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PERSONAL

Date of Birth	14.12.1973
Place of Birth	İzmir

EDUCATION

02/2003-09/2009	Middle East Technical University, Dept. of Civil Engineering, Ph.D.
02/1999-04/2002	Middle East Technical University, Dept. of Civil Engineering, M.S.
09/1990-07/1995	Middle East Technical University, Dept. of Civil Engineering, B.S.

ACADEMIC POSITIONS

12/2016-	Asst. Prof. Dr. Department of Civil Engineering, Atılım University, Turkey.
09/2013-12/2016	Instructor, Department of Civil Engineering, Atılım University, Turkey.

HONORS&AWARDS

1	Master of Science Thesis Award by Turkish Road Association (2002).
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RESEARCH INTERESTS

1	Soil Mechanics
2	Slope Stability
3	Soil Nailing
4	Tunnelling

PROFESSIONAL SERVICE

2013-2013	Chief Engineer of Bituminous Binders in Pavement Development Division, Research and Development Department, General Directorate of Turkish Highways.
2011-2013	Chief Engineer of Tunnelling Projects in Soil Mechanics and Tunnelling Division, Research and Development Department, General Directorate of Turkish Highways.
2008- 2011	Chief Engineer of Rock Mechanics in Soil Mechanics and Tunnelling Division, Research and Development Department, General Directorate of Turkish Highways.
2001-2008	Tunnel Engineer in Soil Mechanics and Tunnelling Division, Research and Development Department, General Directorate of Turkish Highways.
1998-2001	Civil Engineer, Ziraat Bank.
1996-1998	Tunnel Design Engineer, Temelsu Int. Eng. Co.
1995-1996	Civil Engineer, Entes Int. Co.

PUBLICATIONS

1	Akis, E., Mekael, A. & Yilmaz, M.T. "Investigation of the Effect of Shearing Rate on Residual Strength of High Plastic Clay" Arab J Geosci 13: 66, 2020. DOI:10.1007/s12517-019-5045-1.
2	Kazemzadeh Azad, S., Akış, E., "Cost Efficient Design of Mechanically Stabilized Earth Walls Using Adaptive Dimensional Search Algorithm", Teknik Dergi, 31 (4), 2020. DOI: 10.18400/tekderg.509468.
3	Akış, E., Satıcı, Ö., "Underground Structures, Rock Structures and Rock Mechanics from Ancient Era to the Modern Age", Journal of Geological Engineering, 41(2):155-172, 2017.
4	Eraslan A., Akış, T., Akış, E., "Deformation Analysis of Two-Layer Composite Tubes Under Cyclic Loading of External Pressure", Journal of Basic and Applied Research International, 13(2), pp. 107-119, 2016.
5	Akış E., "Dünyada ve Türkiye'de Tünellerin Tarihçesi", Yollar Türk Milli Komitesi Bülteni, Sayı:7, Sayfa:3-4, 2014.
6	Bakır B.S., Akış E., "Analysis of a Highway Embankment Failure Associated with the 1999 Düzce, Turkey Earthquake", Soil Dynamics and Earthquake Engineering, Vol: 25, pp. 251-260, 2005. DOI: 10.1016/j.soildyn.2003.05.001.

CONFERENCE PRESENTATIONS

1	Akış, E., Mekael, A., Yılmaz, M.T., "An Investigation for the Residual Strength of High Plastic Clay Specimens Using Multi-Reversal Direct Shear Tests", 7th Geotechnical Symposium with International Participation, 22-24 November 2017, İstanbul.
2	Akış, E., Solak, T. "İnşaat Mühendisliğinde Yeraltı Yapıları ve Tünelcilik Eğitimi", 3. İnşaat Mühendisliği Eğitimi Sempozyumu, 8-9 January 2016, Ankara.
3	Solak, T., Akış, E. "Yeraltı Yapıları Geoteknik Tasarım Rehberi", 1. Ulusal Tünelcilik ve Yer altı Yapıları Kongresi, Sayfa:242-251, Ankara, 2016.
4	Akış, E., "YTMK Tünelcilik ve Yeraltı Yapıları Şubesi ve Dünyada ve Türkiye'de Tünel ve Yeraltı Yapıları", Karayolu 3. Ulusal Kongresi Sunumlar Kitabı, 2015.
5	Akış E., Etkesen Z., Solak T., Mucukgil R., Durukan E., Ünver M., "Redesign and Monitoring of a Portal Structure in Built-Up Area", Proceedings of the 33. ITA-AITES World Tunnel Congress, Underground Space: The 4th Dimension of Metropolises, Prague, Czech Republics, pp.827-832, 2007.

6	Solak T., Akış E., Russo M., "Detailed Seismic Analyses for Bolu Tunnel", Proceedings of the 2. Symposium on Underground Excavations for Transportation, İstanbul, Turkey, pp.283-289, 2007.
7	Vardar M., Karaoğlan H., Etkesen Z., Akış E., "Case Study- Deformations and Remedial Measures for Nefise Akçelik and Asarkayası Tunnels on Black Sea Coastal Road Project", Proceedings of the 31. ITA-AITES World Tunnel Congress, Underground Space Use: Analysis of the Past and Lessons for the Future, İstanbul, Turkey, pp. 353-356, 2005.
8	Atasaral M., Akçelik N., Solak T., Etkesen Z., Akış E., "Rehabilitation Planning of Old Road Tunnels in Turkey", Proceedings of the International Conference/Workshop and Exhibition on Tunnelling and Underground Space Use, İstanbul, Turkey, pp.401-408, 2002.
9	Akçelik N., Solak T., Akış E., "Rehabilitation of Dorukhan Tunnel", Proceedings of the International Conference/Workshop and Exhibition on Tunnelling and Underground Space Use, İstanbul, Turkey, pp.219-228, 2002.

COURSES GIVEN

1	CE311 Soil Mechanics
2	CE328 Foundation Engineering
3	CE418 Slope Stability
4	CE490 Civil Engineering Design
5	TU503 Zemin Mekaniği ve Yeraltı Zemin Karakterizasyonu

THESES SUPERVISED

1	Ahmad Mekael, "An Investigation for The Residual Strength of Remoulded Clay Specimens Recovered from Orduköy Landslide in Northern Turkey", MS Thesis, Civil Engineering Department, Atılım University, 2017.
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