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Mining faculty, Isfahan
University of technology,
Isfahan, Iran

Saeed Mahdevari

Personal Information

- Marital status: married
- Nationality: Iran
- Age: 32
- Place of Birth: Isfahan, Iran

Education

- M.Sc., Rock mechanics Engineering, 2001-2004, Tehran University, Iran
- B.Sc., Mining Engineering, 1997-2001, Tehran University, Iran
- High school Diploma, 1993-1997, Isfahan, Iran

Awards Received

- The best student at mining faculty, Tehran University, Iran, (1997-2001)

Professional Experience

- 2002-2004, Professional Engineer, Ministry of Road and Transportation, Tehran, Iran.
- 2004-2010, Lecturer and Researcher- Mining Engineering Department, Isfahan University of Technology, Isfahan, Iran.

Printed Articles

- Comparison between Suggested Support by Practical and Numerical Methods for TABAS Coal Mine Main Entries, 2004, Geotechnics and Mechanics of Material Journal, Vol. 95, p. 30-41, (in Persian).
- Prediction of Open TBM Utilization (by Multivariable Statistical Analysis), 2004, Iranian Mining Engineering Conference, Vol. 1, p. 619-632, (in Persian).
- Prediction of TBM Penetration Rate Using Neural Networks Method, 2006, Journal of Engineering Faculty, University of Tehran, Vol. 40, No. 1, p. 115-121, (in Persian).
- Prediction of Open TBM Utilization, 2007, Iranian Journal of Mining Engineering, Vol. 2, No. 3, p. 0-10, (in Persian).
- Determination the Geotechnical Parameters in Host Rock - South Part of Isfahan Subway- Using Back Analysis, 2008, Iranian Journal of Mining Engineering, Vol. 2, No. 4, p. 37-46, (in Persian).
- Leakage Quantity Investigation for Beheshtabad Water Transmission Tunnel Using Analytical and Numerical Methods, 2009, Iranian Journal of Mining Engineering, Vol. 4, No. 7, p. 63-71, (in Persian).
- Determination of Appropriate Pillar in Beheshtabad Diversion System by Using Numerical Modeling, 2009, 8th Iranian Tunnel Conference, (in Persian).
- Techno-Economical Evaluation of Steel Rib and Lattice Girder in Urban Tunnels - a Case Study of Isfahan Subway, 2009, Third Iranian Mining Engineering Conference, (in Persian).

- Printed Articles
- Investigation of Squeezing Potential for Beheshtabad Water Transmission Tunnel, 2009, Third Iranian Mining Engineering Conference, p. 396-401, (in Persian).
 - Determination of Required Thrust for Single and Double Shield TBMs in Squeezing Ground Using Three Dimensional Numerical Modeling – a Case Study of Beheshtabad Water Transmission Tunnel, 2010, 6th Asian Rock Mechanics Conference.
 - Determination of the applied rock load on the concrete segments of Isfahan water transmission tunnel, 2011, 4th Iranian Geology Conference, (in Persian)

- Skills
- Numerical Codes (UDEC/3DEC-FLAC/FLAC 3D)
 - Block Stability Analysis Software (UNWEDGE-SWEDGE)
 - Another Software (Dips, Winsurf, Phases, CLARA)
 - Office (Word, Excel, PowerPoint)
- Presented Workshop
- Introductory to Blasting, 40 hr, Iranian Mining Engineering Organization, Isfahan, Iran
 - Advance Blasting, 40 hr, Iranian Mining Engineering Organization, Isfahan, Iran

Referees

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- Research Interests
- Underground Excavation and Support Design
 - Slope Stability Design
 - Numerical Modeling in Geomechanics
 - Mechanized Excavation
 - Oil Reservoir Engineering
 - Petroleum Exploitation and Drilling
 - Instrumentation
 - Smooth Blasting