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10

Citations (Scopus):

229

Supervised MSc Theses

#	Thesis title	By	Date
1	Reserve estimation and geostatistical simulation of Daman Jala copper deposit, Abbas Abad area, Semnan, Iran	Farzad Rashidi Moghaddam & Homayoon Katibeh	October 2021
2	A geostatistical model for estimating the intact temperature of rocks at different depths	Hossein Reza Hosseini & Homayoon Katibeh	July 2019
3	A Geostatistical model for estimation of methane content of Kuchakali coal mine, Tabas	Simin Hassani & Homayoon Katibeh	February 2019
4	Technical and Economical Aspects of Grout Curtain in Dams-Case study:Golmandareh Dam, North Khorasan	Hassan Karami & Homayoon Katibeh	February 2018
5	Grade Modeling And Ore Reserve Estimation Of Sangan Iron Deposit Using Geostatistical And Classical Methods	Mohammad Shamsaee & Homayoon Katibeh	October 2016
6	Groundwater Seepage assesment into Azad dam power plant tuneel, Kordestan province	Hassan Akbari & Homayoon Katibeh	October 2015
7	Optimization of Cut-off Curtain Extension Based on Engineering Geological Characteristics of Rock Foundation of the Shirinab Dam	Fatemeh Azizi & Homayoon Katibeh	October 2015
8	Modeling of groundwater seepage in Miduk copper pit mine and design of optimum drainage system	Mahbube Amirkafi Kangi & Homayoon Katibeh	July 2015
9	Geoelectrical Studies (VES) in Nourabad Mamasani Plain	Mehran Abedi & Homayoon Katibeh	July 2015

10	Hydrogeological Investigation of Meymeh-Murchekhort Plain	Ali Dehghan Mongabady & Homayoon Katibeh	January 2015
11	Groundwater seepage assessment into Bazideraz tunnel	Behzad Karami & Homayoon Katibeh	November 2014
12	Aquifer Hydrochemical Modeling by Geostatistic ,Case Study ,Varamin Aquifer	Shawgar Karami & Homayoon Katibeh	October 2014
13	Groundwater seepage assessment into line-2- tunnel, Tabriz suburban railway	Arash Nikvar Hassani & Homayoon Katibeh	October 2014
14	Estimation of water inflow to Rudbar Lorestan tail race tunnel	Zohreh Homayoonfar & Homayoon Katibeh	February 2014
15	Estimation of water seepage flow from upper reservoir of Rudbar Lorestan pumped storage power plant	Tahereh Abady Por & Homayoon Katibeh	October 2013
16	Aquifer modeling	Mohammad Montasheri & Homayoon Katibeh	October 2013
17	Optimizing sealing method in cavern of reservoir pumping power plant in Rudbar Lorestan	Sajjad Alizadeh Kaklar & Homayoon Katibeh	September 2013
18	Design of cement grouting in coarse soils-case study: Chaparabad dam site	Yasser Hazratinazhad & Homayoon Katibeh	March 2012
19	Technical Analysis of Cut-off Grouting Requirement Accroding to Multivariable Decision Making (Case Study: Aghchai and Talvar Dam Sites	Mohammad Balandari & Homayoon Katibeh	October 2011
20	Feasibility study of water transfer through Alborz tunnel to the south domain of Alborz range	Seyed Ehsan Ghazi & Homayoon Katibeh	October 2011
21	engineering geological and hydrogeological investiagation in water tightening of azad power plan reservoir	Hadi Moeini & Homayoon Katibeh	February 2011
22	aquifer modeling in order to evaluate exploitation and drought impact using remote sensing and MODFLOW : case study : Dezfol-Andimeshk	Zakaria Ghadari & Homayoon Katibeh	January 2011
23	Study of the conjunction methods for dam cut off in geological point of viem (case study Behjatabad & Kaleybar dams	Seyyed Jafar Moosavi & Homayoon Katibeh	January 2010
24	Evaluation of groundwater flow into Amirkabir water conveying tunnel	Hadi Forhadian & Homayoon Katibeh	December 2009
25	ASSESSMENT ANALYSING AND MODELING OF ENG.GEOLOGIC AND GEOTECHNICAL PROPERTIES IN RELATION WITH GROUTING PROCESS IN ROCK FOUNDATION DAMS CASE STUDY AGHCHAI SEYMAREH DAMS	Majid Masoodi Arani & Homayoon Katibeh	February 2009
26	GEOLOGIC AND HYDROGEOLOGIC STUDY OF AZAD DAM SITE REGARDING TO WATER SEALING	Masood Asadi & Homayoon Katibeh	January 2009
27	ENGINEERING GEOLOGY PROPERTIES OF SOFT ROCKS FROM GROUTIBILITY AND WATER SEALING POINTOF VIEW , CASE STADY : TALVAR DAM	Iman Kordel & Homayoon Katibeh	January 2009
28	PRE-AND PROGRESSIVE INVESTIGATIONS ASPECTS OF SEALING GROUTING OF ROCKS RESPECT TO SEMAREH DAM CUT-OFF CURTAIN	Saeed Flahnezhad & Homayoon Katibeh	May 2008
29	STUDY OF EFFECTIVE PARAMETERS IN SEALING GROUTING DESIGN FOR COARSE GRAIN SOILS WITH RESPECT TO SIVAND DAM CUT-OFF CURTA	Ahmad Soleimanpour & Homayoon Katibeh	March 2008
30	A SOFTWARE DEVELOPMENT FOR CROSS WELL SEISMIC TOMOGRAPHY	Shahabaldinmohammad Rastani & Homayoon Katibeh	January 2007

31 Geophysical exploration in Khenadardh Graphite deposit of Arak	Mohammadamin Karbala & Homayoon Katibeh	July 2004
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Books

#	Title	Author(s)	Publisher country	publication date	version
Portal Records					
1	Underground dams	Homayoon Katibeh	Iran (Islamic Republic of)	November 2010	1
2	Cement grouting in rock	Mohammadamin Karbala, Homayoon Katibeh	Iran (Islamic Republic of)	February 2010	1
3	Groundwater Hydrology	Homayoon Katibeh	Iran (Islamic Republic of)	December 2014	1
4	Guideline for Hydrological Studies in Tunnel Site	Khodayari, Ghiasvand, Dr.Bahram Rezai, S.Hassan Madani, Mehrabi, Homayoon Katibeh	Iran (Islamic Republic of)	April 2019	1
5	Drainage systems	Homayoon Katibeh, Ali Alianvari	Croatia (Hrvatska)	April 2012	1

Journal Papers

Portal Records

- Seyfi Sara, Homayoon Katibeh, Mon?Reh Hesham?, "Investigation of the process of adsorption of heavy metals in coastal sands containing micro-plastics, with special attention to the effect of aging process and bacterial spread in micro-plastics", Archives of Environmental Protection, September 2021 Vol. 47, Num. 3, Page 50-59, September 2021,
- Seyfi Sara, Homayoon Katibeh, Monireh Heshami, "Year-Round Behavior of Micro-plastics in Coastline Sand", MATERIALE PLASTICE, July 2021 Vol. 58, Num. 2, Page 185-191, July 2021,
- Mohsen Golian , Ebrahim Sharifi Teshnizi, Hamed Tavasoli Rostami, Homayoon Katibeh, Mario Parise, Masoud Mahdad, Habib Saadat, Mahdi Abbasi, Mahshid Ebad Ardestani, "Advantages of employing multilevel monitoring wells for design of tunnels subjected to multi-aquifer alluvial", JOURNAL OF MOUNTAIN SCIENCE, January 2021 Vol. 18, Num. 1, Page 219-232, January 2021,
- Mohsen Golian , Ali Saffarzadeh, Homayoon Katibeh, Masoud Mahdad, Habib Saadat, Mahdi Khazaei, Ershad Sametzadeh6, Aboozar Ahmadi, Ebrahim Sharifi Teshnizi, Mahsa Samadi Darafshani, Majid Dashti Barmaki, "Consequences of groundwater overexploitation on land subsidence in Fars Province of Iran and its mitigation management program", WATER AND ENVIRONMENT JOURNAL, January 2021 Vol. 0, Num. 0, Page 1-16, January 2021,
- Fereshteh Valivand, Homayoon Katibeh, "APPLICATION OF NUMERICAL MODELING TO PREDICT AND EVALUATE THE EFFECTS OF MANAGEMENT SCENARIOS IN GROUNDWATER RESOURCES", INTERNATIONAL TRANSACTION JOURNAL OF ENGINEERING MANAGEMENT & APPLIED SCIENCES & TECHNOLOGIES, January 2020 Vol. 11, Num. 6, Page 73-84, January 2020,
- Shawgar Karami , Homayoon Katibeh, Ahmad Fatehi Marj, "Groundwater hydrogeochemical assessment using advanced spatial statistics methods: a case study of Tehran-Karaj plain aquifer, Iran", Arabian Journal of Geosciences, January 2020 Vol. 13, Num. 84, Page 1-16, January 2020,
- Fereshteh Valivand, Homayoon Katibeh, "Prediction of Nitrate Distribution Process in the Groundwater via 3D Modeling", ENVIRONMENTAL MODELING & ASSESSMENT, July 2019 Vol. 0, Num. 0, Page 0-0, July 2019,

- 8 Fereshteh Valivand, Homayoon Katibeh, "The Study of Environmental Effects of Nitrate Transfer in Varamin Aquifer Using Numerical Modeling", *Journal of Water & Wastewater*, July 2019 Vol. 30, Num. 4, Page 130-136, July 2019,
- 9 Mohsen Golian, Homayoon Katibeh, Vijay P. Singh, Kaveh Ostad-Ali-Askari, Hamed Tavasoli Rostami, "Prediction of tunneling impact on flow rates of adjacent extraction water wells", *QUARTERLY JOURNAL OF ENGINEERING GEOLOGY AND HYDROGEOLOGY*, June 2019 Vol. 0, Num. 0, Page 0-0, June 2019,
- 10 Fereshteh Valivand, Homayoon Katibeh, "Assessment of the long-term quantitative effects of management conditions and current abstraction on Varamin Plain Aquifer", *Journal of Water and Soil Conservation-OPEN*, May 2019 Vol. 26, Num. 2, Page 251-261, May 2019,
- 11 Shawgar Karami, S.Hassan Madani, Homayoon Katibeh, Ahmad Fatehi Marj, "Factors and mechanisms affecting on groundwater contamination", , December 2018 Vol. 39, Num. 45, Page 3-9, December 2018,
- 12 Shawgar Karami, S.Hassan Madani, Homayoon Katibeh, Ahmad Fatehi Marj, "Assessment and modeling of the groundwater hydrogeochemical quality parameters via geostatistical approaches", *Applied Water Science*, February 2018 Vol. 1, Num. 0, Page 1-13, February 2018,
- 13 Arash Nikvar Hassani, Hadi Farhadian, Homayoon Katibeh, "A comparative study on evaluation of steady-state groundwater inflow into a circular shallow tunnel", *TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY*, December 2017 Vol. 73, Num. 1, Page 15-25, December 2017,
- 14 Yaser Dara, Homayoon Katibeh, "Computational and numerical analysis of geotechnical data of Bahram Kush Reservoir dam to determine axis (case study)", *Turkish Journal of Engineering and Technology*, December 2017 Vol. 4, Num. 2, Page 52-60, December 2017,
- 15 Hadi Farhadian, Arash Nikvar Hassani, Homayoon Katibeh, "Groundwater inflow assessment to Karaj water conveyance tunnel, Northern Iran", *KSCE JOURNAL OF CIVIL ENGINEERING*, November 2016 Vol. 0, Num. 0, Page 1-10, November 2016,
- 16 Hadi Farhadian, Homayoon Katibeh, Peter Huggenberger, Christoph Butscher, "Optimum model extent for numerical simulation of tunnel inflow in fractured rock", *TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY*, July 2016 Vol. 60, Num. 1, Page 21-29, July 2016,
- 17 Hadi Farhadian, Homayoon Katibeh, Peter Huggenberger, "Empirical model for estimating groundwater flow into tunnel in discontinuous rock masses", *ENVIRONMENTAL EARTH SCIENCES*, March 2016 Vol. 75, Num. 471, Page 1-16, March 2016,
- 18 Arash Nikvar Hassani, Homayoon Katibeh, Hadi Farhadian, "Numerical analysis of steady-state groundwater inflow into Tabriz line 2 metro tunnel, northwestern Iran, with special consideration of model dimensions", *BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT*, October 2015 Vol. 0, Num. 0, Page 1-11, October 2015,
- 19 Hadi Farhadian, Homayoon Katibeh, "Effect of Model Dimension in Numerical Simulation on Assessment of Water Inflow to Tunnel in Discontinuous Rock", *World Academy of Science, Engineering and Technology*, April 2015 Vol. 9, Num. 4, Page 249-252, April 2015,
- 20 Hadi Farhadian, Homayoon Katibeh, "Groundwater Seepage Estimation into Amirkabir Tunnel Using Analytical Methods and DEM and SGR Method", *World Academy of Science, Engineering and Technology*, March 2015 Vol. 9, Num. 3, Page 255-260, March 2015,
- 21 Homayoon Katibeh, Mohammad Amin Karbala, "Study of salinity factors of surface water in Shamil-Nyan dam basin and its reduction ways", *International Bulletin of Water Resources & Development -IRWRD*, December 2013 Vol. 1, Num. 1, Page 1-9, December 2013,
- 22 Hadi Farhadian, Homayoon Katibeh, Ahmadreza Sayadi, "Prediction of site groundwater rating(SGR) for Amirkabir tunnel using artificial neural network", *International Journal of Mining and Mineral Engineering (IJMME)*, October 2013 Vol. 1, Num. 1, Page 5-9, October 2013,
- 23 Hadi Farhadian, Ali Alianvari, Homayoon Katibeh, "Optimization of analytical equations of groundwater seepage into tunnels: A case study of Amirkabir tunnel", *JOURNAL OF THE GEOLOGICAL SOCIETY OF INDIA*, July 2012 Vol. 80, Num. 1, Page 96-100, July 2012,
- 24 Hadi Moeini, Homayoon Katibeh, Iraj Golabatunchi, "Upper reservoir seepage analysis of Azad dam pumped storage power station and selecting the best sealing method", , December 2011 Vol. 43 سال, Num. 2, Page 35-41, December 2011,

- 25 Ali Alianvari, Homayoon Katibeh, Mostafa Sharifzadeh, "A new approach for computing permeability of fault zones, Case study: The upper reservoir of Azad pumped-storage power station in Iran", Archives of Mining sciences, July 2010 Vol. 55, Num. 3, Page 0-0, July 2010,
- 26 Homayoon Katibeh, Mohammad Mohammadkhani, Ali Alianvari, "Optimum system in groundwater dewatering in Sechahoun open pit iron mine", Amirkabir, December 2009 Vol. 20, Num. 71, Page 0-0, December 2009,
- 27 Mohammadamin Karbala, Homayoon Katibeh, Mostafa Sharifzadeh, "Numerical and analytical hydraulic characterization of a horizontal single joint based on radial flow in water pressure test", JOURNAL OF APPLIED SCIENCES, September 2009 Vol. 9, Num. 10, Page 0-0, September 2009,
- 28 Homayoon Katibeh, Ali Alianvari, "Development of a New Method for Tunnel Site Rating from Groundwater Hazard Point of View", , September 2009 Vol. , Num. 9, Page 0-0, September 2009,
- 29 Mortaza Gharouninik, Reza Berry Dizaji, Homayoon Katibeh, "Fundamentals of rail way tunnel ventilation, case study Lorestan rail way, tunnel 102", , July 2006 Vol. , Num. , Page 0-0, July 2006,
- 30 Homayoon Katibeh, "Seepage From Lined Canal on Stratified Subsoil Using Finite Element Method", , September 2005 Vol. , Num. 2, Page 0-0, September 2005,
- 31 Homayoon Katibeh, Seyed-Mohsen Samaei, "Hydrogeologic and Hydrochemical Investigation of Esfahak Aquifer-Tabas", , July 2005 Vol. , Num. 2, Page 0-0, July 2005,
- 32 Homayoon Katibeh, "Seepage From Lined Canal on Stratified Subsoil Using Finite Element Method", , January 2005 Vol. , Num. 2, Page 0-0, January 2005,
- 33 Homayoon Katibeh, "Seepage from lined canal using finite element method", , October 2004 Vol. , Num. 1, Page 0-0, October 2004,
- 34 Homayoon Katibeh, [en-name N/A], Akbar Abotalebi Mircaleh, "modeling of groundwater fluctuations in the central area of Isfahan metro project", , June 2003 Vol. , Num. 46, Page 0-0, June 2003,

Conference Papers





Portal Records






- 1 Seyfi Sara, Homayoon Katibeh, Hamid Reza Ramazi, "Design and project management of comprehensive qualitative and quantitative study of the eastern part of the Qorveh aquifer ", Research in geoscience international conference, February 2017
- 2 Anahita Zahedi, Homayoon Katibeh, Hamid Reza Ramazi, Mehdi Abbasi, Meysam Yazdani, "Assessment of underGround-water seepage to Chaqakhor tunnel by using SGR method. ", The Second National Conference On Sustainable Development in Energy, Water and Environmental Engineering Systems, February 2017
- 3 Anahita Zahedi, Homayoon Katibeh, Hamid Reza Ramazi, Mehdi Abbasi, Meysam Yazdani, "The Predicted penetration rate of underGround-water inflow to Sabzkoh-Chaqakhor tunnel by using empirical and analytical methods ", The Second National Conference On Sustainable Development in Energy, Water and Environmental Engineering Systems, February 2017
- 4 Meysam Yazdani, Eman Firozi, Homayoon Katibeh, "Evaluation the quality of groundwater salinity in Varamin plain by using geostatistical analysis ", International Conference on Geographic and Environmental Impact of Urmia Lake Conditions, November 2016
- 5 Eman Firozi, Meysam Yazdani, Homayoon Katibeh, "Evaluation the quality parameters of underground water resources by using geostatistic approach; case study: Varamin, Iran. ", The 1 st International Conference of Iranian natural hazards and environmental crises, strategies and challenges, September 2016
- 6 Meysam Yazdani, Eman Firozi, Homayoon Katibeh, Anahita Zahedi, "Evaluation the quality of groundwater salinity and alkalinity by using geostatistical method kriging and IDW ", International Conference On Water, Environment and Sustainable Development, September 2016

- 7 Mohammad Shamsaee, S.Hassan Madani, Homayoon Katibeh, "Applying kriging efficiency in the determination of the accuracy of estimated block ironplacer ore depositransSangan ", 2nd International conference on new research findings of sciences, engineering and technology, August 2016
- 8 Mohammad Shamsaee;² Seyd Hasan Madani, Homayoon Katibeh, "Applying kriging efficiency for cross validation of block estimated grade in Sangan iron placer ore deposit, Iran ", Second International Conference on New Research findings of Sciences, Engineering and Technology, August 2016
- 9 Hadi Farhadian, Homayoon Katibeh, Vahid Khosravi, "The review of environmental effects of AMD ", The first national conference on hazard management in mines and underground excavations, February 2016
- 10 Hassan Akbari, Homayoon Katibeh, Ali Alianvari, "The estimated penetration of ground water into Payab water tunnel Azad dam Kurdistan, using SGR and comparison with analytical methods. ", Water Engineering conference & Exhibition, October 2015
- 11 Hassan Akbari, Homayoon Katibeh, Ali Alianvari, "Numerical analysis Groundwater Seepage assessment into Azad dam power plant tunnel Kurdistan by UDEC software. ", Water Engineering conference & Exhibition, October 2015
- 12 Hadi Farhadian, Homayoon Katibeh, "Effect of Model Dimension in Numerical Simulation on Assessment of Water Inflow to Tunnel in Discontinues Rock ", 17th International Conference on Civil and Earth Resources Engineering, March 2015
- 13 Hassan Akbari, Ali Alianvari, Homayoon Katibeh, "Groundwater Seepage assesment into Azad dam power plant tunnel, using analytical and numerical methods ", National Geo sciences Symposium, February 2015
- 14 Tahereh Abady Por, Homayoon Katibeh, Ali Alianvari, "Estimation of water seepage from upper reservoir of Rudbar pumped storage power plant ", Asian Rock Mechanics Symposium, October 2014
- 15 Arash Nikvar Hassani, Hadi Farhadian, Homayoon Katibeh, "Assessment of SGR and TIC methods in water inflow classification in urban tunnels; case study: Tabriz Line 2 urban railway tunnel ", 5th Iranian Mining Engineering Conference, October 2014
- 16 Tahereh Abady Por, Homayoon Katibeh, Ali Ali Anvari, "Estimation of water seepage from upper reservoir of Rudbar pumped storage power plant ", Asian Rock Mechanics Symposium, October 2014
- 17 Arash Nikvar Hassani, Hadi Farhadian, Homayoon Katibeh, "Validation and Assessment of Seep/w Software in Groundwater Inflow Prediction into Shallow Tunnels ", National Conference on Mining Science, September 2014
- 18 Arash Nikvar Hassani, Hadi Farhadian, Homayoon Katibeh, "Estimation of Groundwater Inflow into Tabriz Line-2 Urban Railway Tunnel and Rating of Water Inflow Hazard by Means of SGR ", National Conference on Architecture, Civil Engineering & Urban Modern Development, May 2014
- 19 Sajjad Alizadeh Kaklar, Homayoon Katibeh; Ali Ali Anvari, "Seepage analysis of groundwater seepage into cavern of Roudbar-Lorestan pumped storage power plant using SeepW software ", National conference of underground recourse explorations, December 2013
- 20 Lyla Faraji, Sajjad Alizadeh Kaklar, Homayoon Katibeh, Mohammad Amin Karbala, "Study of the leakage rate from the alluvium Gotvand Olya dam by using Seepw software ", National conference on underground resource explorations, December 2013
- 21 Tahereh Abady Por, Homayoon Katibeh, Ali Ali Anvari, "Seepage assessment of upper reservoir of Roudbar Lorestan dam using Seepw ", 8th conference of the Iranian association of engineering geology and the environment, November 2013
- 22 Tahereh Abady Por, Homayoon Katibeh, Ali Alianvari, "Evaluation of seepage from upper reservoir of Rudbar dam using Seep/W ", 8th Conference of Iranian Association of Engineering Geology and Environment, November 2013
- 23 Milad Kurdi, Homayoon Katibeh, Taymor Eslamkish, کردی, "Investigation of Corrosion and scaling potential in industrial and drinking supply water of Ghareh sou River ", 14th national Corrosion Congress, May 2013
- 24 Homayoon Katibeh, Ebrahim Karimzade, Tahereh Abady Por, "A review and comparison of seepage analysis methods into open pits ", First conference on water crisis, May 2013
- 25 Behzad Alizadeh Severi, Ardeshir Hezarkhani, Homayoon Katibeh, "Fluid Evolution of the Magmatic Hydrothermal Porphyry Copper Deposit at Darrehzar, Iran ", 23rd International Mining Congress and Exhibition of Turkey, April 2013

- 26 Seyed Ehsan Ghazi, Homayoon Katibeh, Kyumars Emaad, Zahra Gavashiri, "Effect of Alborz tunnel on hydrologic and hydrogeological condition of around area ", First National Transport Infrastructure, February 2013
- 27 Tahereh Abady Por, Ebrahim Karimzade, Milad Kurdi, Mohammad Shiva, Homayoon Katibeh, "geochemical studies on stream sediment and preliminary exploration to find mineral potential at the Khusf, southern Khorasan, Iran ", Falat Irans 1st Geology, February 2013
- 28 Tahereh Abady Por, Milad Kurdi, Ebrahim Karimzade, Homayoon Katibeh, "Cluster analysis of stream sediment Geochemical data at Khusf in order to find promising areas ", Falat Irans 1st Geology, February 2013
- 29 Hadi Farhadian, Homayoon Katibeh, Ahmad Reza Sayadi, "Prediction of Site Groundwater Rating (SGR) for Amirkabir Tunnel using Artificial Neural Network ", International Multi-Conference on Trends in Engineering and Technology, November 2012
- 30 Hadi Farhadian, Samira Tabasi, Mohammad Jalali, Homayoon Katibeh, "Determination of Optimized Pattern for Management of the Coal Reservoirs Exploration ", First Iranian coal congress, August 2012
- 31 Ali Alianvari, Homayoon Katibeh, Mostafa Sharifzadeh, Hadi Forhadian, "Estimation of fault zone permeability with Fuzzy-Delphi AHP-FDAHP ", Rock mechanics in civil engineering and environmental engineering, June 2010
- 32 Ahmadreza Ghavaseh, Puya Shakiba, Homayoon Katibeh, "Sediment deposition and reduction measures in Chandab Alluvial fan ", 8th International River Engineering Conference, January 2010
- 33 Hadi Forhadian, Homayoon Katibeh, Ali Alianvari, "Amirkabir tunnel site rating using SGR method in groundwater hazard point of view and its comparing with analytical methods ", Third Iranian mining conference, January 2010
- 34 Ali Aali Anvari, Homayoon Katibeh, Mostafa Sharifzadeh, "Criticism review of analytical equations governing the flow of water into the hard rock, ", International Conf. On water resource, September 2009
- 35 Ali Alianvari, Homayoon Katibeh, "Estimation of equivalent permeability in amirkabir tunnel alignment with neural network ", , May 2009
- 36 Ali Alianvari, Homayoon Katibeh, Mostafa Sharifzadeh, "Estimation of initial groundwater inflow into Ghomrud tunnel ", 8th Iranian Tunneling Conference, May 2009
- 37 Kourosh Shahriar, Parviz Maarefvand, Homayoon Katibeh, "measuring of permeability of sungon rock masse using difernts methods based on joint sets ", 3th Iranian rock mechnics conference, May 2007
- 38 [en-name N/A], [en-name N/A], Homayoon Katibeh, [en-name N/A], "The iranian railway network and the most critical earthquake zones ", , October 2003

Taught Courses

#	Course title	Description	Headlines	Date
1	Water Resource Engineering	آشنایی با روشهای استخراج آبهای زیرزمینی، مشکلات و مسائل مبتلا به در بهره برداری از آبهای زیرزمینی.		Fall 2021
2	Advanced Groundwater	Introduction to Groundwater, Dracys Law, Bernoullis Law, Hydrology, water Wells, Hydraulic of Water Wells, Pumping Tests in Water wells, water well hydraulic in complicated cases, groundwater modeling.		Fall 2021
3	Dam Site Engineering	Learning and understanding of dams and dam site selection criteria		Fall 2021
4	Hydrogeology	.Introduction to Groundwater, Dracys Law, Bernoullis Law, Hydrology, water Wells, Hydraulic of Water Wells, Pumping Tests in Water Wells, Surface water hydrology.		Fall 2021

5	Environmental Geochemistry	Introduction to groundwater contamination, Different Contaminants and Contamination Sources		Spring 2021
6	Hydrogeology	.Introduction to Groundwater, Dracys Law, Bernoullis Law, Hydrology, water Wells, Hydraulic of Water Wells, Pumping Tests in Water Wells, Surface water hydrology.		Spring 2021
7	Water Resource Engineering	آشنایی با روشهای استخراج آبهای زیرزمینی، مشکلات و مسائل مبتلا به در بهره برداری از آبهای زیرزمینی.		Fall 2020
8	Dam Site Engineering	Learning and understanding of dams and dam site selection criteria		Fall 2020
9	Hydrogeology	.Introduction to Groundwater, Dracys Law, Bernoullis Law, Hydrology, water Wells, Hydraulic of Water Wells, Pumping Tests in Water Wells, Surface water hydrology.		Fall 2020