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LANGUAGES

Persian: Native language

English: speak fluently and read/ write with high proficiency

Russia: Speak moderately and read and write well

POSITIONS

Head of Coastal Management Group of Caspian Sea Research study Center, Water Research Institute, Ministry of Energy, (2001-Now)

Academic member of water research institute (2010- Now)

Head of Caspian Sea national research & study center, Water Research Institute, Ministry of Energy, (2008 - 2011)

Senior exploring Geologist, Self-sufficiency Organization (1989-1992)

EDUCATION

Islamic Azad University of Tehran, science and research campus, earth science faculty

[Ph.D. in Geology, Stratigraphy and paleontology][1995-1999]

[Dissertation: Biofacies and biostratigraphy model for Caspian Sea past fluctuation reconstructing]

[Honor: Paleobathymetry of the Caspian Sea in Quaternary period]

Esfahan University, faculty of science, earth science department

[M.A. in Geology, Stratigraphy and paleontology][1993-1995]

[Thesis: Caspian Sea Quaternary Sediments Biostratigraphy and Paleogeography]

[Shahid behshti university of Tehran, earth science faculty]

[B.A. Honor in Geology][1985-1989]

[Area of concentration: petrology, stratigraphy and field geology]

[Minor: plate tectonic]

[Honor thesis: The Geological Study on Damavand volcanism in the Central Part of Alborz Mountain]

AWARDS

Annually selected superior researcher by water research institute, 2009, Ministry of Energy

Annually selected superior researcher by water research institute, 2011, Ministry of Energy

TEACHING EXPERIENCE

Teacher of Mineralogy, (1999- 2000), Islamic Azad university of Ghaemshahr, Mazandaran, Iran

Teacher of Stratigraphy and engineering geology, (2011- 2012), Payamnour university of Mazandaran, Iran

Teacher of Oceanography and no biological indexes of Persian Gulf, (2011- 2012), Tarbiatmodaress University, marine science faculty

Supervisor of M.S. Thesis of Mr. Mohammad Dankooban, (2001), Geotechnical and soil mechanic properties of Caspian Sea southern coasts Mazandaran University, Iran

Supervisor of M.S. Thesis of Mr. Hafez Ghafari, (2002), Localized and Hazard potential degree assessment of contamination resources in Mazandaran province

supervisor of M.S. Thesis of Miss Mansooreh Shahriari, (2003), morphodynamic formation recognition and ordering in the southern coasts of the Caspian Sea, Islamic Azad University, North Tehran branch, Iran

Supervisor of M.S. Thesis of Miss Somayeh Rohanizadeh, (2004), sedimentary and morphodynamic characteristic of the southern coasts of the Caspian Sea, Islamic Azad University of Tehran, science and research campus, Iran

Supervisor of M.S. Thesis of Miss Azadeh Azizjalali, (2005), Beach Hydrodynamic classification of the Caspian Sea by use morphodynamic clues, Islamic Azad University of Tehran, science and research campus, Iran

Supervisor of M.S. Thesis of Miss Maryam Mohammadpour, (2006), Contamination resources and geological pollution Hazard in Haraz River watershed, Shahrood technical University, Iran

Supervisor of M.S. Thesis of Mr. Hamed Nakhjiri, (2009), environmental economic of Miankaleh lagoon, Islamic Azad University of Tehran, science and research campus, Iran

Supervisor of M.S. Thesis of Miss Minoo falakroo, (2010), the surf zone wide calculation in Caspian Sea southern coasts, Tarbiatmodares University, Noor Campus, Mazandaran, Iran

Supervisor of M.S. Thesis of Miss Maryam farhad Bastan, (2010), the deformation of Miankaleh sand spit to Caspian Sea Hydrodynamic, Islamic Azad University of Tehran, science and research campus, Iran

Supervisor of M.S. Thesis of Miss Nezhat Kalantarian, (2010), morphohydrodynamic properties of the Caspian Sea evaluating, Islamic Azad University of Tehran, science and research campus, Iran

Supervisor of M.S. Thesis of Miss Yasaman Gandomi, (2010), ecological susceptibility and Vulnerability classification of Goomishan Lagoon in Caspian Sea, Khoramshahr marine science University, Khuzestan, Iran

Supervisor of M.S. Thesis of Mr. Ebrahim Saniei, (2011), liquefaction hazard assessment of Torkeman territory by use GIS model, Agriculture and Natural Resources University of Gorgan, Golestan, Iran

Advisor of M.S. Thesis of Mr. Arya Khoshnavan, (2011), the spatial and temporal changing of Mollusk species due to Caspian rapid sea level changing, Islamic Azad University, North Tehran branch, Iran

Advisor of M.S. Thesis of Miss Zeinab Kazemi, (2011), ecological deformation of vegetation covering in Miankaleh barrier island, Gilan University, Iran

Supervisor of M.S. Thesis of Mr. Hamed Barimani, (2012), Caspian Sea seismic hazard instability and geotechnical problem in Amirabad port, Yerevan University, Armenia

Supervisor of Ph.D. Thesis of Miss Sara Nakhjiri, (2012), anthropogenic and natural impact on Miankaleh territory, Islamic Azad University of Tehran, science and research campus, Iran

Supervisor of P.h.D Thesis of Miss fatemeh Aghadadashi, (2012), the morphological reconstructing of Miankaleh barrier Island in Holocene epoch, Islamic Azad University of Tehran, science and research campus, Iran

Supervisor of M.S. Thesis of Mr. Zarbali Shabani, (2013), erosion vulnerability of central Mazandaran due to Caspian Sea level changing, , Islamic Azad University of Tehran, science and research campus, Iran

Supervisor of M.S. Thesis of Mr. soorena Ghaseminejad, (2015), erosion risk and hazard of Astara port response to Caspian Sea level changing, Islamic Azad University of Tehran, science and research campus, Iran

Leader and supervisor of M.S. Thesis of Mr. Ebrahim Beigi, (2015), environmental geology of Fasham river basin and geological pollution hazard, Islamic Azad University of Tehran, science and research campus, Iran

Supervisor of M.S. Thesis of Mr. saied Roudbari, (2017), Ashooradeh inlet conservation method for safe selective channel and permanent hydrological recharge between Caspian Sea and Gorgan Bay, Shahrood technical University, Iran

SCIENTIFIC EXPERIENCE

Scientific committee member of annually national conference of Geomatics since 2015

Academic member of Caspian Sea ecosystem research institute, Agriculture and Natural Resources University of Mazandaran since 2013

Scientific advisor of Water resources management company (WRMC), Ministry of Energy (2012 - 2013)

Scientific committee member of biannually international conference of Persian Gulf since 2012

Scientific advisor of coastal engineering deputy of Port and maritime organization (PMO), Ministry of Road and urbanization of Iran (2011- 2012)

Scientific committee member of biannually international conference of coasts, ports and marine structure (ICOPMAS) since 2010

Academic member and research staff of Human health research center of medical Science University of Mazandaran (2005- 2006)

Scientific committee member of environment, Governor of Mazandaran province (2005)

PUBLICATIONS AND PAPERS**Books:**

Prof. Ramiz mamedov and Dr homayoun Khoshnavan, 2014, The Book of Hydromorphology Atlas of Caspian Sea, , Bio publisher company, Canada, March 2014

Dr Homayoun Khoshnavan, 2015, the book of Caspian Sea erosion hazard and vulnerability, Asrare danesh publishing company, Iran

Dr Homayoun Khoshnavan, 2015, The Book of Hydromorphology and environment of Urmia lake, Asrare danesh publishing company, Iran

Journal Papers:

- Khoshnavan, H. 2007, Caspian Sea coasts erosion vulnerability hazard, International Quaternary Journal, Elsevier publisher, Volume 167- 168, PP: 35- 39
- Khoshnavan, H. 2010, Caspian Sea morphological zones, Vestincaspia scientific Journal, Moscow, Russia, Academy of Science

- Khoshravan, H, et al 2011, sedimentary and morphodynamic characteristics of the Caspian Sea, earth and space scientific Journal, No 3, issue 37
- Khoshravan, H. 2011, Caspian rapid sea level changing impact on Miankaleh sand spit evolution, International scientific journal of natural science and environment (GES), Moscow state university, Russia
- Khoshravan, H. 2011, The impact of coastal modification and Caspian rapid sea level change on the Amirabad coastal zone, the international scientific journal (ECOPERSIA) of natural resources and marine science, , volume 2, August 2011, Iran
- Khoshravan, H., Barimani, H, (2012), Seismic Vulnerability, Caspian sea south coasts, , International Quaternary Journal, Elsevier publisher No: 261, PP: 9- 13
- Khoshravan, H. 2013, Temporal and Spatial Variation of Sand Dunes, the Caspian Sea, International Journal of Marine Science, , Vol.3, No.22, 173-177
- Khoshravan, H. 2013, Caspian Rapid Sea Level Changing Impact on Estuaries Morphodynamic deformation, International Journal of Marine Science, Vol.3, No.32, 253-257
- Khoshravan, H. 2014, Pollutants Hazard Potential and Environment Vulnerability of Caspian Sea, International Journal of Marine Science, Vol.4, No.4
- Khoshravan, H. 2014, Impact of Sea Level Change of Caspian Sea on Gastropods Temporal and Spatial Variation, International Journal of Marine Science, Vol.4, No.6: 67-73
- Khoshravan, H. 2014, Erosional Impact on Caspian Sea Coasts Stability Capacity, International Journal of Marine Science Vol.4, No.8: 82-87,
- Khoshravan, H. 2015, reconstruction the past fluctuation of Urmia lake, International Journal of Marine Science, Vol.5, No.31: 1-6
- Khoshravan, H. 2015, coastal sedimentary morphology of Urmia lake, International Journal of Marine Science, Vol.5, No.35: 1-6
- Khoshravan, H. 2016, Vulnerability assessment and erosion risk in Astara Port , Geographical information Journal (Sepehr)
- Khoshravan, H. et al. 2016, geological structure impact on Fasham environment and water resources, Science and technology of environment Journal, In press.
- Khoshravan, H., Naqinezhad, A., Alinejad.T, T., Yanina, T., (2019), Environmental characteristics and morphology of Gorgan bay deformation in insight of Caspian Sea level fluctuation, Caspian Journal of Environmental Scienc , CJES, Vol. 17, No 4, December 2019.
- Khoshravan, H., Naqinezhad, A., Alinejad.T, T., Yanina, T., (2020), Effects of the Caspian Sea water level change on Boujagh National Park, southwest the Caspian Sea, Caspian Journal of Environmental Scienc CJES, Vol. 18, No. 4, December 2020.

Conference papers:

International conference:

- Khoshnavan, H. 1993, the use of Ostracod Species for Caspian Sea Level Changing Reconstructing in Quaternary Period, Ministry of Energy- CSRSC, The first international conference of Caspian Sea level fluctuation, Ramsar, Mazandaran, Iran.
- Khoshnavan, H. 1994, The Introduction of Caspian Sea Quaternary Mollusks Species, International conference of Quaternary Geology, Tehran University, Iran.
- Khoshnavan, H. 2000, the use of Biological methods for the protection of coastal area in the southern coast of Caspian Sea, the 4th International conference on coasts, ports, marine structures (ICOPMAS)-,Bandarabbas, Iran.
- Khoshnavan, H.2003, New Glance to Caspian Sea legal regime, International Conference of Caspian Sea, Mazandaran University , Babolsar, Iran.
- Khoshnavan, H.2004, Caspian Sea Instability Hazard and Erosion Risk assessment In the Southern Coasts of Caspian Sea, The International Islamic Oceanography Union (INOC)-The International Workshop of Coastal Protected Areas, Meknes, Morocco.
- Khoshnavan, H.2005, The Use of Mollusks Species as Bioindicator for Caspian Sea Fluctuation Reconstructing in Holocene Sediments, The International Conference of Caspian Sea Level Rapid Changing, Rasht, Gilan, Iran.
- Khoshnavan, H.2005, Rapid Caspian sea level fluctuations and hydrodynamic impact on beach morphodynamics based on GIS modelling, The IGCP 521 First International Meeting, Istanbul, Turkey.
- Khoshnavan, H.2005, The Comparing of Beach Sediment Erosion Vulnerability Degree in the Southern Coasts of Caspian Sea, International Workshop on “the Protection of Coastal & Marine environment, Izmir –Turkey.
- Khoshnavan, H.2006, Caspian Sea Level changing anthropogenic effects on the southern coasts community adaptation response at the late Holocene Epoch, , International Conference on IGCP 521 Second Plenary Meeting, , Odessa, Ukraine.
- Khoshnavan, H.2006, the Comparing of Beach Sediment Erosion Vulnerability Degree in the Southern Coasts of Caspian Sea, the 1st International Sediment Initiative Conference (ISIC), Khartoum, Sudan.
- Khoshnavan, H.2007, Caspian Sea level changing reconstruction in Holocene epoch with Bio indicators, IGCP 521-481 international Plenary Meeting and Field Trip Russia, Glenezhik, Russia.
- Khoshnavan, H.2007, Caspian Sea Geodynamical evolution effect on the Sea level changing along the Quaternary period , 11th International Congress of the Geological Society of Greece, Aten, Greece.
- Khoshnavan, H.2008, The Caspian Sea Southern coasts pollution Vulnerability and Hazardous assessment with GIS Modeling, International conference on coastal oceanography and sustainable marine aquaculture (ICCOSMA), Kota Kina Balu, Sabah, Malaysia.
- Khoshnavan, H.2008, Caspian Sea Sediment morphodynamic indexes at the Quaternary period and sea level reconstruction, International symposium of Geology, Geology society of Iran.

- Khoshnavan, H.2008, Caspian Sea southern Coasts erosion hazard investigation by use GIS modeling, ICOPMAS 2008, Tehran, Iran
- Khoshnavan, H.2008, Morphodynamic and sediment classification in the southern coast of the Caspian Sea, International conference of environment and biodiversity depletion of the Caspian Sea, Babolsar, Mazandaran, Iran.
- Khoshnavan, H.2009, Caspian Sea Geotechnical instability hazard assessment with use GIS, IGCP 521-INQUA 0501 Fifth international Plenary Meeting and Field Trip, Izmir, Turkey.
- Khoshnavan, H.2009, Coastal modification impacts on the Caspian Rapid sea level changing, MEDCOAST 9th International Conference, Sochi, Russia.
- Khoshnavan, H.2010, Caspian rapid sea level changing impact on Miankaleh sand spit, International conference of climate change on Caspian territory, Moscow, Russia.
- Khoshnavan, H.2010, Miankaleh sand spit evolution during the Quaternary period, International conference of Caspian Sea fluctuation and global climate impact, Astrakhan, Russia.
- Khoshnavan, H.2010, Amirabad complex free zone impact on erosion Vulnerability, 9th international conference of coasts, ports and marine structures(ICOPMAS), Tehran, Iran.
- Khoshnavan, H.2011, River mouth deformation of the Caspian sea, International workshop of IGCP 481, Caspian, Black and Mediterranean sea corridor during the last 10 Ka, Odessa, Ukraine.
- Khoshnavan, H.2012, Caspian Sea sand dune erosion vulnerability, First International conference of Persian Gulf, Tehran, Iran.
- Khoshnavan, H.2012, the Caspian rapid sea level changing impact on coastal Flora species, International conference of climate and dendrology, , natural resources and agriculture university of Mazandaran, Sari, Mazandaran, Iran.
- Khoshnavan, H.2012, Caspian Sea rivers mouth morphodynamic evolution by rapid sea level impact, 12th international conference of maritime and port (ICOPMAS), Tehran, Iran.
- Khoshnavan, H.2013, Caspian rapid sea level changing impact on temporal and spatial changing of Gastropods in Miankaleh territory ,11th international conference of MEDCOAST, Marmaris, Turkey.
- Khoshnavan, H.2014, Erosion instability of Caspian Sea, 2th international conference of Persian Gulf, Tehran, Iran.
- Khoshnavan, H.2014, contamination resources hazardous statement and pollution risk calculating in Aras River territory, 4th international conference on Dendrology and environmental crisis, natural resources and agriculture science university of Sari, Mazandaran, Iran.
- Khoshnavan, H.2014, Caspian Sea level rise impact on estuaries evolution, International Congress , Estuaries & Coastal protected Areas, ECPA 2014, Izmir, Turkey.
- Khoshnavan, H.2014, Spontaneous erosion vulnerability, Caspian Sea, the 11th International Conference on Coasts, Ports and Marine Structures (ICOPMAS), Tehran, Iran,

- Khoshnavan, H.2015, Apply new model on environmental vulnerability, Caspian Sea, International Applied Science Conference, "HYDROMETEOROLOGICAL AND ENVIRONMENTAL SECURITY OF MARINE ECONOMY", Astrakhan, Russia
- Khoshnavan, H.2016, Caspian rapid sea level changing and shoreline displacement, the Third International conference of Persian Gulf, meteorology organization of Iran, Tehran, Iran
- Khoshnavan, H.2016, Erosion response to Caspian rapid sea level changing in Astara port, The 12th ICOPMAS, Tehran, Iran
- Khoshnavan, H.2016, Caspian Sea level fluctuation (past, Now, Future), 18th international conference of marine industries, Kish Island, Iran
- Khoshnavan, H. 2016, Global warming impact on Urmia lake vulnerability, 26th international conference SEA Coasts, St. Petersburg, Russia
- Khoshnavan, H., Farshchi, P. Global warming and Caspian Sea fluctuation hazard, The first international conference of climate change, Ministry of Energy, 1-2 March 2017

National conference:

- Khoshnavan, H. 1994, the study of geotechnical characteristics in south coasts of Caspian Sea, the second students' conference of civil Engineering, Tehran University, Iran.
- Khoshnavan, H. 1999, the investigation of Caspian Sea Mollusks paleontological Evolution in Quaternary period , Environmental Protection Organization- Biodiversity and paleontology Conference, Kerman, Iran.
- Khoshnavan, H. 1999, the study of Caspian Sea floor Seism tectonic Conditions by use of paleontology Evidence, Geophysics Conference, Tehran University, Iran, Tehran.
- Khoshnavan, H.2003, the Use of Skeletal Indicators for Caspian Sea Hydrodynamic Conditions Evaluating, Iranian Hydraulic Society Conference, University of Tehran, Iran.
- Khoshnavan, H.2003, Environmental geology assessment in the southern coasts of Caspian Sea, Iranian Geology Survey, Geology 20th Symposium, Tehran, Iran.
- Khoshnavan, H.2003, the Use of GIS model for Pollution Hazards Degree assessment in Mazandaran Province, Mazandaran University of Medical Science- the 6Th Environmental Health National Conference, Mahmoudabad, Mazandaran, Iran.
- Khoshnavan, H.2004, Beach Structure Erosion Risk and Hazard Degree assessment in the southern coasts of Caspian Sea, Iranian Geology Survey, 22Th Geology Symposium, Tehran, Iran.
- Khoshnavan, H.2005, The Use Of Mudvolcans as unrenewable Energy in The Southeastern Coasts Of Caspian Sea, The First Conference Of Eco energy In Iran-,Urmia university, Iran
- Khoshnavan, H.2007, Haraz river contamination resources assessment with use GIS, 22Th Symposium of geology of Iran, Tehran, Geology Society of Iran
- Khoshnavan, H.2011, , the role of Caspian rapid sea level changing on Miankaleh lagoon evolution, National conference of lagoon and its function to integrated water resources management, Water resources management company, ministry of energy of Iran

- Khoshravan, H.2014, The use of spatial and Temporal data for erosion vulnerability assessment along the Caspian Sea, 20th national conference of Geomatics, Cartography organization of Iran, Tehran, Iran
- Khoshravan, H.2016, Erosion vulnerability and Caspian Rapid sea level changing impact on Astara coast, The 22th Geomatics national conference, cartography survey, Tehran, Iran

Workshop:

- Khoshravan, H. 1994, the Study on Caspian Sea Hydro chemical Conditions Changing With use Biofacies Evidence in Quaternary Period, The first monthly scientific workshop, Water Resources Research Organization, Iran, Tehran.
- Khoshravan, H. 1995, Caspian Sea Morphological zone Classification, Water Resources Research Organization, The second monthly scientific workshop, Tehran, Iran.
- Khoshravan, H. 1995, Biostratigraphy and paleogeography of quaternary sediments in the south coasts of Caspian Sea, educational workshop, Ministry of Petroleum- exploration management, Tehran.
- Khoshravan, H. 1996, The Investigation of Sedimentary Structures In The Gorgan Gulf In the Southern Coasts Of Caspian Sea, The third Monthly Scientific workshop, Water Resources Research Organization, Tehran, Iran.
- Khoshravan, H. 1996, Evaluation of Caspian Sea level Fluctuation in Quaternary period, Educational workshop, Ministry of Energy – WRRRC, Tehran, Iran.
- Khoshravan, H. 1997, Caspian Sea Periodic Fluctuation Evaluating In Quaternary Period, The Second workshop of Caspian Sea Marine Governments, Ministry of Energy- CSRSC-, Rasht, Iran.
- Khoshravan, H. 1999, the Study on Caspian Sea floor Instability, The 1th Monthly Scientific workshop, Water Resources Research Organization, Tehran, Iran.
- Khoshravan, H. 1999, the study of morphology and coastal engineering in the southern coasts of Caspian Sea, Zibakenar professional workshop, Caspian Sea study institute, zibakenar, Gilan, Iran.
- Khoshravan, H. 2003, Caspian Sea Historical Fluctuation Reconstructing with use Biostratigraphy Model, Marine Geology Professional workshop, National Oceanography Center, Tehran, Iran
- Khoshravan, H. 2003, Environmental Management On Contamination Resources In Mazandaran Watershed, Management workshop, Mazandaran Province Government, Sari, Mazandaran, Iran
- Khoshravan, H. 2004, The Study of Caspian Sea Level Changing Impact on Coastal Ecosystems in Quaternary Period, Marine Geology Professional workshop, The University of Tarbiat Modarres (Noor), Mazandaran, Iran.
- Khoshravan, H. 2004, Caspian Sea Southern Coasts Instability Degree Evaluating In Mazandaran Beach Area, Scientific Project workshop, Management & planning Organization of Mazandaran Province, Sari, Mazandaran, Iran

- Khoshnavan, H. 2005, Biostratigraphy Indicator Application for Paleogeography and Paleodimatology In The Caspian Sea Basin In Quaternary Period, Marine Geology Professional workshop, National Oceanography Center, Tehran
- Khoshnavan, H. 2004, Persian Gulf Morphological Characteristics in the Larak Island, Marine Geology Professional workshop, National Oceanography Center, Tehran, Iran
- Khoshnavan, H. 2008, The first strategic workshop of the Caspian Sea problem, Golestan province, Gorgan, Iran
- Khoshnavan, H. 2009, The second strategic workshop of the Caspian Sea problem, Islamic Azad university of Savadkuh, polesefid, Mazandaran, Iran
- *Khoshnavan, H. 2009, The workshop on biodiversity susceptibility and sensibility of The Caspian Sea, regional electric company of Mazandaran, Sari, Mazandaran, Iran*
- Khoshnavan, H. 2009, The Workshop on Caspian Sea fluctuation, Port and maritime company of Gilan, Bandare Anzali, Gilan, Iran
- Khoshnavan, H. 2009, The Workshop on marine parameter monitoring, Port and maritime company of Gilan, Bandare Anzali, Gilan, Iran
- Khoshnavan, H. 2010, The Workshop on Applied GIS in coastal management, Khoramshahr marine science university, Khuzestan, Iran
- Khoshnavan, H. 2010, The Workshop on Caspian Sea fluctuation during the Quaternary period, regional electric company of Mazandaran, Sari, Mazandaran, Iran
- Khoshnavan, H. 2010, The Workshop on water resources, Environment and future problems, Caspian Sea research center, Sari, Mazandaran, Iran
- Khoshnavan, H. 2010, The Workshop on Morphology and Biodiversity of The Caspian Sea, Caspian Sea research center, Sari, Mazandaran, Iran
- Khoshnavan, H. 2011, The Workshop on the apply GIS for coastal management, Azad university , tehranshomal branch, Tehran, Iran
- Khoshnavan, H. 2012, The Workshop on applied seismology, Gas national company of Khoozestan, Ahavaz, Khoozestan, Iran
- Khoshnavan, H. 2014, The Workshop on solid waste management, wood and paper industries of Mazandaran, Sari, Mazandaran, Iran
- Khoshnavan, H. 2014, The Workshop on seismic hazard of the Caspian Sea, water research institute, Ministry of Energy, Tehran, Iran
- Khoshnavan, H. 2014, The Workshop on applied seismology, Gas national company of Khoozestan, Ahavaz, Khoozestan, Iran
- Khoshnavan, H. 2014, The workshop on environmental challenges and policies along the Caspian Sea, water regional company of Gilan

- Khoshnavan, H. 2015, The Workshop on applied seismology, Gas national company of Khoozestan, Ahavaz, Khoozestan, Iran
- Khoshnavan, H. 2015, The Workshop on coastal morphology and erosion vulnerability of the Caspian Sea, road and urban construction research center, ministry of building and urbanization, Tehran, Iran
- Khoshnavan, H. 2016, The Workshop on marine parameter measuring and analysis, the 22Th national conference of Geomatics, cartography survey of Iran, Tehran, Iran
- Khoshnavan, H. 2016, the workshop on Caspian Sea pollution challenges and Hydromorphology properties, Mazandaran University, babolsar, Iran
- Khoshnavan, H. 2017, The workshop of climate change impact on Gorgan Bay hydrological challenges, Caspian Sea national research center, water research institute, ministry of energy, Sari, Mazandaran, Iran
- Khoshnavan, H. 2020, the workshop of Caspian rapid sea level changing impact on coastal environment, Meteorology organization, Tehran, Iran

Research projects:

- Executive researcher, The Geological Study on Lar Valley in the Central Part of Alborz Mountain, Shahid Behshti University, 1989.
- Executive researcher, the Geological Study on Kelardasht Area in the North Part of Alborz Mountain, Self-sufficiency Organization, 1992
- Executive researcher, the Geological Study on Kelardasht Area in the North Part of Alborz Mountain, Self-sufficiency Organization, the Geological Study on Kiasar Area in the North Part of Alborz Mountain, 1992
- Executive researcher, the study of geological characteristics in southeastern Coasts of the Caspian Sea, Caspian Sea Water Resource Research and Study Center, 1998
- Executive researcher, the investigation on Caspian Sea Sothern mouths rivers morphodynamic configuration, Caspian Sea Water Resource Research and Study Center, 1998
- Executive researcher, The use of biological methods for Caspian Sea southern coastal area protection, Caspian Sea Water Resource Research and Study Center, 1999
- Executive researcher, Caspian Sea southern coastal area morphodynamic Zone Classification, Caspian Sea Water Resource Research and Study Center, 2000
- Executive researcher, The use of skeletal elements on Caspian Sea southern hydraulic forces and environment condition analyzing, Caspian Sea Water Resource Research and Study Center, 2000
- Executive researcher, The study on sedimentology and hydrodynamic processes in the mouth of rivers in the Caspian Sea southern coasts, Water Resources Management Organization, 2001
- Executive researcher, The Study on Aquarium Fish Resources in Persian Gulf Island (Larak) with diving biology research, Fishery Research Institute, 2002
- Executive researcher, Environmental Management on source of contamination and pollution evaluating in Mazandaran province watershed, Mazandaran Management and Planning Organization, 2002

- Executive researcher, The investigation on morphology and natural geology configuration in the Caspian Sea southern Coasts, Caspian Sea Water Resource Research and Study Center, 2002
- Executive researcher, Mazandaran Management and Planning Organization- Beach Structure Instability& Erosion Risk and Hazard Degree Evaluating in the Mazandaran Coasts with using GIS Modeling
- Executive researcher, Environmental Management on source of contamination and pollution evaluating in Gilan province watershed With GIS Modeling, Water Resources Management Organization, 2003
- Executive researcher, the Vulnerability of the southern Coasts of the Caspian Sea Evaluating with Using GIS Modeling, Caspian Sea National Research and Study Center, 2004
- Executive researcher, Caspian Sea Beach Profile Changing Study in the Cold and Warm Period, Caspian Sea National Research and Study Center, 2005
- Executive researcher, The study on Morphodynamic structure Deformation with seismic energy in Persian Gulf Region (Qeshm and Larak Island), Caspian Sea National Research and Study Center, 2006
- Executive researcher, Bed forms of Caspian Sea recognition and beach stratification, Caspian Sea National Research and Study Center, 2007
- Executive researcher, Caspian sea coasts seismic instability hazard by use GIS, Caspian Sea national research & study center, Sari, Mazandaran, Iran, 2009
- Executive researcher, Caspian sea sand dune restoration by use biological elements, Caspian Sea national research & study center, Sari, Mazandaran, Iran, 2009
- Executive researcher, Anthropogenic impact on littoral processes in the Caspian Sea, Caspian Sea national research & study center, Sari, Mazandaran, Iran, 2011
- Colleague researcher, Hazard potential and environment vulnerability of Aras River, Ardebil branch of Azad university, Aredebil, Iran, 2013
- Colleague researcher, Hazard potential and environment vulnerability of Qarasu River, Ardebil branch of Azad university, Aredebil, Iran, 2013
- Executive researcher, Geodynamic impact on Urmia lake rapid fluctuation, Regional water organization of western Azerbaijan province, Ministry of Energy, Urmia, Iran, 2014
- Executive researcher, Caspian sea rapid level changing impact on coastal ecosystem, international research project, since 2017

MEMBERSHIP:

- [Iranian Solar Energy Society since 1996]
- [Environment Management Research Institute since 2004]
- [Research and Technology Committee of Mazandaran Province Government since 2003]
- [Environmental Health Research Center Scientific Member 2004 - 2006]
- [Marine and technology society, 2008]

- [Coastal engineering and maritime society since 2013]
- [The member of chair of coastal engineering and marine structures society, since 2016]

SPECIAL COMPETENCES, SKILLS AND HOBBIES:

I am professional scientific lecturer and research manager, I have been doing many workshop and national research projects associated to main challenges of global warming impact on inland sea regression and great lake drought, such as Caspian Sea rapid sea level changing impact on erosion vulnerability and risk and Urmia Lake and Gorgan Bay drought hazard assessment. And now I am studying on ecosystem vulnerability to rapid sea level changing of the Caspian Sea. My last precious research outcome is related to Universal ranking system model (URSM) for Environmental pollution and erosion hazard and risk assessment. I have professional skill in international scientific negotiation and memorandum of understanding. I have implemented geo-tourism activities since 2001 in southern coasts of the Caspian Sea. I am surreal story Author and I have published six scientific and literature book since 2010. I am marine research diver and natural photographer and my vital hobbies are swimming, Hiking, Volleyball and play Basketball.

TRAINING/ CERTIFICATION:

- Ministry of Road and Transportation - Soil Mechanic Department. A three month course in soil mechanic laboratory Analysis, 1986
- Ministry of Energy, Water Resource Research Organization. A 105 hours comprehensive course in hydrogeology and Exploration of Karstic formation, 1994
- Ministry of Energy, Water Resource Research Organization. 270 hours course in Russian language.(1995-97)
- Ministry of Energy, (WRRO)-CSRSC. A 30 hours course on marine parameters monitoring, 1997
- Institute of Management Research and Education (affiliated to the Ministry of Energy), Achievement Test Certificate of English Language in Intermediate Level, Tehran, 1999
- Open water diving certification from PADI School, 2000
- Ministry of Energy, Computer Software Study, ICDL Courses 7Th Skills, Sari, Mazandaran, Iran, 2004
- The University of Water and Electric Industry, Ministry of Energy, the Use of GIS in Water Management Project, Tehran, 2004
- The University of Water and Electric Industry, Ministry of Energy, the Arcview GIS, Advance, Tehran, 2005
- Water research institute, environment economic and sustainable development, Tehran, Iran, 8 June – 4 July 2008
- National oceanography center, Caspian Sea legal regime, Sep 2008
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