Hossein Inanloo Arabi Shad

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Background of Education

- **Sep 2013 to present PhD. in Mining Engineering**
    - Faculty of Mining, Petroleum and Geophysics, Shahrood University of Technology, Shahrood, Iran
- **Sep 2007 to Jan 2010 M.Sc.in Mining Engineering**
    - Department of mining Engineering, Islamic Azad University, South Tehran Branch, Tehran, Iran
- **Sep 2002 to Feb 2007   B.Sc. in Mining Engineering**
    - Department of mining Engineering, Islamic Azad University, Shahrood Branch, Iran
- **Sep 1998-Jun 2001 High school Diploma**
    - Motahari High School, Tehran, Iran

Technical Skills

- **Desiging blast pattern**
- **Desiging Controlled blasting pattern**
- **Optimal mine design & scheduling**
- **Stability analysis of Tunnels**
- **Surveying with GPS & Total station**

Language Skills

- **English**   Intermediate
- **Arabic**   Intermediate

Computer Skills

- **General Software:**
  Microsoft Office, AutoCAD
- **Professional Software:**
  Surpac, Whittle, NPV Scheduler, MineSched Surface Scheduling, SPSS, Flac2D, Split Desktop

Work Experience

- **Feb 2009 to present : Kanikavan Consulting Company, Iran**
                        Mining Engineering at Chadormalu iron mine
- **Aug 2007 to Mar 2008 : Touranto Company, Iran**
                        Mining & Construction Equipment at Tehran
- **Jun 2001 to Jun 2003 : OuJ Negar Consulting Company, Iran**
                        Surveying Engineering at Tehran

Memberships

- **IOM3Association of England (EAGE)**
- **Iranian Mining Engineering Organization(IMEO)**
- **Young Researcher's Club**

References

Inanloo Arabi Shad H, Sereshki F, Ataei M *"Optimization of Controlled Blasting in Jointed Rock, Case Study: Western Walls of Chadormalu Iron Ore Mine"*, 2015, 3rd National Open Pit Mining Conference, Iran.

Inanloo Arabi Shad H, Ahangari K, *"An empirical relation to calculate the proper burden in blast design of open pit mines based on modification of the Konya relation"*,2012, International Journal of Rock Mechanics and Mining Sciences.

Inanloo Arabi Shad H, Naeemi Y, Ahangari K, *"Effect of blasting direction of presplit production in open pit slope stability based on surface monitoring, Case study: Chadormalu iron ore mine",* 2011, Journal of Earth & Resource, Lahijan University**.**

Inanloo Arabi Shad H, Ahangari K, *"Using artificial neural networks as complementary numerical methods for settlement prediction in Tabriz Metro Line 1 Tunnel",* 2010, Journal of Engineering Geology, Kharazmi University.

Inanloo Arabi Shad H, Lashkaripur Gh, Akbari M, *"Predicting of TBM penetration rate using the artificial neural networks (case study- Tabriz subway)"*, 2012, Journal of Engineering Geology, Kharazmi University.

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