

## CURRICULUM VITAE (CV)

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# Ali Aalianvari

**Date of Birth:** 1981/07/23

**Nationality:** Iranian

### **Education:**

- Ph.D, Mining Engineering, Mining exploration, Amirkabir University, 2011
- Msc, Mining Engineering, Mining exploration, Amirkabir University, 2005
- Bsc, Mining Engineering, Mining exploration, Tehran University, 2003

### **Publications:**

#### • **Chapter Book:**

- " Homayoon Katibeh, Ali Aalianvari;,"Common Approximations to the Water Inflow into Tunnels""Drainage systems" Edited by Muhammad Salik Javaid, ISBN 978-953-51-0243-4, Hard cover, 240 pages, Publisher: InTech, Published: March 07, 2012 under CC BY 3.0 license, in subject Soil Science DOI: 10.5772/36003 PP 75-88

#### • **Papers:**

- Ali Aalianvari;" Combination of engineering geological data and numerical modeling results to classify the tunnel route based on the groundwater seepage" Geomechanics and Engineering, Final Accepted
- Majid Taromi, Abbas Eftekhari, Jafar Khademi Hamidi, Ali Aalianvari"A discrepancy between observed and predicted NATM tunnel behaviors and updating: a case study of the Sabzkuh tunnel"Bulletin of Engineering Geology and the Environment, May 2017, Volume 76, Issue 2, pp 713–729
- Ali Aalianvari;" Optimum depth of grout curtain around pumped storage power cavern based on geological conditions " Bull Eng Geol Environ (2014) 73:775–780
- Ali Aalianvari, M. MALEKITEHRANI, and S. SOLTANOMOHAMMADI;" Estimation of Water Flow from Upper Reservoir of Azad Pumped Storage Power Plant, Using Geostatistical Methods " JOURNAL GEOLOGICAL SOCIETY OF INDIA Vol.83, January 2014, pp.76-82
- H.farhadian, Ali Aalianvari;, Homayoon Katibeh “Optimization of analytical equations of groundwater seepage into tunnels, case study: Amirkabir tunnel.”, 2011,,JOURNAL GEOLOGICAL SOCIETY OF INDIA, Vol.80, July 2012, pp.96-100
- Ali Aalianvari;, Homayoon Katibeh, M.Sharifzadeh; “A new approach for computing permeability of fault zones Case study: The upper reservoir of Azad pumped-storage power station in Iran " Archives of mining sciences, Vol 55 Issue 4 , 2010
- Ali Aalianvari;, Homayoon Katibeh, M.Sharifzadeh; “Application of fuzzy Delphi AHP method for the estimation and classification of Ghomrud tunnel from

groundwater flow hazard" Arabian Journal of Geosciences, 2010, DOI: 10.1007/s12517-010-0172-

- A. Aalianvari, Abbas Eftekhari, " Evaluation of Tunnel Loads in Schistose Rocks Using Instrumentations Data Back Analysing-Case Study: Golab-1 Tunnel, Iran " International Black Sea Mining & Tunnelling Symposium / K. AYDINER, S. YASAR & O. YASAR (Eds.), 2016
- M.Moghadassi, A. Aghajani , A.Aalianvari, " Prediction of Groundwater Inflow Rate Using Non-Linear Multiple Regression and ANFIS Models: A Case Study of Amirkabir Tunnel in Iran ", International Black Sea Mining & Tunnelling Symposium / K. AYDINER, S. YASAR & O. YASAR (Eds.), 2016
- A.Kamali & K. Shariar& M. Sharifzadeh&A.Aalianvari& A.Esmaeilzade, " Effect of shape and size of sampling window on the determination of average length, intensity and density of trace discontinuity", EUROCK 2016 Symposium
- AliAalianvari;" Evaluation of grout curtain efficiency of Kalu-Ganga dam"" IMCET 2015,Turkey
- T.Abadipour, H.Katibeh, A.Aalianvari" Estimation of water Seepage from upper reservoir of Rudbar pumped storage power plant " 8th Asian Rock Mechanics Symposium, 14-16 October 2014, Sapporo, Japan
- ,R.Shaverdilo, M.Behnia AliAalianvari;"Revise of caverns axes in Azad pumped storage project " Eurock2014.
- Ali Aalianvari, Mohammad Salehi" Application of Seepage Time Series Results to Estimation of Water Seepage, Case Study: Lar Dam Reservoir "international conferences in integrated management of environment, on Septembre 25 – 28, 2014 in Hammamet-Tunisia
- Ali Aalianvari;, Homayoon Katibeh, M.Sharifzadeh; "Estimation of fault zone permeability with Fuzzy-Delphi AHP (FDAHP) method" Eurock2010, 15-18 June, Lausanne, Switzerland.
- Ali Aalianvari;, Homayoon Katibeh "Estimation of equivalent permeability in Amirkabir tunnel alignment with neural network.", 2009, 21st INTERNATIONAL MINING CONGRESS AND EXHIBITION OF TURKEY May 6-8 , Antalya
- Ali Aalianvari; S.M.Hosseini "A NEW APPROACH FOR SITE SELECTION OF MINING WASTE AND. TAILING DAM WITH FDAHP", 2009, 3th MINING AND ENVIRONMENT SYMPOSIUM 11-12 JUNE 2009, Ankara, Turkey
- Golestanifar, Adnani, Aalianvari; "Detection of Appropriate Groundwater Lowering Approach in OpenPit Mines: A Case Study of Sechahoun Iron Mine of Iran"World mining congress, Iran, 2010
- Ali Aalianvari;"Evaluation of "Optimum Depth of Grout Curtain In Accordance With Seepage Conditions (Sangtuda2- Dam&Hpp-Tajikistan)" 23rd international congress and exhibition of Turkey, 2013
- M.Karbala ; Ali Aalianvari;" Evaluation of Hydrologic conditions of Chaparabad Dam Foundation "23rd international congress and exhibition of Turkey, 2013

### **Highlights:**

- More Than 8 Years of Experience in the design and analysis of grout curtain
- Well-versed in preparation of geological reports related to prefeasibility, feasibility and detail design stages,

- Familiar with numerical analysis by finite element, discrete element and boundary element methods

**Membership of Professional Associations**

- Iranian and International Society of Rock Mechanics (ISRM and IRSRM)
- Iranian Geotechnical Society (IGS)
- Iranian Society of Mining Engineering (IRSMI)
- Iranian Tunneling Association (IRTA)

**Other Training:** (software, conference, ...)

- - Instrumentation, MGCE, 2011,
- - Skilled at Following Softwares:
- ROCDATA, GEOSTUDIO, (SEEP, SLOPE), ROCLAB, DIPS, Flac, ArcGIS, Phase2, UDEC, Plaxis, AutoCAD, Microsoft project

**Countries of Work Experience:** Iran

**Languages:**

	Speaking	Reading	Writing
<b>Persian</b>	<i>Mother Tongue</i>		
<b>English</b>	<i>Good</i>	<i>Good</i>	<i>Good</i>
<i>Each language proficiency is ranked between Good, Fair or Poor</i>			

**Certification:**

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experience.

*Ali Aalianvari* \_\_\_\_\_ Date: Jan , 2018

*[Signature of staff member and authorized representative of the staff]*

*Day/Month/Year*

Full name of staff member:     *Ali Aalianvari*    

Full name of authorized representative: \_\_\_\_\_