

Curriculum Vitae



Associate Professor

Javad Gholamnejad

Place of Birth: Tehran, Iran.

Date of Birth: 25/06/1979.

Address: Department of Mining and Metallurgical Engineering, Yazd University, Yazd, Iran.

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Academic Background

1- B.Sc Degree in Mining Engineering, Yazd University; Iran (2001).

2- M.Sc in Mining Engineering, Tehran University; Iran (2003).

* M.Sc Thesis; Overall Slope Stability of Chadormalu Open pit mine Using Analytical and Numerical methods.

3- Ph.D in Mining Engineering, Amir Kabir University of Technology; Iran (2007).

*PhD Dissertation; Long-Term Production Scheduling of open pit mines considering Geological Uncertainty.

Present Occupation

Associate Professor at the Yazd University, Department of Mining and Metallurgical Engineering, Yazd University, Yazd, Iran.

Teaching Activity

1- Production Scheduling in Open pit mines-(Ph.D Course).

2- System Analysis in Mines – (PhD Course).

3- Advanced Surface Mining Methods- (MSc)

4- Advanced Operations Research- (M.Sc).

5- Technical and Economic Analysis in mine- (M.Sc).

6- Advanced Open-Pit Mining Methods- (M.Sc).

- 7- The Principles of Mine Planning and Design- (B. Sc).
- 8- Surface Mining Methods (B. Sc).
- 9- Operations Research (B. Sc).
- 10- Mine Economy (B. Sc).
- 11- Static (B. Sc).

Management/ Administration Jobs

- 1- Deputy of Mining and Metallurgical Engineering Department, Yazd University, (2008 – 2011).
- 2- Director of Research Affairs, Yazd University, (2011-2012).
- 3- Chairman of Mining and Metallurgical Engineering Department, Yazd University, (2014 – 2015).
- 4- Deputy Director of Administrative and Financial Affairs of Yazd University, (2015-2017).

Scientific Societies

- 1- Member of Editorial Board of Journal of Engineering Analytical and Numerical Methods in Mining Engineering (Publisher: Yazd University), website: www.anm.yazd.ac.ir.
- 7- Member of scientific Committee of the Third Conference on Iranian Mining Engineering.
- 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
- 12- A member of editorial board of the journal Mining of Mineral Deposits, A National Mining University Publishing, Ukraine.

Publications-Journals

- ✓ **Gholamnejad**, J., Osanloo, M. and Karimi, B., 2006. "A Chance-Constrained Programming Approach for Open Pit Long-Term Production Scheduling in Stochastic Environments". The journal of south African Institute of Mining and Metallurgy (SAIMM), Vol. 106, PP. 117-126. (ISI journal).
- ✓ **Gholamnejad**, J. 2008, " A zero-one integer programming model for open pit mining sequences" , The journal of south African Institute of Mining and Metallurgy (SAIMM), VOLUME 108, DECEMBER 2008, PP. 759-762.
- ✓ **Gholamnejad**, J. 2009, "Incorporation of rehabilitation cost into the optimum cut-off grade determination " , The journal of south African Institute of Mining and Metallurgy (SAIMM), In Press. (ISI journal).
- ✓ **Gholamnejad**, J. and Osanloo, M, 2007, " Incorporation of Ore Grade Uncertainty into Push Back Design Process" , The journal of south African Institute of Mining and Metallurgy (SAIMM), Vol. 107, PP. 177-185. (ISI journal).
- ✓ J. **Gholamnejad** and E. Moosavi, A new mathematical programming model for long term production scheduling considering geological uncertainty, The Journal of The South African Institute of Mining and Metallurgy, 2012.
- ✓ J. **Gholamnejad** and S. Kasmaee, Optimum blending of iron ore from Choghart stockpiles by using goal programming, J. Cent. South Univ, 2012.
- ✓ Osanloo, M and **Gholamnejad**, 2007 "Using Chance-Constrained Binary Integer programming in Optimizing Long-Term Production Scheduling for Open Pit Mine Design",

Trans. Inst. Min. Metall. (Mining Technology), The institution of mining and metallurgy, Vol. 116, No. 2, PP. 58-66.

- ✓ **Gholamnejad**, J., Osanloo, M and E. Khorram, 2008 "A CHANCE CONSTRAINED INTEGER PROGRAMMING MODEL FOR OPEN PIT LONG-TERM PRODUCTION PLANNING", IJE Transactions A: Basics, Vol. 21, No. 1, November 2008 - 3.
- ✓ Osanloo, M., **Gholamnejad**, J. and Karimi, B." Long-Term Open Pit Mine Production Planning: A Review of Models and Algorithms". Int. Journal of Mining, Reclamation and Environment, 2007.
- ✓ E. Moosavi,, **J. Gholamnejad**, M. Ataee-pour and E. Khorram, " Optimal extraction sequence modeling for open pit mining operation considering the dynamic cutoff grade", Journal of Mining Science, 2016, Volume 52, Issue 5, pp 956–964.
- ✓ E. Moosavi,, **J. Gholamnejad**, M. Ataee-pour and E. Khorram, "A Hybrid Augmented Lagrangian Multiplier Method for the Open Pit Mines Long-Term Production Scheduling Problem Optimization", Journal of Mining Science, 2014, Volume 50, Issue 6, pp 1047–1060.
- ✓ E. Moosavi,, **J. Gholamnejad**, M. Ataee-pour and E. Khorram, "Improvement of Lagrangian relaxation performance for open pit mines constrained long-term production scheduling problem", Journal of Central South University, 2014, Volume 21, Issue 7, pp 2848–2856.
- ✓ E. Moosavi,, **J. Gholamnejad**, "Long-Term Production Scheduling Modeling for the Open Pit Mines Considering Tonnage Uncertainty via Indicator Kriging", Journal of Mining Science 2015, Volume 51, Issue 6, pp 1226–1234.
- ✓ **J. Gholamnejad**, S. Kasmaee, A. Kohsary and A. Nezamolhosseini, "Grade estimation of ore stockpiles by using Artificial Neural Networks: case study on Choghart Iron Mine in Iran", 2012, International Journal of Mining and Mineral Engineering, 4(1):17 - 25.
- ✓ **J. Gholamnejad**, A. Azimi and M.R. Teymouri, " Application of stochastic programming for iron ore quality control", 2018, Journal of Mining and Environment, Volume 9, Issue 2, Page 331-338.
- ✓ M. Mohebbi, A.R. Yarahmadi, M. Fatehi Marji and **J. Gholamnejad**, " Rock mass structural data analysis using image processing techniques (Case study: Choghart iron ore mine northern slopes)", 2017, Journal of Mining and Environment, Volume 8, Issue 1, Page 61-74.
- ✓ Nezamolhosseini, S.H. Mojtahedzadeh and **J. Gholamnejad**, " The Application of Artificial Neural Networks to Ore Reserve Estimation at Choghart Iron Ore Deposit" Analytical and Numerical Methods in Mining Engineering, 2017, Vol.6, pages 73-83.
- ✓ S. Kasmaee, **J. Gholamnejad**, A.R. Yarahmadi and S.H. Mojtahedzadeh, " Reserve estimation of the high phosphorous stockpile at the Choghart iron mine of Iran using geostatistical modeling", Mining Science and Technology (China), 2010, Vol. 20, Issue 6, Pages 855-860.
- ✓ **J. Gholamnejad**, A.H. Ansari, A. Yarahmadi and M. Taqizadeh, " Determination of Ore/Waste Boundary Using Indicator Kriging, Case Study: Choghart Iron Mine of Iran" International Journal of Engineering, TRANSACTIONS B: Applications Vol. 23, No. 3&4 (December 2010) 269-276.
- ✓ **J. Gholamnejad** and Alireza Mojahedfar, " Determination of the Largest Pit with the Non-negative Net Profit in the Open Pit Mines", Journal of Mining and Environment, Volume 2, Issue 1, Page 17-24.