

Curriculum Vitae

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Date of birth: 22 May 1972

Nationality: Iranian

1988 – 1992 Mathematics and Physics Diploma, Alavi High School, Tehran, Iran

1992 – 1996 B.Sc., Mining Engineering- Exploitation, Yazd University, Yazd, Iran

1996 – 2000 M.Sc., Mining Engineering- Exploitation, Amirkabir University of Technology (AUT), Tehran, Iran

(I obtained best grade (top student) in the selection examination for M.Sc.)

2000 – 2003 Excavation Engineer, Sepasad Engineering CO, Tehran, Iran

2002 – 2003 Tunnel Engineer, Ghaem Engineering CO, Tehran, Iran

2003 – 2007 PhD student in Clausthal University of Technology, Department of Surface Mining and International Mining, Institute of Mining

Supervisor: Prof. Dr.-Ing. habil. H. Tudeszki

Thesis title: Technical and economical optimization of surface mining processes – Development of a data base and a program structure for the computer-based selection and dimensioning of equipment in surface mining operations

2007 – 2008 Professor assistant., Clausthal University of Technology, Department of surface mining and international mining, institute of mining

Publications:

1. Comparison of steel fibre reinforced shotcrete and wire mesh sotcrete, First International Conference on Concrete and Development, 2001
2. Cost reduction by optimization of the primary crusher position, 20th World Mining Congress, 2005
3. Materials Handling in World Wide Surface Mines, Aggregates international (A I) 5/2006 pp. 10-14
4. Influence of tectonic rock mass stress of the stability of surface mine embankments, Aggregates international (A I) 6/2007 pp. 16-21

Research:

1. Measurement for an acoustic online- method for real- time material detection in hanging and base silt layers as well as in lignite seams in the second seam horizon of the Lausitz lignite, Germany
2. Options for limestone transportation from New Windsor quarry to Union Bridge Cement Plant, USA
3. Feasibility Study for New Windsor quarry, USA
4. Mining plan for New Windsor quarry, USA
5. Study to investigate and evaluate the geological and hydrological situation at the site in Evansville, USA
6. Planning and investigation on two versions for the design of off-pit dumps at the Sluiec quarry, Poland
7. Technical and economical investigation and planning of the Weliko Kaolin open pit, Ukraine
8. Expertise report about the highwall mining method in the Hambach Lignite mine ,Germany
9. Investigation on the analysis and calculation of the slope stability of the lead-zinc Anguran open pit mine
10. Feasibility study on the Kahnuj titanium deposit
11. Design of ventilation system (select of fan and booster fan station and duct diameter) for Ghomrud Water Conveyance tunnel
12. Technical and economical optimization of the Jettenbach diorite quarry, Germany
13. Investigation of gypsum deposits in Spain and France
14. Enhanced investigation on the optimization of the installing process of pipes by using HDD-Technology under special consideration of the transferability to in-field conditions, Department of surface mining and international mining, institute of mining, Clausthal University of Technology, Germany