

Asst. Prof. ADEM ÖCAL

Personal Information

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International Researcher IDs

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ScopusID: 57190399855

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Biography

I was born in 1970 in Ankara. I studied at Akdere Primary School and Akdere Secondary School in Ankara. I graduated from Yenimahalle Industrial Vocational High School. I completed my undergraduate, master and doctorate studies at Middle East Technical University, Department of Mining Engineering. I have been at The Tokyo University in Japan as a research student, private researcher and guest researcher respectively, totally for three years and a half. During this time I was interested in Zen and Kyudo. After returning to Turkey, I have been worked as Assistant Professor at İnönü University for about eight years. In order to obtain industrial experience, I moved to the private sector. I have been working in Çanakkale Onsekiz Mart University, Çan Vocational High School, Department of Mining and Mine Extraction Department, since May 2016. I am married; and I have a child.

Education Information

Post Doctorate, Tokyo University, Faculty of Engineering, Geosystem Engineering , Japan 2001 - 2003

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Maden Mühendisliği, Turkey 1994 - 2000

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Maden Mühendisliği, Turkey 1992 - 1994

Undergraduate, Middle East Technical University, Faculty Of Engineering, Maden Mühendisliği, Turkey 1987 - 1992

Foreign Languages

Japanese, B1 Intermediate

English, C1 Advanced

Certificates, Courses and Trainings

Occupational Health and Safety, İş Güvenliği Uzmanlığı Sertifikası (C Sınıfı), T.C. ÇSGB İş Sağlığı ve Güvenliği Genel Müdürlüğü, 2015

Occupational Health and Safety, İşyeri Hekimliği ve İş Güvenliği Uzmanlığı Eğitici Belgesi, T.C. ÇSGB İş Sağlığı ve Güvenliği

Genel Müdürlüğü, 2013

Dissertations

Doctorate, 3D Computer Modelling and Sliding Failure Analysis of Jointed Rock Slopes, Middle East Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, 2000

Postgraduate, Computer Aided Kinematic Analysis for Jointed Rock Slopes, Middle East Technical University, Fen Bilimleri Enstitüsü, Maden Mühendisliği, 1994

Research Areas

Mining Engineering and Technology, Mining Operations, Rock Mechanics, Ore Bed Modeling, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Çan Meslek Yüksekokulu, Madencilik ve Maden Çıkarma, 2018 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Çan Meslek Yüksekokulu, Madencilik ve Maden Çıkarma, 2017 - 2018

Assistant Professor, Inonu University, Mühendislik Fakültesi, Maden Mühendisliği, 2004 - 2012

Researcher, Tokyo University, Faculty of Engineering, Geosystem Engineering, 2003 - 2004

Researcher, Tokyo University, Faculty of Engineering , Geosystem Engineering, 2001 - 2003

Research Assistant, Middle East Technical University, Faculty Of Engineering, Maden Mühendisliği, 1992 - 2000

Courses

Rock and Soil Mechanics, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021

Vocational English, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Vocational Foreign Language II (English), Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021

Mining Machinery, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Mine Support, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Scientific Principles of Technology, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Maden İşletme Uygulaması, Associate Degree, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Informatics Technology, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Scientific Principles of Technology, Associate Degree, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Computer Aided Technical Drawing, Associate Degree, 2021 - 2022, 2020 - 2021

Computer Aided Design I, Associate Degree, 2021 - 2022

Elektrik ve Elektrik Motorları, Associate Degree, 2020 - 2021

Maden İşyerlerinde İş Sağlığı ve Güvenliği, Undergraduate, 2019 - 2020

Kişisel Koruyucu Donanımlar, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Tahkimat, Undergraduate, 2018 - 2019

Kaya Mekaniği, Undergraduate, 2018 - 2019

Topografya, Associate Degree, 2017 - 2018

Meslek Etiği, Associate Degree, 2017 - 2018

Araştırma Yöntem ve Teknikleri, Associate Degree, 2017 - 2018

Mesleki Yabancı Dil I, Associate Degree, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Engineering geological appraisal of the Sulakyurt dam site, Turkey**
OEZSAN A., Ocal A., AKIN M., BASARIR H.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.66, no.4, pp.483-492, 2007 (SCI-Expanded)
- II. **Determination of sliding mode of tetrahedral wedges in jointed rock slopes**
Ocal A., OZGENOGLU A.
ROCK MECHANICS AND ROCK ENGINEERING, vol.30, no.3, pp.161-165, 1997 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Bir Açık Cevher Ocağının Bilgisayar Destekli Tasarımı**
Arfany A. R., Erdem B., Şengün B., Duran Z., Öcal A.
1st International Conference on Recent and Innovative Results in Engineering and Technology ICRIRET 2023, Konya, Turkey, 16 - 18 August 2023, vol.1, pp.193-208
- II. **3D Representation of Rock Mass Structure Using Object-Oriented Approach and Applicability to Real Cases.**
ÖCAL A., OZGENOGLU A., Yamatomi J.
The 6th Regional Rock Mechanics Symposium, Konya, Turkey, 10 - 11 October 2002, pp.57-64
- III. **3D Computer Modeling for Jointed Rock Slopes: An Object-Oriented Approach.**
ÖCAL A., OZGENOGLU A., Yamatomi J.
The 7th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production, Cagliari, Italy, 7 - 10 October 2002, pp.969-976
- IV. **3D Representation of Rock Mass Structure Using Object-Oriented Approach.**
ÖCAL A., OZGENOGLU A., Yamatomi J.
11th Japan National Symposium for Rock Mechanics, Chiba, Japan, 24 - 25 January 2002, vol.CD-ROM, pp.1-6
- V. **Sayısal görüntü işleme teknikleri kullanılarak parça boyut dağılımının belirlenmesi.**
Esen S., ÖCAL A., Atalay V.
2. Delme ve Patlatma Sempozyumu, Ankara, Turkey, 16 - 18 January 1996, pp.41-44
- VI. **A computer program for kinematic analysis of rock slopes.**
ÖCAL A., OZGENOGLU A.
The forth International Symposium on Mine Planning and Equipment Selection, Calgary, Canada, 31 October - 03 November 1995, pp.1005-1010
- VII. **Eklemlı kaya şevlerinin kinematik analizi için bir bilgisayar programı.**
ÖCAL A., OZGENOGLU A.
İkinci Ulusal Heyelan Sempozyumu, Sakarya, Turkey, 25 - 26 October 1995, pp.89-100
- VIII. **SEVDUR: An expert system for slope stability analysis.**
OZGENOGLU A., ÖCAL A.
The Third International Symposium on Mine Planning and Equipment Selection, İstanbul, Turkey, 18 - 20 October 1994, pp.625-628

Supported Projects

ÖCAL A., TUBITAK Project, Açık Ocaklarda Şev Stabilité Analizi için Uzman Sistem Geliştirilmesi, 1992 - 1995

Scientific Refereeing

Project Supported by Higher Education Institutions, November 2018

Metrics

Publication: 10

Citation (WoS): 29

Citation (Scopus): 34

H-Index (WoS): 2

H-Index (Scopus): 2

Scholarships

(JSPS) Postdoctoral Research Fellowship (2 years), Official Institutions of Foreign Countries, 2001 - 2003

(Monbukagakusho) Research Student Scholarship (1 year), Official Institutions of Foreign Countries, 2000 - 2001

Non Academic Experience

Business Establishment Private, Özkoyuncu Madencilik Met. İnş. San. Ve Tic. A.Ş.

Özkoyuncu Madencilik Met. İnş. San. ve Tic. A.Ş.

Business Establishment Private, Ciner Grubu

Ciner Grubu

Soma Linyit İşletmeleri, Soma, Manisa

Ergani Bakır İşletmeleri (Etibank), Maden, Elazığ