Hossein Akbari

Date of Birth: 29 July 1984
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ACADEMIC DETAILS

- M.Sc. In Geotechnical engineering, *Amirkabir University of Technology , 2014*

- B.Sc. In Civil Engineering, *Imam hosein University Iran, 2007*

Project Management Professional (PMP)® certification from PMI (Project Management Institute)

CAREER SUMMARY

Sahel consultant Engineering Company (Tehran, Iran), 2020 to present (*Technical and Planning Manager*)

Sahel consultant Engineering Company (Tehran, Iran), 2018 to present (*Geotechnical and Structural Monitoring Manager*)

Tose-e consultant institute (Tehran, Iran), Jan2011 to 2018 (*Geotechnical and Structural Monitoring Manager*):

- Tehran Metro line 7 Project – Client : Tehran Urban & Suburban Railway Company (TUSRC)

- Sardasht dam Project – Client : Iran Water & Power Resourses Development co.(IWPC)

- Roudbar dam Project - Client : (IWPC)

- Gotvand dam Project - Client : (IWPC)

- Narmab dam Project - Client : (RWCG)

- Taj Amir dam Project - Client : (RWCL)

Deghat Gostar Khak consultant Company (Tehran, Iran), Mar2010 to 2017 (Direct Manager):

- Geotechnical instrumentation

- Geotechnical investigation report

- Geophysical instrumentation

*SEPASAD company (Tehran, Iran)), Mar2008 to Jan2011 (*Senior *Monitoring Engineer - Dam & Tunnel):*

- Kharkhe dam Project - Client : Iran Water & Power Resourses Development co.(IWPC)
- Gotvand dam Project - Client : (IWPC)

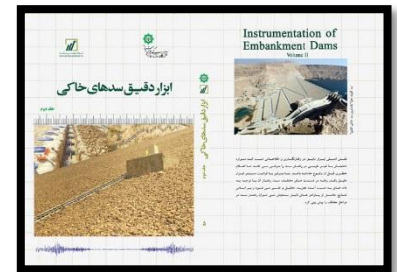*Javadolaeme Institute (Tehran, Iran)), Sep2006 to Mar2008 (Instrument manager):*

- *Kangir dam Project -* Client : *Ilam Region Water*
- *Kordestan Region Water -* Client : Kordestan Region Water

Abnieh sazan consultant institute(Tehran, Iran)), Jul2005 to Dec2005 (Supervisor):
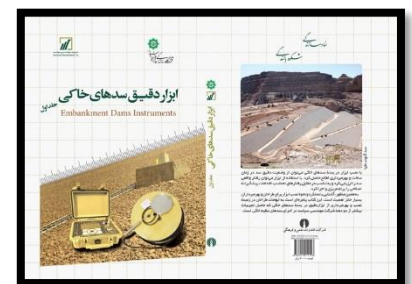
- *Madani Project (prestressed concrete building) Project - Client : Tehran ministry*
- *Kolahdoz Bridge Project - Client : Tehran ministry*

LIST OF PUBLICATONS

- Instrumentation of Embankments Dams (Vo.2) ISBN:978-600-6741-08-6

- Instrumentation of Embankments Dams (Vo.1) ISBN:978-600-121-215-4

- *Beheshti, A., A. Kamanbedast and H. Akbari,* (2013), Seepage Analysis of Rock-fill Dam Subjected to Water Level Fluctuation (case study: Gotvand-Olya dam), Iranica Journal of Energy & Environment, 4 (2): 142-147, 2013 ISSN: 2079-2115.

- *Alizadeh H.R. and H. Akbari,* (2011), PERFORMANCE ANALYSIS OF HORIZONTAL AND 45 DEGREES CLUSTER PRESSURE CELLS EMBANKMENT GOTVAND DAM BASED ON THE ELLIPTICAL STRESS METHOD, 4th Iranian Rock Mechanics Conference (IRMC4), Tehran, Iran, *Oral Presentation.*

- Ganjidoost H. and H. *Akbari,* (2012), ANALYSIS OF HORIZENTAL DISPLACEMENT FOR GOTVAND DAM BODY BEFORE PRIMARY WATER COMPOUNDING, The First International Conference on Dams & Hydropower in Iran , Tehran, Iran, *Poster*.

- *Akbari H. and H.R. Alizadeh,* (2012), PERFORMANCE ANALYSIS ONE OF THE CLUSTER PRESSURE CELLS IN GOTVAND DAM , The First International Conference on Dams & Hydropower in Iran , Tehran, Iran, *Oral Presentation*.

- *Akbari, H.* , H. Yazarlo and R. Imam, (2013), Study effect of forepoling method on reduction of surface settlement by using monitoring results in Line 2 metro rail project , 10th Iranian Tunnelling Conference, Tehran, Iran, *Poster*.

- *Akbari, H.* and A. Kazemi, (2016), Numerical Investigation of Upper Gotvand Rockfill Dam's Settlement During Construction Stage and First Impounding Reservoir, 4th APG Symposium and 9th EADC ON INNOVATIVE TECHNOLOGIES FOR DAMS AND RESERVOIRS TOWARD THE FUTURE GENERATIONS.

- *Akbari, H. and R. Imam (2016),* Analysis of the test's results for Large-scale triaxial cyclic on core mixed sample material of Roudbar Lorestan Dam, 5th International Conference on Geotechnical Engineering and Soil Mechanics

- *Akbari, H. and R. Imam (2016),* Technical analysis of accelerometer devices by shaking table test, International Commission on Large Dams , 5th International Conference on Geotechnical Engineering and Soil Mechanics

- *Akbari, H. and R. Imam (2017),* Technical analysis of accelerometer devices by shaking table test, International Commission on Large Dams *(ICOLD 2017), At Prague, Volume: 85th Annual Meeting*

- *Akbari, H. (2017),* Analysis of results of large-scale cyclic triaxial tests on samples of mixed material of Roudbar Lorestan Dam core, *International Commission on Large Dams (ICOLD 2017), At Prague, Volume: 85th Annual Meeting*

- *Akbari, H. and R. Imam (2018), Analysis of results of large-scale cyclic triaxial tests on the mixed material of Roudbar dam core (PDB III), At Vancouver, Earthquake Geotechnical Engineering*

Licenses & Certifications

- ISO 9001:2015
- Business Analysis (2020)
- Grade license in Construction
  Iran Construction Engineering Organization (IRCEO)
- Grade license in supervision
  Iran Construction Engineering Organization (IRCEO)
- The Latest Technologies on GeoSIG Instrumentation and Dam Monitoring
  GeoSIG Ltd.
- Instrumentation and Monitoring in Geotechnical & Structural Engineering Utilizing the latest technology in hardware/software systems and Structural health monitoring
  Soil Instruments Ltd
- Monitoring Systems: Design Instrument selection, Data Management

SISGEO SRL

- Geotechnical Instrumentation Level B in five part
  Glotzl GmbH

- Impact of Vibration on Railway Structures & Monitoring contact Geometry
  GREENWOOD ENGINEERING

- Instrumentation and Monitoring in Geotechnical & Structural Engineering
  Abzare Khak

- PMBOK and PMP Exam preparation course on 5th Edition
  Rahbaran System Rastak co.

Tutor in Embankment Instrumentation at:

- Rahsazi co (2017)
- 12th Iran International Water & Wastewater Exhibition (2016)
- Kharkhe Dam (2015)
- Alborz Dam (2013)
- Shahid Bahonar University of Kerman (2014)
- Kashan University (2012)
- The First International and Third National Conference on Dam and Hydropower in Iran (workshop 2012)
- Isfahan University of Technology (2010)
- Roudbar Dam (2009)
- Gotvand Dam (2008)

MEMBERSHIP

- PMI - Project Management Institute
- IRCOLD - Committee on Dam Surveillance
- Tehran construction Engineering Organization
- Iranian Geotechnical Society

COMPUTER PROFICIENCY

- Windows and Office tools : Windows2000/XP/VISTA,8 and Word/Excel/Power Point.

- Experience with engineering software like AutoCad, MS project, Etabs, Minitab, Flac 2D, Geostudio.