GIS, Tarbiat Modares University – Tehran**



Education

Ph.D: *Remote Sensing - Geohazard*, University of Delhi , India,2007
M.Tech: *Remote Sensing* , Andra University, India 2009
P.G.Diploma: *Remote Sensing & GIS* , IIRS (CSSTEAP), India 2006
M.Sc: *Geography* , Ferdwsii Mashhad University , Mshhad ,Iran- 1994
B.Sc: *Geography* , Ferdwsii Mashhad University , Mshhad ,Iran- 1991.

University Thesis

PhD Thesis: *RS & GIS Application in Geo-Hazard- A case study of Central Alborz N.Iran*, **Supervisor : Prof. C.S.Dubey**

M.Tech Thesis: *SAR microwave data processing and deferential interfromtric Technique (DInSAR) applying for Land subsidence mapping*
Supervisor: Dr. R.S. Chatterjee

P.G.Deploma: *DEM Generation & Morphology feature Extraction–Using InSAR*, **Supervisor: Dr.R.D.Garg**

M.Sc Thesis: *Evaluation of indisteries and mining roles in regeonal grow and developemnt estrategy (Case study South khorasan)*, **Supervisor: Dr. J. Javan**

B.Sc Thesis: *Fundemantal elements in regional development*, **Supervieor: Dr. S.A.Porphekohie**

Research Interests

SAR interfrometry

Geohazard
Regional planning
Aplide Remote Sensing
Evironmental study

Working Experince

Since 2008 - Assistant Professor in department of Remote Sensing Tarbiat Modares University
1996 – 2008 - Expert in Industries planning, Ministry of Industrial and Mining, GOV. Iran

Research Experience

I successfully submitted around 114 research project works as councilor in field of Geohazard studies, regional and planning, mines & industrial planning, environmental studies. Rural planning, Image interpolation and thematic mapping, etc. as mentioned per main titles in following list:

- 1- Evaluation of Rural Councils in Birjand Township (1987)
- 2- Nomad study in Eastern Iran {1989}
- 3- Soci-Economical studies for Kaltat Nadir and Bashagerd areas (1988-89)
- 4- Undervaluing areas Recognition & assessments Studies in east Iran
- 5- Reorganization study for Ashoadah Inland in south east Caspian Sea(2000)
- 6- Soci-economical and Spatial studies for Khorasan master plan (1995)
- 7- Salt & Marble Mining studies in Eastern Iran (1998)
- 8- Land reorganization studies in North East Iran (Co-supervisor) (1993)
- 9- Desert studies in Iran (Co-supervisor) (1992)
- 10- Environmental studies for to Leather industries areas (1994)
- 11- Soci-Economical studies for Khosef area –Birjand (1987)
- 12- Base map preparing for 480 areas in Tehran and Northern part of Iran (bases on aerial photo and Satellite images)- 1997 -2003
- 13- Pre-feasibility study for 16 propositions in Mining and Industries activities (2006)
- 14- Soil and Land Resource Capability study for 6 areas in Khorasan Province (1994)
- 15- Rural glide plan (studies and designing) for 21 Villages in Mazandaran Golestan, Khorasan , Sistan and balochestan provinces (1992-99)
- 16- Rural central services, study for reorganization and planning, applying in 7 areas of Eastern part of Iran (1992 -96)
- 17- Rural reorganization and planning studies for 17 areas of Iran (Mazandaran,Golestan, Khorasan ,Sistan and balochestan, Lorestan) – 1997- 99
- 18- Accumulation studies for Small and distributed Villages in 3 areas of eastern part of Iran (1990-94)
- 19- Rural settlement site suitability studies in 6 areas of eastern slide of Iran (1988 -90)

- 20- Geohazard studies (assessment and mapping) in 8 areas of North Iran (1998 – 2002)
- 21- Soci-Economical studies for 11 Natural resource management planning. (1989-92)
- 22- Industrial developing studies and planning, in 2 eastern province of Iran (1994-96)
- 23- Master plan studies and designing for South East Khorasan (1989)

Teaching Experience

- 1- Fundamental of Physics in Remote Sensing M Sc
- 2- Microwave Remote Sensing, M Sc
- 3- Remote Sensing Application M Sc
- 4- Fundamental of natural hazard assessment M Sc
- 5- Aerial photo Interpretation, B.Sc
- 6- GIS, M.Sc
- 7- Research Methodology, M.Sc
- 8- Hydrology, M.Sc
- 9- DTM, M.Sc
- 10- SDBMS, M.Sc
- 11- Geomorphological Lab work, M.Sc
- 12- Soil & Land Recourse, M.Sc
- 13- Geology Map Interpretation, B.Sc
- 14- Cartography, B.Sc
- 15- Geology of Iran, B.Sc
- 16- Principal of Remote Sensing, B.Sc

Awards

- 1- Distinguished graduate, Ferdowsi Mashhad University (MSc Degree)

Books / Chapters

Use of InSAR for Monitoring Land Subsidence in Mashhad Subbasin, Iran
 Maryam Dehghani, Mohammad Javad Valadan Zoej, **Mohammad Sharifikia**,
 Iman Entezam, and Sassan Saatchi- Environmental Remote Sensing and Systems
 Analysis - University of Central Florida, Orlando, USA , Chapter 2 “Sensing and
 Monitoring for Land Use Patterns, Reclamation, and Degradation” - CRC press-
 520pp ,link: <http://www.crcpress.com/product/isbn/9781439877432>

Papers in International Journals

- 1- Koohzad Raispour, Mahmood Khosravi, Taghi Tavousi , **MOHAMMAD SHARIFIKIA** (2014) The influence of the polar front jet stream on the formation of dust events in the southwest of Iran- Journal Air Qual Atmos Health-DOI 10.1007/s11869-014-0269-4

- 2- Garg, R.D. and **MOHAMMAD SHARIFIKIA**. (2011). Morphological feature extraction in a part of Garhwal Himalayas using Interferometric SAR. *Journal of Water and land Use Management*, Vol. 11, No. 1 and 2, pp. 82-91.
- 3- Halime Etemadi, Seyedeh Zahra Samadi and **MOHAMMAD SHARIFIKIA** (2013) Uncertainty Analysis of Statistical Downscaling Models Using General Circulation Model Output Over an Arid Region- *Journal of Climate Dynamic-springer* (submitted)
- 4- Halime Etemadi, Seyedeh Zahra Samadi and **MOHAMMAD SHARIFIKIA** (2013) "Statistical Downscaling of Climatic Variables in Shadegan Wetland, Iran" *Open Access Scientific Reports Journal - Volume 1, Issue 11, October 2012 - 1:508. doi:10.4172/ scientificreports.508*
- 5- **MOHAMMAD SHARIFIKIA**, Younes Dehghansoraki, Mohammad Reza Sahabi " The contributions of two frequency (C&L band) SAR data for land subsidence monitoring and displacement components extraction: The example of Marand plain, Iran" – *International Journal of Remote Sensing* (summitted)
- 6- **MOHAMMAD SHARIFIKIA** Environmental challenges and drought hazard assessment of Hamoun Desert Lake in Sistan region -Iran, based on time series of satellite imagery- Springer, Springer, *Journal of Natural hazard – Volume 65, Issue 1, pp 201-217 - January 2013 - DOI : 10.1007/s11069-012-0353-8*
- 7- **MOHAMMAD SHARIFIKIA** Vulnerability Assessment and Earthquake Risk Mapping in Part of North Iran Using Geospatial Techniques- Springer, *Journal of Indian Society of Remote Sensing, Volume 38, Number 4, 708-716, February 2011 - DOI: 10.1007/s12524-011-0083-5*
- 8- Mehrnoosh Jadda, Helmi Z. M. Shafri, Shattri B. Mansor, **Mohammad Sharifikia**, Saeid Pirasteh, " Landslide Susceptibility Evaluation and Factor Effect Analysis Using Probabilistic-Frequency Ratio Model" *European Journal of Scientific Research, ISSN 1450-216X Vol.33 No.4 (2009), pp.654-668*
- 9- **Sharifikia, M.** Dubey, CS Sharma, BK Chaudhury, M. Champatiray, PK , 'Mapping of Fault Rupture of the 28 May 2004 Iran Earthquake (M = 6.2)', *Journal of Indian Society of Remote Sensing, Vol. No .4, No. Vol 34(2006) pp. 180*
- 10- **Mohammad Sharifikia**, 'Space Science and Information Technology in India', *Name-ye-Elmi, Vol. 1, No. 18-17,(2005) pp. 98*

- 11- **Mohammad Sharifikia**, 'Introduction to Indian organization and research center', *Name-ye-Elmi*, Vol. 1, No. 17-18(2005), pp. 98
- 12- **Mohammad Sharifikia**, Kafi, M, 'High education turning in Iran', *Journal of India-Iranica*, Vol. No 1-4, No. Vol 57, (2004)

Papers in National Journals

- 1- **Mohammad Sharifikia**, Zoheah Mozafari (2014) Physical characters extraction of Band-Sar for performance assessment in water resource and soil management, based on Remote Sensing and GIS techniques- *Journal of Arid Region Geographical studies* – (Accepted)
- 2- Seyavosh Shayan, **Mohammad Sharifikia**, Gholam Reza Zaree (2014) Statistical analysis of sediment rate and river flow fluctuation in Mond Catchment applied for environmental planning – *Journal of Applied Geomorphology* – Vol, 1 No 2 : pp 37-50
- 3- Seyavosh Shayan, Mohammad Akbariyan, Mojtaba Yamani, **Mohammad Sharifikia**, Mehran Maghsodi (2014) Sea water hydrodynamic and its effect to costal sand dune formation, a case study of west Mokran Area in south Iran- *Journal of quantitative geomorphological researches*- Vol 2 No 4 : pp 86 104
- 4- Ali Zangiabadi, Rahelah Saniee, **Mohammad Sharifikia** (2014) Air pollution analysis for metropolitan of Tehran – *Journal of Geographical scientific research*- (Accepted)
- 5- Shahram Mohamadzadah, Hassan Sedighi, Gholamreza Pezeshkierad, Majid Makhdom, **Mohammad Sharifikia** (2014) Cultivate Land use change detection and its effect analysis based on orchid farmer opinion over the west side of Ormiyah catchment – *Iranian Journal of Economic and socials study* (Accepted)
- 6- Shahram Rostaie, Mahasa rosta, **Mohammad Sharifikia**, Jamshid Yarahmadi (2014) D-InSAR application for landslide detection and monitoring, a case study of Garmchay area (west Iran) - *Engineering Journal of watershed management* – Vol 5 No 3- pp 180 -198
- 7- **Mohammad Sharifikia**, Abassali Afzali, Syavash Shayan (2013) Extract and assessment of geomorphological phenomena effects due to subsidence on Damghan plain-, *Journal of quantitative geomorphological researches*, (Accepted)
- 8- **Mohammad Sharifikia**, Nemat Mal Amiri Syavash Shayan (2013) Settlement and infrastructure vulnerability assessment due to land subsidence

- Geomorphological hazard in part of South Tehran- *Geography Journal of and Environmental Hazard*, Vol.2 No,5 pp 91-106
- 9- Syavosh Shayan, **Mohammad Sharifikia** Hedyah Dehestani (2012) Morphological change extraction and measurement over the Kashkan River , *Journal of Space Geography – Vol, 13 No 43: pp 191-207*
 - 10- Jaberi Maryam. Shayan Syavsh, Yamani Mojtaba, Ghassemi Mohamad Reza, **Sharifikia Mohammad** (2012) “ The Role of Neotectonics on Geomorphologic Evolution at Structural Boundaries in Southern Alborz- Central Iran (Case study: Hablerud basin) *Journal of Physical Geography Researches*, No 4 (44) PP.98-81
 - 11- **Mohammad Sharifikia**, Nemat Mal Amiri (2012) “ Hirmad River change detection and morphological analysis, *Journal of quantitative geomorphological researches*, No 4, pp:149-160
 - 12- **Mohammad Sharifikia**, Abass Ali Afzali (2012)“Soil salinization assessment and monitoring over Damghan alluvial fan: based on RS technique and flied investigation” *Geography Journal of and Environmental Hazard*, Vol.1, No 3 pp 86-73
 - 13- **Mohammad Sharifikia**, Marziyah Chajee, Parviz Zeyaieyan Firozabady,(2012) Backscatter coefficient execution and analysis over the temporal radar double polarization signal (VV and HH) for wheat crop monitoring ‘ *Journal of Applied Researcher Geographical Science* Vol.13, No 29,pp: 7-25
 - 14- Seyavosh Shayan, Abdolmajied Ahmadi, Mojtaba Yamani, **Mohammad Sharifikia**(2012) Flouviaal Processes Hazards in Persian Gulf Coastal Regions, (Case Study: from Kagan port to Buoshehr port), *Journal of Applied Researches in Geographical Science*, Vol. 12 No , 24 pp 123-138
 - 15- Seyavosh Shayan, **Mohammad Sharifikia**, Gholam Reza Zaree, Sharam Amire (2012) Identified and analyses Geomorphological forms due to Salt Domes Evolution (Case study: Corsia Salt Dome, Darab Region) *Journal of quantitative geomorphological researches*, Vol. 2, pp73-86
 - 16- Seyavosh Shayan, **Mohammad Sharifikia**, Gholam Reza Zaree, Sharam Amire (2012) “Evaluation of Potentials Geomorphotourism of Geomorphologic Landforms (Case study: Corsia Salt Dome, Darab Plain)” *Journal of quantitative geomorphological researches*, No, 2 pp: 73-86
 - 17- Seyavosh Shayan, **Mohammad Sharifikia**, Gholam Reza Zaree Neotectonic, morphoclimatic and anthropogenic agents analyses in Appearance and Genesis of

- alluvial fans(Case study: Garmsar alluvial fan)- Journal of geography and environmental planning,Vol.24, No 50 pp: 75-88
- 18- **Mohammad Sharifikia** (2012) Land subsidence rate and area assessment in Nogh-bahraman plain based on D-InSAR technique, Modares Journal of Spatial Planning, Vol. 16 No 3 pp 55-78
- 19- Seyavosh Shayan, **Mohammad Sharifikia**, Gholam Reza Zaree (2011) ‘ spatial analysis and salinization Geomorphological hazard extraction over the Garmsar alluvial fan, Journal of Arid Region Geographical studies – Vol. 2, No 5 pp 47-58
- 20- Seyavosh Shayan, **Mohammad Sharifikia**, Gholam Reza Zaree, Sharam Amire (2011) “ capacity evaluation of Darab morpho-tourism land forms, Journal of Geographical Spatial Planning, Vol. 2, No 4pp 1-17
- 21- **Mohammad Sharifika** (2011) Land subsidence disaster evaluation over settlement areas of Iran- Journal of Iranian Society of Engineering Geology, Vol. 3 No 3 & 4 pp 43-58
- 22- Syavash Shayan, **Mohammad Sharifikia**, Habib Sakvand (2011)” Liquefaction analysis in Selakhor area, Journal of Applied Geographical Science Research – Vol. 18, No 21, pp. 51-68
- 23- Mahmoud Zaeaei, **Mohammad Sharifikia** , Shanad Banikamli (2011), “Ecological capability evaluation and prioritization of capable zones for the purpose of ecotourism development (A case study of Minoodasht area)”, Madres Journal of spatial planning- Vol. 15, No 4, pp109-128
- 24- **Mohammad Sharifikia**, Monirah Motamedi, Syavosh Shayan (2011), “Geomorphological hazards assessment and mapping over the urban area of Mahneshan”, Journal of Applied Researches in Geographical Science - Vol, 13, No 16 pp 105-126
- 25- Syavash Shayan, **Mohammad Sharifikia**, Golamreza Zare, Shahram Amire” (2011), Neotectonic activities evaluation based on geomorphology factors in Paskhan watershed”- Journal of Geographical Spatial Planning –Vol, 1 No 1 pp 37-52
- 26- Syavash Shayan, **Mohammad Sharifikia**, Golamreza Zare (2011), Geomorphotourism capability evaluation of land forms in Darab area – based on Poralonk Method- Journal of Arid Region Geographical Studies - Vol. 1, No 2 pp 73-91

- 27- Syavash Shayan, **Mohammad Sharifikia**, Habib Sakvand (2011)" relevance assessment between fault length, magnitude, deformation areas and displacements in Selakhor area, *Madres Journal of spatial planning*, Vol, 15 - No 2
- 28- **Mohammad Sharifikia**, Syavash Shayan, Shahram Amire (2011)" Geo-Hazard vulnerability assessment of rural settlements in Valasht Area *Madres Journal of spatial planning*, Vol, 15 - No 1,
- 29- Abass Alimohamadi, **Mohammad Sharifikia**, Hojatalah Mahbobi (2011)" Fuzzy logic modeling for epithermal gold mineral mapping in Takab area" *Madres Journal of spatial planning*, Vol, 14 - No 4, P- 251 -272
- 30- **Mohammad Sharifikia** (2010)"Water level change monitoring of Hamun Lake based on time series analysis of satellites images" *Madres Journal of spatial planning*, Vol, 14 - No 3, P- 155-176
- 31- **Mohammad Sharifikia**,(2008) 'introduction to Space science and technology in India ', *Nasime Bamdad*, Vol. 1, No. 3-4, pp. 180
- 32- Ebrahimzadah, E. **Sharifikia, M.** , 'disperse rural planning and reorganization A case study Khorien area in eastern Iran', *Journal of Geography and Development*, Vol. 1, No. Vol.1,(2002) pp. 160
- 33- **Mohammad Sharifikia**, (1998) 'Masolah's Flood, is Environmental reflection ', *Maskan*, Vol. 12, No. 12, pp. 120

Refereed National Conference Proceedings

- 1- Myasam Niktam, Roshanak Darvishzadah , **Mohammad Sharifikia** (2013) Hyperspectral data analysis for local spectral signature extirpation over the Sarchshmah Copper mine – Geomatics 2013, Tehran – April 2013
- 2- **Mohammad Sharifikia** (2012) Border wall counteraction and it's challenges from Remotely Sensing Systems – Notational conference of Border Cities security challenges , USB – zahdan Iran (2012)
- 3- **Mohammad Sharifikia** , Mysam Niktam, vulnerability assessment of land subsidence hazard in South Tehran, spatial hazard analysis of Tehran national conference (2011)
- 4- **Mohammad Sharifikia**" Environmental challenges of Hamoun Hydrological changes in Sisatan area , First national conference of Geography and national Develop and security, Emam Hossan University, Teran Iran (2009)

- 5- **Mohammad Sharifikia**, 'Landslide assessment and mapping in part of North Iran ', 2th national conference of Geohazard, Tehran University , Iran , pp. 300 (2007)
- 6- **Mohammad Sharifikia**, “Marble mining capability of South Khorasan “ South Khorasan Mining Development Conference, Ministry of Mining and industries , 2000, Iran
- 7- **Mohammad Sharifikia**, ‘Masolah Flood, How and why?, Masolah Flood seminar, National Disaster research Institute, Iran (1998)
- 8- **Mohammad Sharifikia**, 'Distributed and small village reorganization, applicable method ', National seminar of rural settlement improvement , Ministry of Jihad , Iran.(1997)
- 9- **Mohammad Sharifikia** , 'Communion method for mining developing ', National Mining seminar , Ministry of Mining , Iran (1996)
- 10- **Mohammad Sharifikia**, 'Regional planning for South Khorasan Developing ', Regional seminar for regional planning in Khorasan , University of Mashhad, Iran (1995)

Refereed International Conference Proceedings

- 1- **Mohammad Sharifikia** “Drought assessment of Hamoun Lake and it’s surrounded area in Sistan region – Iran, international workshop on ,Drought monitoring, Assessing and planning under the climate change – Beijing – June 2012
- 2- **Mohammad Sharifikia** , AliAsghar Torahi “*Evaluation of Hype pectoral data for discrimination of forest tree species*” MRSS 6th international remote sensing & GIS conference, Malaya 2010
- 3- **Mohammad Sharifikia** “*Morphology feature extraction in part of Grwal Himalaya using interferometric SAR*” MRSS 6th international remote sensing & GIS conference, Malaya 2010
- 4- **Mohammad Sharifikia** “*Earthquake Land Surface Deformation Analysis Bases on Remote. Sensing Techniques*” 4th International congress of Islamic .world Geographer (ICIWC)- 2010
- 5- **Mohammad Sharifikia** “*Transportation and geopolitical role of SBP in new economic strategies of Persian Gulf Countries*” -4th International congress of Islamic. World Geographer (ICIWC)- 2010
- 6- **Mohammad Sharifikia** “*Time series satellite imagery analysis for drought hazard assessment and environmental challenges of Hamoun Desert Lake in Sistan region –Iran “ VII Symposium: 100 Years ISPRS - Advancing Remote Sensing Science, 2010, Vienna*
- 7- **Mohammad Sharifikia** “*Fault rupture Identification in Recent Satellite Imagery*” , Second international conference on , Geo-information Technology for Natural Disaster, Thailand, 2009
- 8- **Mohammad Sharifikia** “*Earthquake risk assessment and mapping in part of Central Alborz, Iran bases on RS & GIS techniques*” India Disaster Management Congress, 2009
- 9- **Mohammad Sharifikia** “*Geohazard Mapping in Part of Southern Caspian Sea Iran Bases on Remote Sensing & GIS Techniques*” Map would forum,, India 2009

- 10- **Mohammad Sharifikia** “ *Landslide hazard zonation in hilly area of south Caspian Sea , Iran – based on Rs & GIS tools* “ Map India 2008, Noida , India
- 11- **Mohammad Sharifikia** "*Identification a fault rupture of Iran 28 May 2004 earthquake with resent satellite images*" – Indian IGC National conference – 2005, Delhi-India
- 12- **Mohammad Sharifikia** *India & opportunities in study RS& GIS science* "- fifth annual seminar of Iranian student in India -2006 – Chandigarh- India

Supervised / Advised Students

PhD Thesis Supervisor

No	Student Name	Thesis title	Submitted Year
1	Halimah Etemadi	Critical Air Pollution: Management and Planning (A Case Study of Tehran)	2014

PhD Thesis advisor

No	Student Name	Thesis title	Submitted Year
1	Rahelah Sanieei	Critical Air Pollution: Management and Planning (A Case Study of Tehran)	
2	Korosh shervani	Landslide inventory mapping and risk assessment in Dena area using RDAR data	2012
3	Sharam Mohammadzadah	Cultivation modeling for sustainability agriculture land use in West Ormiyah Lake	2014
4	Maryam Jabri	Neotectonics on Geomorphologic Evolution at Structural Boundaries in Southern Alborz- Central Iran (Case study: Habblerud basin)	2013
5	Nematalah Karime	Climate change detection and analysis over the Glassier area	2014
6	Jamshid Yarahmadi	Detection and monitoring of landslides based on InSAR technique and estimation of their sedimentation by WEPP model- Case study: Garm Chay basin	2013
7	Gholam Reza Zare	Dynamic evaluation of sea and cost land interaction in deltas morphology	
8	Mohammad Akbarian	Analysis of Coastal plain Sand Masses Morphogenesis and their Temporal	

		variations (Case study: Western coast of Makran)	
9	Sayedahzahra Norbakhsh	Spatial analyze of wind landform behavior based on Fractal theory- case study Ardestan Desert	

MSC Student Supervised

No	Student Name	Thesis title	Year
1	Monire Motamedinia	Geomorphological hazards assessment and mapping over the urban area (A case study of Mahneshan City – NW Iran)	2009
2	Sharam Amiri	Geo-Hazard vulnerability assessment of rural settlements in Valasht Area	2009
3	Yunes Dehghan Sorakie	D-InSAR technique applied for land subsidence assessments in Marand area	2010
4	Ayat Karime	Geomorphological analysis for Javanroud Urban developments	2011
5	Marzieh Chajee	Optical and RADAR data fusion for wheat productivity estimated	2011
6	Sadegh yavari Asle	Optical and RDAR DEM generations and fusion for accuracy assessment	2011
7	Nenat MalAmiri	Land subsidence vulnerability analysis over the residential area of South Tehran	2012
8	Abassali Afzali	Land subsidence morphology feature extraction in Damghan area	2012
9	Hassan Karime	Evaluation of spectral remote sensing techniques for alteration extraction reference to mineral exploitation	2013
10	Abdolah Badraghi	Soil Salinization Modeling	2013

MSC Student Advised

No	Student Name	Thesis title	Year
1	Hojatalah Mahbobi	Fuzzy logic modeling for epithermal gold mapping in Takab area	2008
2	Abdolmajed Ahmadi	Fluvial hazard study in Southern Costal of Iran	2009
3	Habiab sakvand	Geomorphological analysis for earthquake risk assessment in Selakhor area	2009
4	Reza Zare	Geo hazard assessment and management over	2009

		the Garmsar alluvial fan	
5	Hassan Kosha	High resolution and Hyperspectral data fusion for classification accuracy increasing	2010
6	Faezeh Ghorbannezhad	Modeling of the influences of grid size in distribution of erosion classes by a fuzzy-based soil erosion model (case study: Latyan watershed)	2009
7	Abassali Noori	Fuzzy Topsiss evaluation for gold mining in Tarom area	2009
8	Sahand Banikamali	Ecological Capability Evaluation and Prioritization of Capable Zones for the Purpose of Ecotourism Development, A case study of Minoodasht area	2009
9	Ahmad Malek Nejad	Analysis of Vegetation-Impervious Surface-Soil (V-I-S) Model Components in Urban Composition using Sub-Pixel Methods on Hyperspectral Images in Southern Regions of Tehran,Iran	2009
10	Naser Taghizadh	Capability assessment of anisotropic pattern for forest change detection in Zakoros Area using MISR data	2010
11	Javad Fathinea	Forest fire Hazard zonation in west Mazandarn using RS & GIS	2011
12	Hedyah Dehestani	Evaluation of geomorphology effect of river sand mining in Kashkan	2012
13	Zohrah Mozafari	MODIS data evaluation and modeling of epidemics prediction	2012
14	Masam Niktam	Silicate and ore minerals exploration base on hyper spectral data	2013
15	Elaha Khaksar	Radar Interfrometry for Land slide mapping and evaluation its effect in sediment yield	2014
16	Kamal Jokar	Multi sensor time series analysis for land salinity monitoring over the Ormiyah drying Lake	2014
17	Abdolah Badraghi	Salinity Modeling over the Garmsar Plane using RS	2013
18	Hassan Karimi Baronaghi	Evaluation of spectral analysis technique of satellite images for metamorphic zone	2013
19	Nassrin Mohammadi sabey	Landslide models developing based on factor extraction from radar imaging	
20	Aminah Mohammadi	High frequency microwave signal capability evaluation for shoreline dynamic detection and environmental hazard analysis	
21	Mojtaba Rafieyan	Low frequency microwave radar signal penetration capability evaluation for land	

		slide detection over the dense forest area of south Sari	
21	Aoghlakht Vali	shoreline dynamic analysis in eastern part of Caspian Sea based on RS techniques	

Memberships in Societies

- 1- Life member of Indian Society of Remote Sensing
- 2- Member of Iranian Society of Geomorphology

Editorial Board of Journals

- 1- Geography and Development, Iran
- 2- Modares Journal of Spatial planning, Iran
- 3- Journal of Geology and Mining Research, UK
- 4- Caspian Journal of Environmental Sciences, Iran
- 5- International Geoinformatics Research and Development Journal – Malaysia

Didactic Terms

- 1- PGD in RS & GIS (CSSTEAP) Oct 2005 - July 2006 - India
- 2- LiDAR School (IIT Kanpur) Mar 2008- April 2008 - India
- 3- SAR data processing course (SARMAP) Aug 2010 – Sep 2010 - Switzerland