

## Curriculum Vitae



### **Professor**

Morteza Gholi Osanloo

Place of Birth: Tonekabon, Iran

Date of Birth: 2/3/1949

Department of Mining and Metallurgical Engineering  
Amirkabir University of Technology (Tehran Poly-technique)

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### ▪ **Academic background**

- 1- B.Sc Degree in Geology from University of Tehran; Iran (1971).
- 2- B.Sc in Geological Engineering, University of Oklahoma. Norman; USA (1977).
- 3- M.Sc in Geological Engineering, University of Oklahoma. Norman; USA (1979).
- 4- Ph.D in Geological Engineering (Major) Mining Engineering (Minor) University of Oklahoma "Norman; USA (1981).
- \*- M.Sc Thesis; Application of wheel front-end loader and crawler power shovel with reference to "SARCHESHMEH" copper mine in Iran
- \*\* -PhD Dissertation; Chemical cumminution for deep and thin bituminous coal by using "carbon-dioxide + water" as a solvent
- \*\* -General Exam Topic\* Drive an analytical model which can describe and illustrate the vibration (motion as well as propagation) of an underground mine roof and pillar as a result of surface mining blasts. The blast location is directly above the underground mine workings; Submitted to the faculty of graduate college in partial fulfillment of the requirements for the degree of Doctor of Philosophy in the school of geological engineering Aug; University of Oklahoma. Norman; USA; 1980

### ▪ **Employment and Teaching**

#### **Experience:**

- 1- Four Years at Sarcheshmeh Copper Mine of Iran (1972 - 1975) Iranian Supervisor of Mine Operations (last Position in Mine)
- 2- Graduate Advisor of Mining Department at the University of Amirkabir (1984 - 1988)
- 3- Chairman of Mining Department at the University of AmirKabir (1985 - 1989)
- 4- Head of Mining Engineering M.Sc Programmer of Azad University, " South Tehran Branch (1985 - 1993)
- 5- Dean of Engineering Faculty, Azad University South Tehran Branch (1989 - 1991)

- 6- Head of Mining Engineering Graduate Program of Azad University Science & Research of Tehran Campus (Ph D & M.S Program 1992 up to 2005)
- 7- Head of Mining Engineering Ph. D Program at the University of Amirkabir-(2003)
- 8- Coordinator of Mining Engineering PhD programmer, Azad University Science & Research Campus-Tehran 1995 up to 2008.

#### **Present Occupation**

Professor at the University of Amirkabir, Dept. of Mining, Metallurgy and Petroleum

#### **Teaching Activity**

- 1- Open Pit Optimization Techniques (Pit limits and Planning) ph. D Course
- 2- Mine Reclamation (PhD Course)
- 3- Advanced Surface Mining Methods (MSc)
- 4- Advanced Blasting (M.Sc)
- 5- Advanced Drilling Methods (M. S)
- 6- Advanced Open Pit Mining Methods (M. S)
- 7- Open Pit Mining Methods (B. S)
- 8- Surface Mining Methods (B. S)
- 9- Drilling Engineering (B. S)
- 10- Exploration Drilling (B. S)
- 11- Exploitation Drilling (B. S)
- 12- Coal Engineering (B. S)
- 13- Petroleum Engineering (B. S)
- 14- Fossil Fuels (B. S)
- 15- Soil Mechanic (B. S)
- 16- Special Topics 1 (Optimization techniques in open pit mines), PhD course
- 17- Special Topics in mining (exploitation) engineering, Msc course

#### **Scientific Societies**

- 1- Society of Mining Engineering of U. S. A. (SME) (Since 1980)
- 2- Society of Explosives Engineering of U. S. A (SEE) (Since 1980)
- 3- Society of Petroleum Engineering of U. S. A (SPE) (Since 1979)
- 4- Member of Editorial Board of International Journal of Engineering (IJE), National Center for Scientific Research Tehran- Iran since 1370 (1990), website: www.ije.ir
- 5- Journal of Amir Kabir, University of Amir Kabir. 1382 (2002)
- 6- Member of Scientific Committee of International Conference on Computer Applications in the Minerals Industries (CAMI 2003), Canada
- 7- Member of scientific Committee of international symposium on mine planning and Equipment selection (MPES)
- 8- Member of Editorial board of International Journal of Engineering Science (IJES), Iran University of science and technology (IUST), 1386-1387
- 9- Board of Materials and Energy Research Centre, (MERC)
- 10- A member of scientific board of "Cuprum Ore Mining Scientific and Technical Magazine" since 2012
- 11- A member of editorial board of Journal of Mining, Hindawi Publishing Corporation

#### **Awards**

- \* Selected as distinguished Professor of Mining Engineering by organizing committee MPES, CAMI and SWEMP 2009 in Banff, Canada
- \*\* Book of year:

1-By Cultural Ministry:

1376--Osanloo M., Surface Mining Methods, Planning and Design (Persian Language), Laadan Publication, Tehran 1994 (1374) 3 Volumes 955P

1386--Osanloo, M 2007, Surface mining methods, 2nd edition, Vol 1, 2, Amirkabir University of technology, 1040 P

2-By University of Tehran:

1385--Osanloo M. 1384 (2006) Surface mining methods, vol. 1, 2 University of Amirkabir, 1040P.

\*\*\*1-Winning an Oklahoma mining and mineral resource research institute scholarship-1980-1981

## ▪ Books

1. Osanloo, M, 1392(2014), Drilling Methods, 4th Edition, Seda Publication Co., 494 P.
2. Osanloo, M 1389(2010), Surface mining methods, 3rd edition(revised issue), Vol. 1, 2, Amirkabir University of technology, 1074 Pages
3. Osanloo, M 1389(2010), Cutoff grade and its role in mine design, Published by University of Amirkabir, 182 pages
4. Osanloo, M 1386(2007) Drilling Methods, edition, Seda Publication Co. New Version 440 P.
5. Osanloo, M 1386(2007), Surface mining methods, 2nd edition, Vol 1, 2, Amirkabir University of technology, 1040 P (Book of year, Awarded)
6. Osanloo M. 1382(2004), Drilling Methods, 2nd edition, Seda publication Co, 468P
7. Osanloo M. 1384 (2006) Surface mining methods, vol. 1, 2 University of Amirkabir, 1040P. (The Book of year by University of Tehran in 2006(1358))
8. Osanloo, M, Drilling Engineering (Persian Language) Azad University Publication co (South Branch) Tehran 1999 (1370) 436 p
9. Osanloo M., Mine Reclamation, (Persian Language) University of Amir Kabir (Polytechnic) Publication co. 2001 (1380) 222 p. Branch) Tehran 1999 (1370) 436 p
10. Osanloo M., Coal Engineering (Persian Language) Naghos Publication co. Tehran 1998 (1378) 320 p
11. Osanloo M., Drilling Methods (Persian Language): Seda Publication co. Tehran- Iran 1975 (1375) 468 p
12. Osanloo M., Surface Mining Methods, Planning and Design (Persian Language), Laadan Publication, Tehran 1994 (1374) 3 Volumes 955P. (The Book of Year in 1376)

## ▪ Publications - Journals

- 1) Osanloo, M, & M. Ataei, Using Equivalent Grade Factors to find the Optimum Cut off Grades of Multiple Metal Deposit, Minerals Engineering Journal, London (2003) PP 771-776. ISI
- 2) Osanloo, M. et al., Factors Influenced in Site Selection for Waste Rock Disposal in Surface Mines, Journal of Mining Science-USA(2003) No.2 pp 148 – 153 ISI
- 3) Osanloo, M and M. Ataei, Method for calculation of Optimal cut off grades in complex ore Deposits Journal of Mining Science. U.S.A (2003) vol 3 No 5 PP 503 – 511. ISI
- 4) Osanloo, M and M. Ataei, Determination of Optimum Cut Off Grades of Multiple Metal Deposit by Using Golden Section Search Method's South African International Journal of Mining and Metallurgy-SAIMM(2003) pp. 493 – 499, ISI
- 5) Osanloo, M, & M. Ataei, Factors Influenced to Select The Suitable Site For waste Disposal in Surface Mine, Institute of Mining Journal, Siberian Branch, The Russian Academy of Science (Russian Language July- 17 – 2003) P49 – 54. ISI
- 6) E. Jorjani, B. Rezai, M. Osanloo, oxidation pretreatment for enhancing Desulfurization of coal with sodium bioxide, minerals Engineering (2004) PP.545-552 ISI

- 7) E. Jorjani, B. Rezai, M. Osanloo, Desulfurization of Tabbas coal with microwave Irradiation / peroxyacetic washing at 25o, 55o and 85oC “Fuel” (2004)pp. 943 – 949 ISI
- 8) Morteza. Osanloo & A. Hekmat, Prediction of loading system Productivity based on large blasting fragmented rock “Journal of mining Science (USA) vol. 40. No. 5 (2005), pp. 177-184 ISI.
- 9) E. Jorjani, B. Rezai, & M. Osanloo, Biodesulfurization of Tabas Coal by micro organisms isolated from Coal washery plant Tailing Dump, Journal of Mining Science USA, No. 3, Sept – 2004, pp. 310-320. ISI
- 10) M. Osanloo & J. Gholamnejad and B. Karimi, A chance constrained programming approach for open - pit long – term production scheduling in stochastic environment, the Journal of the south African institute of mining and metallurgy (SAIMM) Feb- 2006, vol. 108, pp. 17-126 (ISI).
- 11) M. Osanloo and J. Gholamnejad & B. Karimi, long–term open-pit mine production planning: A Review of models and algorithm, International Journal of Mining Reclamation and Environment, Canada, July 2007, pp. 1 -33 (Review paper).
- 12) M. Osanloo and J. Gholamnejad, 2007, Incorporation of ore grade uncertainty into push back design process, The Journal of the South African Institute of Mining and Metallurgy (SAMMI), Vol. 107, pp. 177-185 (ISI).
- 13) Osanloo M. & Gholamnejad J., 2007, Using chance-constrained binary integer programming in optimizing long term production scheduling for open-pit mine design, Mining Technology, London, vol.117, No. 2, pp.58-66 (ISI).
- 14) Osanloo,M, & SoltanMohamadi, Hosein, Deriving preference order of post mining land uses through MLSA Framework; Environmental geology (ISI) Accepted paper (USA)
- 15) Osanloo, M, Rashidnejad, F & Rezai; In Corporation of environmental issues into the optimum cutoff grades modeling at porphyry copper deposit, Resource policy ISI submitted Dec-2007 Accepted
- 16) Osanloo, M, Rashidnejad, F & Rezaie, B. "An Environmental oriented model for optimum cutoff grades in open-pit mining project to minimize AMD", International Journal of Environmental Science and Technology (IJEST) Accepted Jan-6-2008 (ISI)
- 17) Osanloo, M, Rashidnejad, F & Rezaie, B. "Sustainable optimum operation cutoff grades for sulfide deposit: Case study Sungun copper project of IRAN, Environmental modeling and software submitted, ISI
- 18) Osanloo, M; Soltanmohammadi and Aghajani, A, Achieving to some out ranking relation ship between post mining land uses through mined land suitability analysis, Int. J. Environ. Sci. Tech., 5 (4), 535-546, Autumn 2008, ISI
- 19) Osanloo M; Nikbakhtan B, The examination of jet grouting influence and its parameters of soil physical & mechanical properties, International Journal of Rock Mechanic & Mining Science, 2008 Under Review, ISI
- 20) Osanloo M, Ataei M; Laboratory investigation of rock properties influencing the penetration rate of pneumatic top hammer drills, International Journal of Rock Mechanic & Mining Science, 2008 Under Review, ISI
- 21) Osanloo M, Gholamnejad J, & Karimi B; Long-term open pit mine production planning: A review of models and algorithms, International Journal of Mining,Reclamation and Environment,Vol. 22 No. 1 March 2008 PP. 3-35, (review paper)
- 22) Osanloo, M, The Design of Mouteh Gold Deposit of Iran, Journal of Mines -Metals and Feul India (1994) Vol XL II No. 10 PP. 227-230.
- 23) Osanloo, M and M. Ataei. Using Combination of Genetic Algorithm and Grid Search Method to Determine Optimum Cut-Off Grades of Multiple-Metal Deposit, International Journal of Surface Mining, Reclamation and Environment (IJSM) Canada (2003) Issue 4.vol-17 PP. 60-77.
- 24) Osanloo, M. Iranian Gold Development, Mining Journal, London, April – (1993) pp. 292 – 293
- 25) Osanloo, M., Iran’s Mouteh Gold Deposit, Mining Magazine, London, June (1993) p309 – 310
- 26) Osanloo, M. Effect of Vibration of Surface Mining Blast on Near Structure, Journal of Amir Kabir Tehran 1985(1365) Volume 5 P13 – 16
- 27) Osanloo, M, Determination of Final Pit Limits of Jallal Abad Iron Mine of Iran by Dynamic Programming, International Journal of Engineering Science, University of Science and Technology, Tehran 1994 (1374) vol. 6 No. 2 PP. 41 – 51
- 28) Osanloo, M, Mathematical Model for Drilling Speed in Rock Penetration, Engineering Systems Design and Analysis London, ASME (1994) vol. 70 PP 257 – 260
- 29) Osanloo, M, Determination of Blast Hole Parameters Based on Field Results, International Journal of Engineering, National center for scientific Research Tehran (1997) vol – 10 No. 4 PP – 229 – 234.

- 30) Osanloo, M, Using 2D Lerchs and Grossmann Algorithm to Design Final Pit Limits of Sungun Copper Mine of Iran, International Journal of Engineering National center, for Scientific Research Tehran (2000) vol. 13. No 4, PP 81-89.
- 31) Osanloo, M, the Possibility of Using CO<sub>2</sub> + H<sub>2</sub>O AS A Solvent for Extraction of Deep and thin Coal, Journal of Amir Kabir Tehran 1984 (1364) No. 1 PP 9-22.
- 32) Osanloo, M. and m. Ataei Determination of Optimum Cut off Grade of Open-Pit Mine With the Objective of Increasing NPV, International Journal of Engineering Science University of Science and Technology-Tehran 2002 (1382) pp.
- 33) Osanloo, M, and m. Ataei , Determination of Optimum Cut off Grade of Multiple Metal Deposits by Iterated Grid Search Method: International Journal of Engineering Science University of Science and Technology- Tehran 2002 (1382)pp. 79-88
- 34) Osanloo,M, Rezaei, B. and Jorjani E., The Characteristic measurement of Tabas Coal Mine (layer –C1) International Journal of Engineering Science University of Science and Technology Tehran 2002 -(1382) vol. 15 No 5 pp. 45-60.
- 35) Osanloo, M, Mechanism of Jet Drills, Mines and Metals Magazine Ministry of Mines and Metals Tehran 1997 (1377) No 63 PP 31 – 36.
- 36) Osanloo, M, Engineering Classification of Rock Mass by RMR and SMR with the Objective of Pit Slope Determination, Mines and Metals Magazine Tehran (1374) PP. 49 – 51.
- 37) Osanloo, M, Optimization of Haulage Systems of Choghart Iron Mine of Iran, Faraz, Published by Steel Industry Magazine of Iran 2000 (1380) No, 22. PP 40-45.
- 38) Osanloo, M., Mathematical Model Developed. To Predict Drilling Speed and those Parameters are Effecting Rock Penetration, Journal of Engineering, Azad. University South Branch 1991 (1371), PP. 3 -11
- 39) Osanloo, M, Classification of Mathematical Model for Prediction of Fragmented Rock, Mines & Metal Magazine Tehran. Ministry of Mines & Metals 1998 (1378) No. 66 PP 58-67.
- 40) Osanloo, M, the Possibility of Using Controlled Blasting Methods in Quarry Mines, Mines & Metals Magazine Tehran Ministry of Mines and Metals. 1993 (1373) PP. 30-36
- 41) Osanloo,M, The Study and Comparison of Present Drilling Speed Mathematical Models, Ghostrash of Tolid and Omran of Iran Magazine Esfahan Iran 1991 (1371) No, 31 PP. 24-30.
- 42) Osanloo, M, Economic Development and Importance of Using Advanced Mining Methods, Ghostrash of Tolid and Omran of Iran Magazine; Esfahan Iran 1989 (1369) No. 26 PP 50-53.
- 43) Osanloo, M, Energy, Consumption, Reserve and Future, Ghostrash of Tolid and Omran of Iran Magazine: Esfahan. 1991 (1371) No. 34 PP 8-11.
- 44) Osanloo, M, The possibility of Using Controlled Blasting Techniques in Marble Mine of Hezardareh (Lashotor) of Isfahan: Mines and Metal Magazine Tehran. Ministry of Mines & Metals -Spring 1993 (1373) pp.4-9
- 45) A. A. BAZZAZI, M. OSANLOO,B. KARIMI, 2011, A new fuzzy multi criteria decision making model for open pit mines equipment selection, Asia-Pacific Journal of Operational Research (APJOR), Volume: 28, Issue: 3(2011) pp. 279-300, ISI
- 46) Asieh Hekmat, Morteza Osanloo and Parviz Moarefvand, 2011, Block size selection with the objective of minimizing the discrepancy in real and estimated block grade, Arabian Journal of Geosciences, Online, 11 April 2011, ISI
- 47) Abbas Aghajani Bazzazi, Morteza Osanloo, Behrooz Karimi, 2010, Deriving preference order of open pit mines equipment through MADM methods: Application of modified VIKOR method, Expert Systems with Applications, Available online 3 September 2010, ISI
- 48) A. Azadeh, M. Osanloo, M. Ataei,2010, A new approach to mining method selection based on modifying the Nicholas technique, Applied Soft Computing, Volume 10, Issue 4, September 2010, Pages 1040-1061, ISI
- 49) Y. Azimi, M. Osanloo, M. Aakbarpour-Shirazi, A. Aghajani Bazzazi, 2010, Prediction of the blastability designation of rock masses using fuzzy sets, International Journal of Rock Mechanics and Mining Sciences, Volume 47, Issue 7, October 2010, Pages 1126-1140, ISI
- 50) H. Soltanmohammadi, M. Osanloo, A. A. Bazzazi , 2010, An analytical approach with a reliable logic and a ranking policy for post-mining land-use determination, Land Use Policy, Volume 27, Issue 2, April 2010, Pages 364-372, ISI

- 51) AKBARI, A.D., OSANLOO, M., SHIRAZI, M.A. ,2009, Reverse estimation on open pit mine under price uncertainty by real option approach, Mining Science and Technology (China) on ScienceDirect, 19 (6), pp. 709-717, ISI
- 52) Hoseinie, S.H., Ataei, M., Osanloo, M., 2009, A new classification system for evaluating rock penetrability, International Journal of Rock Mechanics and Mining Sciences 46 (8), pp. 1329-1340, ISI
- 53) Akbari, A.D., Osanloo, M., Shirazi, M.A.,2009, Movable reserve estimation while determining ultimate pit limits (UPL) under price uncertainty by real option approach (ROA), Archives of Mining Sciences 54 (2), pp. 321-339, ISI
- 54) Soltanmohammadi, H., Osanloo, M., Bazzazi, A.A., 2009, Deriving preference order of post -mining land -uses through mlsa Framework:Application of an Outranking Technique, ENVIRONMENTAL GEOLOGY, 58 (4), pp. 877-888, ISI
- 55) F. Rashidinejad, M. Osanloo & B. Rezai , 2008, Cutoff Grades Optimization With Environmental Management:A Case Study:Sungun Copper Project, International Journal of Engineering, Vol. 19, No.5-1, 2008, Page 1-13 , ISI
- 56) A.D. Akbari, M. Osanloo, M.A. Shirazi, 2008, determination of Ultimate Pit Limits in Open Mines Using Real Option Approach, International Journal of Engineering, vol. 19, no 5-1, pp 23-38, ISI
- 57) Nikbakhtan, B., Osanloo, M., 2008, Effect of grout pressure and grout flow on soil physical and mechanical properties in jet grouting operations, International Journal of Rock Mechanics and Mining Science, 46 (3), pp. 498-505, ISI
- 58) Bazzazi, A.A., Osanloo, M., Karimi, B., 2009, Optimal Open Pit Mining Equipment Selection Using Fuzzy Multiple Attribute Decision Making Approach, ARCHIVES OF MINING SCIENCES, 54 (2), pp. 301-320, ISI
- 59) Hekmat, A.; Osanloo, M.; Shirazi, Akbarpour, 2008, Loading-haulage equipment selection in open pit mines based on fuzzy-topsis method, Mining Technology, Volume 117, Number 1, 2008 , pp. 24-31(8), ISI
- 60) Yoosef Azimi - Osanloo, M, - Akbar Esfahanipour - , "An uncertainty based multi-criteria ranking system for open pit mining cut-off grade strategy selection" , Resources Policy , Vol.38 , NO.1 , PP.212 \_ 223 , 15 March2013
- 61) Nabiollah Adibee - Osanloo, M, - Mehdi Rahmanpour - , "Adverse effects of coal mine waste dumps on the environment and their management" , Environmental Earth Sciences , Vol.online , NO.1 , PP.1 \_ 12 , 31 January2013
- 62) Azimi, Y, Osanloo, M, - Esfahanipour A, "Selection of the open pit mining cut-off grade strategy under price uncertainty using a risk based multi-criteria ranking system" , Archives Of Mining Sciences , Vol.57 , NO.3 , PP.741 \_ 768 , 22 November 2012
- 63) Mohammad Esmaeili - Osanloo, M, - Farshad Rashidinejad - Abbas Aghajani Bazzazi - 5: Mohammad Taji - , "Multiple regression, ANN and ANFIS model for prediction of backbreak in the open pit blasting" , Engineering With Computers , Vol.28 , NO.4 , PP.0 \_ 12 , 09 November 2012
- 64) Osanloo, M, "Future challenges in mining division, Are we ready for these challenges? Do we have solid educational programs?" , Cuprum , Vol.3 , NO.64 , PP.61 \_ 70 , 12 July 2012
- 65) Somayye Narrei - Osanloo, M, "post-mining land-use methods optimum ranking, using multi attribute decision techniques with regard to sustainable resources management" , OIDA International Journal of Sustainable Development , Vol.2 , NO.11 , PP.65 \_ 76 , 07 December 2011
- 66) Abbas Aghajani Bazzazi - Osanloo, M, Behrooz Karimi, "A new fuzzy multi criteria decision making model for open pit mines equipment selection" , Asia-Pacific Journal Of Operational Research , Vol.28 , NO.3 , PP.279 \_ 300 , 27 May 2011
- 67) Moradi Afrapoli A., Osanloo M., "Determination and stability analysis of ultimate open-pit slope under geomechanical uncertainty" , International Journal of Mining Science and Technology , Vol. online , NO.0 , PP.1 \_ 6 , 11 January2014

### **Publications - conference papers**

- 1) Fazeli, M., Osanloo, M, M. Rezae, R.Q.Honaker, "mine facility location selection in open pit mines using a new multistep-procedure", SME annual meeting & exhibit , United States , 17 February2014 \_ 20 February2014
- 2) AllahKarami, Z., Osanloo, M, "Reliability Modeling of Bucket System of Shovel in Open pit mines - A Case Study on a Hydraulic Shovel at Songun Copper Mine in Iran", 3rd International Conference on Reliability Engineering, Tehran, 2014

- 3) Narges Gheisari, Osanloo, M, Akbar Esfahanipour - Mohajer Mansouri , "Closure risk assessment in Atashkoo stone quarry using risk matrix" , Mine Planning and Equipment Selection (MPES) , Germany , 14 October2013 \_ 19 October2013
- 4) Milad Barzegar Toochahi - Saba Gharehdashi - Osanloo, M, "Damage analysis in rock rotary tricones bit- a case study" , Mine Planning and Equipment Selection (MPES) , Germany , 14 October2013 \_ 19 October2013
- 5) Mehdi Rahmanpour, Osanloo, M, "Determining the most effective factors on open pit mine plans and their interactions" , Mine Planning and Equipment Selection (MPES) , Germany , 14 October2013 \_ 19 October2013
- 6) Osanloo, M, Mehdi Rahmanpour - , "Mine design selection considering sustainable development" , Mine Planning and Equipment Selection (MPES) , Germany , 14 October2013 \_ 19 October2013
- 7) Mohajer Mansouri, Osanloo, M, Narges Gheisari - , "Establishing a sustainable model to reduce the risk of mine closure" , Mine Planning and Equipment Selection (MPES) , Germany , 14 October2013 \_ 19 October2013
- 8) Mehrdad Fazeli Salmani - Osanloo, M, "Mine facility location selection in open-pit mines based on a new multistep-procedure" , Mine Planning and Equipment Selection (MPES) , Germany , 14 October2013 \_ 19 October2013
- 9) Narges Gheisari - Osanloo, M, Mohajer Mansouri - , "Prioritize utilization of abandoned stone quarries in Isfahan province using ELECTER1" , 1st International Conference on Mining, Mineral Processing, Metallurgical and Environmental Engineering , Iran (Islamic Republic of) , 16 September2013 \_ 20 September2013
- 10) Mehdi Rahmanpour, Osanloo, M, "Application of a mathematical model to assess the sustainability of Sungun copper mine" , 1st International Conference on Mining, Mineral Processing, Metallurgical and Environmental Engineering , Iran (Islamic Republic of) , 16 September2013 \_ 20 September2013
- 11) S.H. Amini Osanloo, M, R.Q. Honaker - , "The optimization of short-term iron open-pit production scheduling while minimizing stripping ratio" , Innovations in Mining Engineering , United States , 09 September2013 \_ 12 September2013
- 12) Marziyeh Minaei Mobtaker, Osanloo, M, "Prediction of iron ore mine closure causes under uncertainty condition, using Vikor technique" , 6th International Conference on Sustainable Development in the Minerals Industry , Greece , 30 June2013 \_ 03 July2013
- 13) Mehdi Rahmanpour, Osanloo, M, Nabiollah Adibee, "An approach to determine the location of an in pit crusher in open pit mines" , 23rd International Mining Congress and Exhibition of Turkey (IMCET 2013) , Turkey , 16 April2013 \_ 19 April2013
- 14) Mehdi Rahmanpour - Morteza Ghali Osanloo - , "A genetic algorithm for pit limit and blending optimization" , 23rd International Mining Congress and Exhibition of Turkey (IMCET 2013) , Turkey , 16 April2013 \_ 19 April2013
- 15) Mohsen Jamshidi - Morteza Ghali Osanloo - , "Selecting the suitable haulage system using HPVS method, considering sustainable development" , 23rd International Mining Congress and Exhibition of Turkey (IMCET 2013) , Turkey , 16 April2013 \_ 19 April2013
- 16) ali abbasi - morteza ghali osanloo - r. khalokakaie - , "Developing the software program to evaluate the potentiality of open pit mining method of ore deposit " , 23rd International Mining Congress and Exhibition of Turkey (IMCET 2013) , Turkey , 16 April2013 \_ 19 April2013
- 17) Milad Barzegar Toochahi - Saba Gharehdashi - Morteza Ghali Osanloo - , "Considering of damage in different parts of rotary three cone bit - A case study of Golgozar mine" , 23rd International Mining Congress and Exhibition of Turkey , Turkey , 16 April2013 \_ 19 April2013
- 18) Mehrdad Fazeli Salmani - Morteza Ghali Osanloo - , "The impact of interaction between mine facility location selection criteria on final ranking of site alternatives " , 23rd International Mining Congress and Exhibition of Turkey (IMCET 2013) , Turkey , 16 April2013 \_ 19 April2013
- 19) Ali Mahmoodi Moghanlu - Morteza Ghali Osanloo - Akbar Esfahanipour - , Mining project selection using real options" , The 2013 conference on Accounting, Financial Management and Investment (CAFMI) , Iran (Islamic Republic of) , 14 February2013 \_ 14 February2013
- 20) Mehdi Rahmanpour - Morteza Ghali Osanloo - , "Pit limit determination considering blending requirements" , Mine Planning and Equipment Selection (MPES 2012) , India , 28 November2012 \_ 30 November2012
- 21) Mehdi Rahmanpour - Morteza Ghali Osanloo - , "Risk analysis of mine closure considering sustainable planning" , Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP 2012) , India , 28 November2012 \_ 30 November2012
- 22) Ali Moradi Afrapoli - Morteza Ghali Osanloo - , "Open-pit slope design under geomechanical uncertainty using Monte Carlo based analysis" , Mine Planning and Equipment Selection (MPES 2012) , India , 28 November2012 \_ 30 November2012

- 23) Elham Sadat Khyireyeh - Mortezaigholi Osanloo - , "The optimal dispatching station site selection effective factors in open-pit mines" , Mine Planning and Equipment Selection (MPES 2012) , India , 28 November2012 \_ 30 November2012
- 24) Mohsen Jamshidi - Mortezaigholi Osanloo - , "The necessity of directing mining activities towards sustainable development" , International Mining Congress & Expo 2012 , Iran(Islamic Republic of) , 26 October2012 \_ 29 October2012
- 25) Ali Moradi Afrapoli - Mortezaigholi Osanloo - , "Geomechanical property uncertainty effect on stability of open pit mine slope (comparison between two important copper mines in Middle East and Europe) " , 7th Asian Rock Mechanics Symposium , Korea, Republic of , 15 October2012 \_ 19 October2012
- 26) Nabiollah Adibee - Mortezaigholi Osanloo - Mehdi Rahmanpour - , "coal mine waste dump reclamation" , 1st Iranian coal congress , Iran (Islamic Republic of) , 29 August2012 \_ 31 August2012
- 27) Mehdi Rahmanpour - Mortezaigholi Osanloo - , "coal market and coal price prediction" , 1st Iranian coal congress, Iran (Islamic Republic of) , 29 August2012 \_ 31 August2012
- 28) Zohre Rezaei - Mortezaigholi Osanloo - , " sustainable development issues of small mines" , 1st Iranian coal congress, Iran (Islamic Republic of) , 29 August2012 \_ 31 August2012
- 29) Mohsen Jamshidi - Mortezaigholi Osanloo - , "future of coal" , 1st Iranian coal congress, Iran (Islamic Republic of) , 29 August2012 \_ 31 August2012
- 30) Mortezaigholi Osanloo - , "future of mining engineering educational system (2030-2020), 1st Iranian coal congress, Iran (Islamic Republic of) , 29 August2012 \_ 31 August2012
- 31) Mehdi Rahmanpour - Mortezaigholi Osanloo - , "open pit copper mining and sustainable development" , 2nd international copper ore mining congress , Poland , 16 July2012 \_ 18 July2012
- 32) Mortezaigholi Osanloo - , "Future challenges in mining division, Are we ready for these challenges? Do we have solid educational programs?" , 23rd Annual General Meeting of the Society of Mining Professors , Poland , 12 July2012 \_ 16 July2012
- 33) Somayye Narrei - Mortezaigholi Osanloo - , "Post-mining land-use methods optimum ranking, using multi attribute decision techniques with regard to sustainable resources management" , International Conference on Sustainable Development 2012 , Malaysia , 05 December2011 \_ 07 December2011
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