

CURRICULUM VITAE

Personal Information

Name: Hamid Mansouri

Date of Birth : April 30, 1965

Place of Birth : Kerman, Iran

Gender: Male

Marital Status: Married

Mailing Address: Mining Engineering Department, Faculty of Engineering, Shahid Bahonar University of Kerman, Jomhouri Eslami Blvd., Kerman, Iran

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Education

1984 – 1989 B. Eng. (Mining Engineering), Tehran University, Iran

1989 – 1992 M. Eng. (Mining Engineering), Amir Kabir University of Tehran, Iran,

1996 – 2000 Ph.D. (Mining and Environmental Engineering), Paris School of Mine, France

Work Experience

1992 to 994 Lecturer in Shahid Bahonar University of Kerman. *Delivering the courses of blasting methods, rock mechanics and mining economy*

2000 to present Associate Professor of rock mechanics and Mining Engineering (Shahid Bahonar University of Kerman). *Delivering the courses of blasting methods, advanced blasting methods, rock mechanics, rock dynamics, advanced rock dynamics, open pit mining, mining economy*

Industrial Experiences and projects

2001 to 2006 On-site consultant for the Sarcheshmeh Copper Complex, Kerman, Iran

2006 to 2009 On-site consultant for the Pabedana Coal mine, Kerman, Iran

2004 to 2006 Industrial project of "application of controlled blasting in Sar Cheshmeh copper mine

2007 to 2008 Research project of "cut design in small-scale tunnels based upon hole depth (Hamkar coal mine)

2013 to 2014 Industrial project of "mine to mill optimization" in Gol Gohar Iron Ore Mine

Memberships

Member of rock mechanics society

Member of mining engineering society

Reviewer of Rock Mechanics and Rock Engineering journal

Reviewer of Computers and Geosciences journal

Reviewer of Int. J. of Rock Mechanics and Mining Sciences

Journal Papers

1. Fatahi H, Ebrahimi Farsangi M A, Shojaee S, Mansouri H, 2014. Selection of a suitable method for the assessment of excavation damage zone using fuzzy AHP in Aba Saleh Almahdi tunnel, Iran. *Arabian journal of geosciences*, DOI 10.1007/s12517-014-1280-7
2. Faramarzi F, Ebrahimi Farsangi M A , Mansouri H, 2014. Simultaneous investigation of blast induced ground vibration and airblast effects on safety level of structures and human in surface blasting. *International Journal of Mining Science and Technology*, Article in press
3. Mohammadi Azizabadi H R, Mansouri H, Fouché O, 2014. Coupling of two methods, waveform superposition and numerical, to model blast vibration effect on slope stability in jointed rock masses. *Computers and geotechnics*, 61: 42-49
4. Faramarzi F, Mansouri H, Ebrahimi Farsangi M A, 2013. Development of Rock Engineering Systems-Based Models for Flyrock Risk Analysis and Prediction of Flyrock Distance in Surface Blasting. *Rock Mech Rock Eng*, DOI 10.1007/s00603-013-0460-1
5. Faramarzi F, Mansouri H, Ebrahimi Farsangi M A, 2013. A Rock Engineering System Based Model to Predict Rock Fragmentation by Blasting. *International Journal of Rock Mechanics and Mining Sciences*, 60: 82-94
6. Babanouri P, Mansouri H, Karimi Nasab S, Bahaadini M, 2013. A coupled method to study blast wave propagation in fractured rock masses and estimate unknown properties. *Computers and geotechnics*, 49: 134-142
7. Faramarzi F, Ebrahimi Farsangi M A, Mansouri H, 2013. An RES-Based Model for Risk Assessment and Prediction of Backbreak in Bench Blasting. *Rock Mech Rock Eng*, 46:877-88
8. Fattahi H, Shojaee S , Ebrahimi Farsangi M A, Mansouri H, 2013. Hybrid Mont Carlo Simulation and ANFIS-Subtractive Clustering method for reliability analysis of excavation damage zone in underground spaces. *Computers and geotechnics*, 54: 210-221
9. Fattahi H, Ebrahimi Farsangi M A, , Shojaee S, Nekooei K, Mansouri H, 2013. Application of the hybrid harrmony search with support vector machine for identifications and classificatrion of damaged zone around underground spaces. *Int. J. of optimization in civil engineering*,3(2): 345-358
10. Fattahi H, Shojaee S , Ebrahimi Farsangi M A, Mansouri H, 2013. Using Latin hypercube sampling based on ANN-HPSOGA model for estimation of the creation of the probability of damaged zone around underground spaces. *Int. J. of optimization in civil engineering*,3(3): 389-408
11. Abdolahipour A, Mansouri H, 2012, SETDISCm a software for joint classification based on poisson clustering. *j. of analytical and numerical methods in mining engineering*, 2(4): 11-19
12. Dehghani A, Mansouri H, Ebrahimi Farsangi M A, 2012. An Investigation into the Feasibility of Substituting Dynamite with ANFO in Tunnel Blasting. *Iranian Journal of Mining Engineering*, Vol. 7, No. 17: 1-14
13. Esmaili A, Karimi Nasab S, Mansouri H, 2013. Two-dimensional geometrical modeling of discontinuities using MATLAB software. *Iranian Journal of Mining Engineering*, article in press
14. Masoomi H, Ebrahimi Farsangi M A, Mansouri H, Jamshidi H, 2012. An Optimized Grout Mix Design for EPB TBM Tunneling of Shiraz Metro in Dry Condition. *Iranian Journal of Mining Engineering*, Vol. 7, No. 14: 69-82
15. Souri E, Shahriar K, Mansouri H, 2006, Introduction a new method for calculating the blocks volume caused by joints effect in tunnels, *journal of Tunnelling and Underground Space Technology*, volume 21, issue 3-4
16. Karami A, Mansouri H, Ebrahimi Farsangi M A, Nezamabadi H, 2006. Backbreak prediction due to bench blasting: an artificial neural network approach. *Journal of Mines, Metals and Fuels*, special issue

17. Karkhi M, Mansouri H, Akbari Javar H, Najaf Abadi M, 2006. Pit optimization and long term production scheduling of Gol-e- Gohar area 3 Iron ore mine with Whittle 4X. Journal of Mines, Metals and Fuels, special issue
18. Hamzeh Nejadi A, Mansouri H, Ebrahimi Farsangi M A, Rafizadeh A, 2006. Long term planning of Gol-e-Gohar (area 1) iron ore mine, Iran. Journal of Mines, Metals and Fuels, special issue
19. Jahanyar Moghadam M, Ebrahimi Farsangi M A, Mansouri H, Nezamabadi H, 2006. Muk-Pile fragmentation prediction using artificial neural networks. Journal of Mines, Metals and Fuels, special issue

Papers Published in International Conferences

1. Souri E, Shahriar K and Mansouri H, 2003. Support system study of Marvdasht rail road tunnel. Third conference of geology and environment engineering, Hammadan, Iran
2. Bahaadini M, Karimi Nasab S, Mansouri H, 2004. Rock mass blastability description using fractal dimension. Second rock mechanic conference, Tehran, Iran
3. Mansouri H, Ebrahimi Farsangi M A, 2003. Blast vibration modelling in Sar Cheshmeh Mine. 19th world mining congress, New Delhi, India
4. Mansouri H, Taghi Zadeh N, 2005. Muck pile size distribution evaluation in Gol e Gohar iron mine by image analysis technique,
5. Nasiri Nejad A, Shahriar K, Mansouri H, 2004. Powder factor evaluation in Gol e Gohar iron mine using drilling data. Second rock mechanic conference, Tehran, Iran
6. Taghi Zadeh N, Mansouri H, Ebrahimi Poor R, Zamani F, 2005. The validity of image analysis technique to evaluate muck pile distribution of Gol e Gohar iron mine. Second open pit mining conference, Iran
7. Ebrahimi H, Mansouri H, Amir Rahmat M, 2005. The validity of image analysis technique to evaluate muck pile distribution of Sar Cheshmeh copper mine. Second open pit mining conference, Iran
8. Saberi M M, Amir Rahmat M, Mansouri H, 2005. Analysis of blast vibration in west wall or Sar Cheshmeh copper mine. Second open pit mining conference, Iran
9. Tajadodian Far R, Mansouri H, 2003. Drilling and blasting pattern optimization in Chele khani limestone mine by image analysis technique. The first conference on mine drilling, Bafgh, Yazd, Iran
10. Hemeti Kia H, Shahriar K, Mansouri H, 2005. Geomechanic parameters effects on excavation method selection of Alborz tunnel. The second national conference on civil engineering
11. Mansouri H, Hekmat A, 2003. Drilling pattern design using in-situ blocometry and muck pile distribution. The first conference on mine drilling, Bafgh, Yazd, Iran
12. Aghajani A, Mansouri H, Ebrahimi Farsangi M A, Atash Panjeh A, 2006. Application of Controlled Blasting (Pre-splitting) Using Large Diameter Holes in Sarcheshmeh Copper Mine. Fragblast 8, chilli
13. Firouzadj A, Ebrahimi Farsangi M A, Mansouri H, Kashi Tarash S, 2006. Application of Controlled Blasting (Pre-splitting) in Sarcheshmeh Copper Mine. Fragblast 8, chilli
14. Mansouri H, Saberi M M, Amir Rahmat M, 2006. Blast Vibration Potential Causing Instability on the West slope at Sar Cheshmeh Copper Mine. Fragblast 8, chilli
15. Manosouri H, Shiva H, Ebrahimi Farsangi M A, Darbani H, 2009. Tunnel blast pattern design using short holes. Fragblast 9, spain
16. Afsharian M, Ebrahimi Farsangi M A, Mansouri H, 2009. Hard rock dimension stone quarrying using control blasting. Fragblast 9, spain

17. Salari J, Ebrahimi Farsangi M A; Manosouri H; 2009. Blasting in a large scale opening gallery- case study. Fragblast 9, Spain
18. Yaghoobi H, Mansouri H., Ebrahimi Farsangi M A, 2011. TBM performance prediction based upon Q_{TBM} method. Fourth national conference on Rock mechanics, Tehran, Iran
19. Moradi M, Mansouri H, Biati M, 2011. Developing an empirical relation between vulnerability index and advance rate of TBM. Fourth national conference on Rock mechanics, Tehran, Iran
20. Azari P, Mansouri H, 2011. Statistical analysis of discontinuities in surface exposure. Seventh conference on engineering geology, Shahrood, Iran
21. Yavari F, Mansouri H., Ebrahimi Farsangi M A, 2011. Determination of TBM advance rate by RES-CQC method. First Asian Tunnelling symposium, Tehran, Iran
22. Azari P, Mansouri H, Jalali Far H, Esmail Zadeh A, 2011. Statistical simulation of discontinuities and stability analysis of blocks around underground spaces. First Asian Tunnelling symposium, Tehran, Iran
23. Mohammadi H, Manosouri H, 2011. Prediction and optimization of blast vibration in Gol-e-Gohar Iron mine, First Asian Tunnelling symposium, Tehran, Iran
24. Faramarzi F, Mansouri H, Ebrahimi Farsangi M A, Monjezi M, 2012. Fragmentation risk assessment in open-pit blasting using interaction matrix-vulnerability index method. The proceeding of Fragblast 10 workshop