

Behzad Zamani G.

Ph.D.

Curriculum vitae

PROFILE

Focused expert in tectonics, Geohazards, Neo-tectonic stress, Morphotectonics, Faults and water exploration in hard rocks, specializing in Geophysical explorations, fault studies, hydrogeology and tectonic modeling, Geotechnical and engineering geological problems in relation with faults and joints. Professional experience gained during different research and engineering job positions in France and Iran in multinational working environments, giving lectures and supervising students in the field of tectonics and geology, Geophysical exploration studies, and implementing research projects using professional software and data analysis skills. For me, the attraction of this type of work is that, in my experience, every project provides new insight into the functioning of the Geology.

WORK EXPERIENCE

01/2023–present **Invited Visiting Professor**

- Ecole et Observatoire des Sciences de la Terre, University of Strasbourg,
- CNRS.

03/2008–present **Associate Professor**

Department of Earth sciences, Natural sciences college of university of Tabriz.

- Associate professor
- Giving lectures of Seismotectonics, Application of the Geophysics explorations in environmental geology, Geotectonics, Morphotectonics, Neotectonics, Advanced structural Geology 1 and 2, Remote sensing in Geology, (PhD/master's/bachelor's to be written)
- Supervised one PhD dissertations, 23 master's theses
- Head of the Geo-hazard group of the Basic Sciences research center of University of Tabriz (since 2010).
- Lunch manager and director of the Observatory of the Geophysics and earthquake precursors of the central laboratory of University of Tabriz (since 2013).
- Exploration Geophysics expert in water well positioning Observatory of the Geophysics and earthquake precursors of the central laboratory of University of Tabriz (since 2008) and project manager of over 200 water exploration and well positioning projects by geophysics.
- Director of Tectonic group in department of Earth sciences in Tabriz University, since Sep. 2007.
- Assistant of the director of the department of Earth sciences of university of Tabriz, 2012-2014.
- Director of the Journal of Tectonics and structures in University of Tabriz.
- Head of Geophysics division, of the Abyab-Zamin (Water-Exploration) consulting engineers, (since 2008)

03/2000-06/2012 **Geology/engineering-Geologist and Tectono-Hydrogeologist.**

Mahab consulting engineers, No. 17, Tekhrestan, Zafar, Tehran, Iran.

- Reference expert of Geophysics and Geotechnical projects in the company
- Engineering Geologist in Gavoshan Dam and tunnel project, (1998-2001).
- Head of Geotechnical division of Gavoshan project dam and tunnel site, Iran, 1999-2001.
- Engineering Geologist and Rock mechanic Expert, (2001-2005), Tavan Ab Cons. Eng.
- Geologist in Water exploration projects for rural areas in (Gavoshan) tunnel line (for 9 villages, 1998-2001).
- Designer of Azad tunnel (60 Km) in West of Iran, Geotechnical and Engineering Geologist (2005-2008). Study and planned the tunnel in Karst systems.
- Geotechnical designer of Azad conveyance system Channels (13 Km) in West of Iran, Geotechnical and Engineering Geologist (2005-2008).
- Master consultant of Roudbar dam project, 2008.
- Master consultant of Noursod tunnel (part-2) project management system, 2007-2008. Study, management and planned the tunnel boring in Karst systems.

01/2005-2008 **Research Assistant**

GeoAzur Laboratory, University of Pierre et Marie Curie, Sur Mer, Porte de la Darse (Seismotectonic and Geophysics studies), Nice, France.

- Work with Prof. Jacques Angelier to Focal mechanisms Analysis and phase analysis and validation.
- Stress analysis of focal mechanisms of Earthquakes and modeling projects in terms of tectonic stress changes using tectonic phase analysis.

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pages/default.aspx?b.zamani](https://asatid.tabrizu.ac.ir/en/pages/default.aspx?b.zamani)

Date of Birth: 21.01.1976

- Visualized and validated the results of stress analysis for crust of Iran.
- Collaborated with deep marine exploration geophysics experts to validate and compare the model results with observations.
- Worked with High Performance Computers (HPC) and special soft wares such as INVGLI and DINGLI for stress direct analysis and separation analysis, that has written by Prof. Angelier.

09/2009-09/precent **Water Resources Engineer, Engineering geologist and Project manager**

Abyab Zamnin Co., No. 34, Ladan, Koy Firoz-noo, Tabriz (Iran)

- Leded the projects in the field of water supply and water exploration (up to 50 projects).
 - Field work in water supply projects and hydro-geophysical surveys
 - Field work in Geotechnical and engineering geology projects that had problems by under-water, troubleshooting and hydro-geophysical surveys them.
- Monitored projects process, budget and schedules
- Prepared and coordinated project reports

06/2001-06/2005 **Project Assistant, Rock Mechanics and engineering Geologist(Part-time)**

Tavanab Consulting Engineers Co., Teheran and site projects (Iran)

- Tavanab Consulting Engineers Co., Tehran (Iran)
- In-situ project assessment and supervision
- Wrote and prepared project reports
- Collaborated with the clients and organizations involved in the project
- Coordinated project meetings and In-situ works and performed site work

EDUCATION

01/2002-06/2008 **Ph.D. in Geology, Tectonics**

University of Shiraz and Pierre et Marie Curie, France.

Dissertation: " Study of tectonic stress state of crust of Iran "

09/1998-05/2000 **M.Sc. in Geology, Tectonics**

University of Tabriz, Tabriz (Iran)

Thesis: Seismo-tectonic study of Gavoshan national dam and tunnel project, (remote sensing, GIS, earthquake risk analysis and risk zoning).

09/1993-08/1997 **B.Sc. in Geology**

University of Tabriz, Tabriz (Iran)

PERSONAL SKILLS

Language skills English, Excellent proficiency in reading and writing
 France, Medium
 Turkish, Fluent
 Persian, Azerbaijani (Native languages)

IT and modeling skills

- Technical software: Dips, Stereo, Faultkin, Tectonicfp, ArcGIS, AutoCAD, Winsurf
- Programming: MATLAB (good)
- Geophysics software: IPI2WIN, SISANG, R2dinv, Msev6, Imagerpro
- General software: proficient in MS Office suit, Corel Draw

Communication skills

- Proficient in English and French
- People management skills gained through the experience as Project management in Geophysical projects.
- Experienced in giving university lectures, undergraduate: Structural Geology, Seismotectonics, Applied structural geology, Remote sensing, Applications of Remote sensing in geology. Graduate: Seismotectonics, Tectonics, Geotectonic, Neotectonics, Applications of the Rock Mechanics in Tectonics, Applications of the Geophysical explorations in environmental Geology Ph.D.: Salt-Diapers.

Conferences
(chaired sessions
and presentations) and
Conference Proceedings

- Supervising undergraduate, graduate and Ph.D. up to 32 students at the University of Tabriz.
- Organizing international meetings: organizing and running the 11th Symposium of geological society of Iran, 2011, Stress in the crust meeting in the GeoAure, 2004, at the University of Pierre et Marie Curie, France.
- Zamani G. Behzad, MolaRasoli P., 2010, Introduces of Nahand Fault and fault segmentation by applying the stress state analyzing in fault segments, 14th, Iranian Geological Society symposium, Urmieh, Iran, (in Farsi).
- Zamani G. Behzad, Roostai M., 2010, Reconstruction and separation of the tectonic stress regimes in Siah Cheshmeh- Khoy fault zone, 14th Iranian Geological Society symposium, Urmieh, Iran, (in Farsi).
- - Zamani G. Behzad, Sharifi, R., 2010, Introduce of South Ahar thrust and study of tectonic stress state of the fault zone, 14th Iranian Geological Society symposium, Urmieh, Iran, (in Farsi).
- Zamani G. Behzad, 2010, Zoning of fine grain and debris flow sedimentary sources in North Of Tehran (Southern Alborz), Conference of Flow control, Tarbiat Moddars University, Tehran, Iran.
- Zamani G. Behzad, Study of Neotectonical movements in Sanandaj-Sirjan zone with clustering of tunnel monitoring and GPS data, 7th conference of consulting engineers, Tehran 2004. (In Farsi).
- Zamani G. Behzad, 2003, Value engineering in Gavoshan tunnel lining (with analyzing tunnel monitoring data, Rock mass classification and numerical modeling) 6th. International Civil engineering conference, Engineering College of Isfahan U., Iran, Isfahan (in Farsi). Zamani G. Behzad and Gorgani., G., 2003, Classification of drilling methods with rock mass quality and RMR, 6th conference of consulting engineers, Tehran. (In Farsi).
- Zamani G. Behzad, 2002, Study of active Tectonics in Gavoshan dam site with tunnel monitoring and GPS data, 5th Iranian geological Society symposium, Iran, Tehran U. (in Farsi).
- Zamani G. Behzad, Fatehi A., 2002, Open-TBM of Gavoshan tunnel and relation of its boring data with tunnel rock mass classification parameters (RMR, Q), 5th. International "Iran tunnel 80", conference, engineering college of Tehran U, Iran, Tehran (in Farsi).
- Zamani G. Behzad, 2001, Introduction of open-TBM of Gavoshan tunnel and relation of its boring data with tunnel rock mass classification parameters (RMR, Q), 4th. Iranian geological Society symposium, Iran, Tabriz U. (in Farsi)
- Zamani G. Behzad, 2001, Processing and description of iso-acceleration (seismotectonical) maps, 4th. Iranian geophysical conference, Iran, Tehran U. (in Farsi)
- Zamani G. Behzad, 2000, Iso-acceleration maps and related computer soft wares, 3d. Iranian geological society symposium, Iran, Shiraz U. (in Farsi)
- Zamani G. Behzad, Recent Tectonic model of East (Iranian) Azerbaijan, Balkan Geophysics society, Budapest, Hungary, 2011.
- Soleymani S., Zamani G. Behzad and Pashazade, A., 2013, Segmentation of the Tabriz fault by clustering of the earthquakes data and data mining. International semposiuom of the instructions in active fault zones, Tabriz, Iran. (in Farsi)
- Nahid sahabifard, Yasaghi Ali, Zamani G. Behzad, 2012, Structural analysis of the southern segments of Karehbas transverse fault zone in the south of Firuzabad, Zagros fold-thrust belt, Iranian geological Society symposium, Iran, Tehran University. (in Farsi).
- Karimi Yahya and Zamani G. Behzad, 2013, Analogue modeling of the Bozgosh fold and Thrust Belt In the NW of Iran, 14 conference of Geosciences, Iran, Tabriz.
- Kheyri Ali, Zamani G. Behzad, and Balafar Ali, 2014, prediction of Tabriz earthquakes magnitude by polynomial regression method, 1st conference of information technology, Tabriz, Iran.

- Kheyri Ali, Zamani G. Behzad, and Balafar Ali, 2014, Using the k-nearest neighbor method to prediction of time parameter of earthquakes, 1st conference of information technology, Tabriz, Iran.
- Jafari Ali, Hasanpour Mohammad, and Zamani G. Behzad, 2013, introduction to the Aras Fault and it's stress state, 1st congress of Geosciences, Tabriz, Iran.
- Hamidi Hamed and Zamani G. Behzad, 2014, 2 years experience of Van network, in NW of Iran, for recording the earthquake precursors, symposium of City development, Tabriz, Iran.
- Hamidi Hamed and Zamani G. Behzad, 2014, Successful prediction of earthquakes of NW Iran, by VAN method, Applied Geology symposium, University of Mashhad, 2015.
- Zamani G. Behzad, and Hamidi Hamed, 2015, First Van network in Middle east, In the NW of Iran, for recording the earthquake precursors, symposium of crisis management, Tehran, Iran.
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- 41-Sharifi Somaye, Zamani G. Behzad and Pashazade, A., 2013, Segmentation of the Tabriz fault by artificial intelligence of the earthquake data and data mining. International semposiuom of the instructions in active fault zones, Tabriz, Iran. (in Farsi)
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- Nouri Ahad, and Zamani G. Behzad, 2013, Tabriz fault segmentation by remote sensing and field data, conference Geosciences, Kerman, Iran.
- Rostami Sajjad, and Zamani G. Behzad, Geohazard of seismic risks in three main segments of North Tabriz fault, symposium of City development, Tabriz, Iran.
- koğlu, Ahmet M. ; Jónsson, Sigurjón ; Çakır, Ziyadin ; Zamani G., Behzad ; Karimzadeh, Wang, Teng ; Feng, Guangcai ,
- InSar analysis of the coseismic deformation of the August 1th, 2012 Ahar-Varzeghan (NW Iran) earthquakes (Mw 6.4 and 6.3) Geophysical Research Abstracts-EGU2014-15562

Memberships

- European Geosciences Union (EGU), since 2005
- Member of Iranian Geology Society
- Member of Iranian Tectonics Society
- Member of East Azarbaijan Mining Engineers organization

Membership in editorial board of journals

- International Association GeolCT Journal, http://igrdg.com/Editorial_Board.php (Canada)
- Journal of Tectonics and Structures, www.Tectonics.vcp.ir (Iran)
- Journal of Society of Tectonics (Iran).
- Journal of GPI (Asia publications).
- Journal of world Geosciences and Geometric

Reviewing for Journals

Reviewed papers for the journals: Journal of Structural Geology, Journal of Geodynamics, Tectonics, Engineering Geology, Iranian Journal of Geosciences, Tectonics and structures, Remote sensing, Journal of Geophysical society.

Publications

Refereed Journal Publications

- Zamani G., Behzad, 2023, Geodynamics and tectonic stress model for Zagros fold-thrust belt and classification of tectonic stress regimes, Journal of Marine and Petroleum geology, 155, 106340.
- ‡ Zamani G., Behzad, Sepideh Pajang, Ali Kadkhodai, 2023, Structural interpretation of newly identified salt domes and potentials traps in the Strait of Hormuz, Persian Gulf: integration of well and seismic data, , Journal of Marine and Petroleum geology, under review.
- ‡ Zamani G., Behzad, and Fredric Masson, 2014, Recent Tectonics of East (Iranian) Azerbaijan from stress state reconstructions, Tectonophysics, 611, 61-82.
- Zamani G. Behzad, Angelier, Jacques and Zamani Ahmad , 2008, State of stress induced by plate convergence and stress partitioning in the NE of Iran region, as indicated by focal mechanisms of earthquake, Journal Of Geodynamics, 45, 120-132.
- Zamani G., Behzad, 2022, Study of the potential of permeability of the faults as a canal for

transport of the Environmental pollutants, by Geophysical methods, , case study the Zailic mine, accepted to publish in journal of Journal of researches in earth sciences, Earth. Doi:10.52547/ESRJ.2022.224683.1083

- Zamani G. Behzad, 2011, State of stress in the northern Tabas block, east-central Iran, as inferred from focal mechanisms of the 1978 Tabas earthquake sequence. Central European Journal of Geosciences, 3(1), 77-89, Springer

- Zamani G. Behzad, 2017, Experimental tectonic modelling of East (Iranian) Azerbaijan, inferred from stress pattern. Model. Earth Syst. Environ. 3, 605–613, DOI 10.1007/s40808-017-0321-0

- Zamani G. Behzad, 2017, Finite element Modeling of Tectonic stress field of Iran, based on geodetic and seismic data. Acta Geodyn. Geomater., Vol. 14, No. 4 (188), 389–398 2017, DOI: 10.13168/AGG.2017.0020

- Zamani G. Behzad, State of Stress and Fault movement potential of North Tabriz fault's segments. Tectonophysics, under review.

- Zamani G. Behzad, and Hamed Hamidi, Earthquake prediction by VAN method in NW Iran, EPSL, under review.

-Zamani G. Behzad, Tectonic model of E-Azerbaijan (north of Tabriz, south of Aras fault) 2011, Journal of Geosciences, 2013, no. 87, p. 41-50.

- Zamani G., Behzad, Hamed Mosavi, 2019, Geometric interpretation of Faults and surface fractures of Siyah Makan oil field by Remote Sensing Techniques and Landsat8 Thermal data, Iranian Journal of remote sensing and GIS, No. 3, Vol. 11, pp. 97-114.

- Zamani G., Behzad, Kamran Bakhti, Mohamad Hasanpour, 2019, Examining the time of earthquake occurrence with the help of natural time analysis for the 5.5 magnitude earthquake of the Republic of Azerbaijan, Journal of researches in earth sciences, 11, No. 4.

- Zamani G., Behzad, Hamed Mosavi, 2019, Study of Bibi Hakimeh oilfield using remote sensing and FMI data and comparing fracture densities in surface and depth of field. Accepted in journal of Oil researches, in press.

-Zahra hanifi, Behzad Zamani, Ebrahim Asghari-Kaljahi Asghari-Kaljahi, 2018, Crustal isostatic rebound in the lake Urmia area due to its desiccation, Journal of researches in earth sciences, 12, 47, Doi: 10.52547/ESRJ.12.3.58

-Behzad Zamani G., Zahra hanifi, , Ebrahim Asghari-Kaljahi Asghari-Kaljahi, 2019, Induced earthquakes due to the loss of Urmia Lake water, journal of Teconics, Vol. 8.

- Zamani G., Behzad, Zahmati, Bagher, Mohamad Hasanpour, Rasol Seyfi, Khosrow Zamani, 2018, Identification of the crushed fault zones, by calculating fracture density with geophysical data for water exploration in hard formations (case study Aghligan, Azad University-Kermanshah, Khomarlou city projects) , journal of Teconics, Vol. 7.

Hemmati, Fariba, Zamani G., Behzad, Mokhtari Davood, Rostai Shahram, 2017, Research of the Seismic potential of Benaravan fault with deterministic and Probabilistic methods, Journal Of Geographic researches, .p. 69-85, No. 127

Hemmati, Fariba, Zamani G., Behzad, Mokhtari Davood, Rostai Shahram, 2018, Determining the sensitivity of occurrence of domain instabilities around Benaravan fault using logistic regression model, Journal of Geographic space p. 151-169, 19, No. 65.

- Zamani G., Behzad and Zamani Ahmad, New Seismotectonic Aspects of East-Central Iran, Journal of world Applied science, 8(3), 309-314.

- Zamani G. Behzad, 2013, Tectonics of the Khaje salt diapir, Journal of Geosciences, Vol. 24, No. 94, P21-35.

-Zamani G. Behzad, 2013, Stress State Study of Siah Cheshmeh-Khoy Fault Zone (NW-Iran) and Using Stress Separation Method in Separation of Neotectonic Stresses from Paleostresses, Journal of Geosciences, Vol. 23, No. 89, P.75-88.

- Zamani G. Behzad, Kiyanizade N., Parhizgari A., State of stress in Zagros fold-thrust belt (by focal mechanisms of earthquakes), 2014, Journal of Geosciences, No. 95, p. 219-230.

- Zamani G. Behzad and Saadat far, Ehsan, 2015, study of the deformation in Goshadagh

range, by GPS data, Stress data analysis and Radar interferometry technics, accepted, to publish in journal of Earth and planetary physics.

- Zamani G. Behzad, Karimi Yahya, Seismotectonics and Stress state of the West Alborz (North of Iran) by focal mechanisms of earthquakes, accepted to publish in (Iranian) Journal of Geodynamics, 2014.

- Zamani G. Behzad, Nouri Ahad, Moayyed Mohsen, 2015, Fault segmentation by remote sensing analysis and FMP analysis of the North Tabriz fault, journal of Geosciences, Vol. 24, No. 95.

- Saadat far Farzin, Dehghani, Zamani G. Behzad, Radar data analysis to evaluate the pre-seismic displacements of the Ahar-Varzeghan fault 2012 Eq., No. 2, p. 11-20.

-Pajang Sepide, Zamani G. Behzad, Kadkhodai Ali and Bargrizan Mahmoud, Research of the salt diapirs in Persian Gulf, by Geophysical (seismic) methods, 2014, accepted, to publish in Journal of National Iranian oil company.

-Rostayi, Masomeh, Rostayi Maryam, Zamani G. Behzad, and Nemati, Ali, Tectonic stress and Kinematic model for Gorgan basin, accepted to publish in Journal of Geosciences, 2015.

- Zamani G. Behzad, and Razieh Sharifi, 2012, Structural study and tectonics stress analysis in the Southern Ahar fault zone, journal of Tectonics and structures, No. 1,56-66.

- Babak Samani and Zamani G. Behzad, 2012, Bed rock depth determination with geoelectrical explorations in the Tange Gazla subsurface dam location, NW Fars, journal of Tectonics and structures, No. 2,26-41.

-Pajang, Sepide and Zamani G. Behzad, 2012, Seismotectonic study and seismic risk analysis in the Ozan River Basin, North West of Iran, journal of Tectonics and structures, No. 2,77-102.

-Ziba Hoseyni, Somaye Sharifi, Zamani G. Behzad, 2013, Application of artificial neural network, nonlinear regression and hybrid genetic algorithm-K-means clustering for estimation of earthquake magnitude, journal of Tectonics and structures, No. 2,21-45.

Books: -Zamani G., Behzad, Tectonic of E-Azerbaijan Plateau as indicated by stress analysis-Modeling in plate tectonics, 2016, Lambert academic publishing (English).

- Zamani G., Behzad, and Mansourfar, Basis of Structural Geology, 2017 p. 212, Iltak publishing. (In Farsi) first and second edition.

- Zamani G., Behzad, Translation of "Structural Geology" Hoakan Fossen, to Farsi, in press.

- Zamani G., Behzad, Stress state in Lithosphere of Iran, (English), in press.

Third-party funding Reports and

[a: In water exploration Geophysics subject:](#)

Up to 265 Applied-Scientific Reports have written that mainly as follow:

-Water exploration in faults and hard rock formations for Khomarlou city in the NW-Iran by geophysical methods, 2017, Survey of water resources of Iran.

-Water exploration in faults and hard rock formations for Boukan city in SW of the West-Azerbaijan by geophysical methods, 2016, Survey of water resources of Iran.

-Water exploration in faults and hard rock formations for Zonoz city in the NW-Iran by geophysical methods, 2021, Survey of water resources of Iran.

-Water exploration in faults and soft rock formations for Gare-Aghaj city in the NW-Iran by geophysical methods, 2015, Survey of water resources of Iran.

-Water exploration in faults and hard rock formations for Khosro-shahr city in the NW-Iran by geophysical methods, 2021, Survey of water resources of Iran.

-Water exploration in faults and hard rock formations for Abish-Ahmad city in the NW-Iran by geophysical methods, 2019, Survey of water resources of Iran.

-Water exploration in faults and hard rock formations for Hadi-shahr city in the NW-Iran by geophysical methods, 2017, Survey of water resources of Iran.

-Water exploration in faults and hard rock formations for Jolfa city in the NW-Iran by geophysical methods, 2018, Survey of water resources of Iran.

-Water exploration in soft rock formations for Jafar-Abad village in Moghan in the NW-Iran by geophysical methods, 2019, Survey of water resources of Iran.

-Water exploration in faults and hard rock formations for Ghandilou village in Oskhan province in the NW-Iran by geophysical methods, 2013, Survey of water resources of Iran.

-Water exploration in faults and hard rock formations for Razi Petrochemical complex in Hamadan in the Central-Iran by geophysical methods, 2014, Survey of water resources of Iran.

-Water exploration in faults and hard rock formations for Kermanshah University in city of Kermanshah in the West-Iran by geophysical methods, 2014, Survey of water resources of Iran.

-Water exploration in faults and hard rock formations for Ayabaz Village in Dobayazit province in the NE-Turkey by geophysical methods, 2014, Survey of water resources of Iran.

-Study the Miyane faults to ground water explorations, 2013.

- Neotectonic study and exploration ground water in active fault zones in Agligan-chay (Ardabil region) by Geophysical methods, 2014.

[b: In Engineering geology subject:](#)

-Reports of the Study and mapping the salt regions of the lake of Shahriyar dam, 2010.

-Report of the site selection of the Roudbar (Lorestan) dam, by fault study, 2008.

-Report of the geology and tectonics study and designing of the Azad-Ravansar tunnel (60 Km, in Carstic Lime stones), 2007.

-Report of the Engineering geology, study and designing of the Azad-Ravansar water Channels (11 Km), 2007.

-Report of the as built maps of Gavoshan dam site (21 Km), with emphasis on seismotectonics 2001.

-Report of the as built maps of Gavoshan tunnel (21 km).

-Report of the geology and as built maps of Kachale tunnel (1 km).

-Report of the as built maps of Tvankesh tunnel with emphasis on seismotectonics (2.5 km).

-Report of the geology and as built maps of Haltoshan tunnel (3 km).

-Report of the study the Geohazards of Debris flow in Northern Tehran.

-Report of the Value engineering in clay and rock mines of the Gavoshan Dam projects.

Students under my supervision

1-Engineering geological studies of Shahoo tunnel in the W-Iran, Shojayi, Tarbiat Modarres University, 2008.

2-Study of geological structures in the North of Tabriz Fault , Razieh Sharify, University of Tabriz, 2011

3- Study of structure and emplacement mechanism of Khaje salt diapir in the north east of Tabriz and research its gas storage potential , Mohamad Jalilpour, University of Tabriz, 2011

4- Study of seismotectonic, stress state and fault kinematics in the north of Khoi, Maryam roustaei, University of Tabriz, 2011

5- Study of Nahand fault and its stress state in the North East of Tabriz , Parisa MolaRasoli, University of Tabriz, 2011

- 6- Study of Hydrocarbon potential in Kalagh anticline in Fars province, Nahid Sahabifard, University of Tabriz, 2011. , Project studied for Iranian national Gas Company .
- 7- Ahad Nouri, 2012, Study of the stress state and seismotectonics of the Tabriz fault.
- 8- Somaye Sharifi, 2013, Study of the Seismicity and seismotectonics of the Tabriz fault by artificial intelligence.
- 9- Soleymani, 2013, Study of the Tabriz fault's earthquakes by data mining.
- 10- Ali Jafari, 2013, Study of the Seismotectonics and the stress state of the Aras fault.
- 11- Pajang, Sepide, 2013, Analysis of the developments of the salt diapirs and structures of the Hormoz (Zagros) by Geophysical Seismic data, Project studied for Iranian oil Company .
- 12- Nasrin Kiyani zade, 2014, Numerical modeling of the NW Limb of the Lali Anticline Oil field (in SW of Iran). , Project studied for Iranian oil Company .
- 13- Yahya Karimi, 2014, Tectonics and numerical modeling of the Bozgosht fold and thrust belt (NW Iran).
- 14- Seyfi, Exploration of groundwater in hard formations of the Aglegan basin (Nir-Ardabil province).
- 15- Hamidi Hamed, Feasibility of explore and recording of the electric precursors of earthquakes in the NW of Iran.
- 16- Rostami, Sajjad, 2015, study of North Tabriz fault's major and minor faults, seismicity and risk analysis.
- 17- Hamed Mosavi, Geometric interpretation of Faults and surface fractures of Bibi Hakimeh oilfield using remote sensing data
- 18- Parastoo Maleki, 2019, study of the tectonics of submarine oil-fields of SW-Persian gulf.
- 19- Zahra Hanifi, 2019, Induced earthquakes of Urmieh lake in NW-Iran and Van lake in turkey.
- 20- Ali , Elmi, 2019, Seismotectonics and stress state of the Alborz Mountains by stress analysis.
- 21- Kamran Bakhti, study of Seismotectonics of the Azerbaijan by VAN method.
- 22- Lale Seyed-Hashemi, 2023, Tectonic Sections of the Bozgosht mountain in the West Bostan-Abad and tectonical descriptions.
- 23- Dunya Khaled-Othman, (Forgan student), 2023, Stress analysis of the NW-Zagros in NW-Iraq and SE-Turkey.

Grants and Honors

- 2009, Highest grade for the PhD dissertation and defense
- 2007, 3 months hot paper in scientific papers of Geodynamics
- 2003, PhD research fund, Government of Iran, from University of Tabriz
- 2002, Second Rank student of the national Ph.D. entrance exam
- 2001, First rank student of the M.S. in Geology Department of Tabriz University
- 2001, First rank of the Ph.D. test in Geology Department of Shiraz University