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International Researcher IDs

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Publons / Web Of Science ResearcherID: F-3165-2014

ScopusID: 6603226222

Yoksis Researcher ID: 119460

Education Information

Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Geological Engineering, Turkey 2001 - 2006

Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Geological Engineering, Turkey 1999 - 2001

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Geological Engineering, Turkey 1993 - 1998

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Engineering geological and geotechnical site characterization and determination of the seismic hazards of upper pliocene and quaternary deposits situated towards the west of Ankara, Middle East Technical University, Faculty Of Engineering, Department Of Geological Engineering, 2006

Postgraduate, Engineering geological investigations along the Ilık tunnels, Alanya, Middle East Technical University, Faculty Of Engineering, Department Of Geological Engineering, 2001

Research Areas

Geotechnical, Foundation Engineering, Soil Mechanics, Underground Construction, Ground Improvement, Soil Dynamics

Academic Titles / Tasks

Associate Professor, Hacettepe University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - Continues

Lecturer PhD, Gazi University, Araştırma Ve Uygulama Merkezleri, Deprem Mühendisliği Uygulama Ve Araştırma Merkezi

Müdürlüğü (Depar), 2007 - 2018

Courses

Geotechnical Design, Undergraduate, 2021 - 2022
Yapı Tasarımında Geoteknik Yöntem Uygulamaları, Postgraduate, 2021 - 2022
Advanced Analysis Methods of Earth Slopes, Doctorate, 2021 - 2022
Soil Mechanics Laboratory, Undergraduate, 2021 - 2022
Environmental Geotechnics, Postgraduate, 2021 - 2022
Introduction to Slope Stability, Undergraduate, 2021 - 2022
Geotechnical Investigations, Postgraduate, 2020 - 2021
Experimental Soil Mechanics, Doctorate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Assessment of Complex Rock Slope Instabilities in Mudurnu, Turkey, Through Kinematic and Dynamic Analyses: A Case Study**
ARSLAN KELAM A., Akguen H., Bobet A., KOÇKAR M. K.
ROCK MECHANICS AND ROCK ENGINEERING, 2024 (SCI-Expanded)
- II. **Development of a GIS-Based Predicted-VS 30 Map of Türkiye Using Geological and Topographical Parameters: Case Study for the Region Affected by the 6 February 2023 Kahramanmaraş Earthquakes**
ŞAHİN G., Okalp K., KOÇKAR M. K., YILMAZ M. T., JALEHFOROUZAN A., Temiz F. A., ASKAN GÜNDOĞAN A., AKGÜN H., ERBERİK M. A.
SEISMOLOGICAL RESEARCH LETTERS, no.4, pp.2044-2057, 2024 (SCI-Expanded)
- III. **Engineering geological characterization and assessment of complex rock slope failures in Mudurnu, Turkey**
Arslan Kelam A., AKGÜN H., Bobet A., KOÇKAR M. K.
Natural Hazards, vol.120, no.4, pp.3271-3298, 2024 (SCI-Expanded)
- IV. **Fundamental period estimation of RC buildings by considering structural and non-structural damage distributions through neural network**
Cinar O. F., ALDEMİR A., Zervent A., Yucel O. B., ERBERİK M. A., ANIL Ö., ŞAHMARAN M., KOÇKAR M. K., ASKAN GÜNDOĞAN A.
Neural Computing and Applications, vol.36, no.3, pp.1329-1350, 2024 (SCI-Expanded)
- V. **Geotechnical reconnaissance findings of the October 30 2020, Mw7.0 Samos Island (Aegean Sea) earthquake**
Ziotopoulou K., ÇETİN K. Ö., Pelekis P., ALTUN S., Klimis N., SEZER A., Rovithis E., YILMAZ M. T., Papadimitriou A. G., GÜLERCE Z., et al.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.20, no.14, pp.7819-7852, 2022 (SCI-Expanded)
- VI. **Development of a three-dimensional basin model to evaluate the site effects in the tectonically active near-fault region of Golyaka basin, Duzce, Turkey**
Yousefi-Bavil K., KOÇKAR M. K., AKGÜN H.
NATURAL HAZARDS, vol.114, no.1, pp.941-969, 2022 (SCI-Expanded)
- VII. **An evaluation of seismic hazard and potential damage in Gaziantep, Turkey using site specific models for sources, velocity structure and building stock**
ARSLAN KELAM A., Karimzadeh S., Yousefibavil K., AKGÜN H., ASKAN GÜNDOĞAN A., ERBERİK M. A., KOÇKAR M. K., PEKCAN O., Ciftci H.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.154, 2022 (SCI-Expanded)
- VIII. **Application of an optical fiber-based system for mass movement monitoring**

ARSLAN KELAM A., AKGÜN H., KOÇKAR M. K.

ENVIRONMENTAL EARTH SCIENCES, vol.81, no.5, 2022 (SCI-Expanded)

- IX. **A case study for probabilistic seismic risk assessment of earthquake-prone old urban centers**
Altındal A., Karimzadeh S., ERBERİK M. A., ASKAN GÜNDOĞAN A., ANIL Ö., KOÇKAR M. K., ŞAHMARAN M.
INTERNATIONAL JOURNAL OF DISASTER RISK REDUCTION, vol.61, 2021 (SCI-Expanded)
- X. **Spacing and block volume estimation in discontinuous rock masses using image processing technique: a case study**
Azarafza M., KOÇKAR M. K., Faramarzi L.
ENVIRONMENTAL EARTH SCIENCES, vol.80, no.14, 2021 (SCI-Expanded)
- XI. **Fuzzy-based multiple decision method for landslide susceptibility and hazard assessment: A case study of Tabriz, Iran**
Nanehkaran Y. A., Mao Y., Azarafza M., KOÇKAR M. K., Zhu H.
GEOMECHANICS AND ENGINEERING, vol.24, no.5, pp.407-418, 2021 (SCI-Expanded)
- XII. **Assessment of the effect of mineralogy on the geotechnical parameters of clayey soils: A case study for the Orta County, cankiri, Turkey**
AKGÜN H., Turkmenoglu A. G., ARSLAN KELAM A., Yousefi-Bavil K., Oner G., Kockar M. K.
APPLIED CLAY SCIENCE, vol.164, pp.44-53, 2018 (SCI-Expanded)
- XIII. **Evaluation of a sand bentonite mixture as a shaft/borehole sealing material**
AKGÜN H., Kockar M. K.
APPLIED CLAY SCIENCE, vol.164, pp.34-43, 2018 (SCI-Expanded)
- XIV. **The use of Ankara Clay as a compacted clay liner for landfill sites**
AKGÜN H., Turkmenoglu A. G., Met I., Yal G. P., Kockar M. K.
CLAY MINERALS, vol.52, no.3, pp.391-412, 2017 (SCI-Expanded)
- XV. **A generalized seismic source model for the Eastern Marmara Region along the segments of the North Anatolian Fault System**
Cambazoglu S., Kockar M. K., AKGÜN H.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.88, pp.412-426, 2016 (SCI-Expanded)
- XVI. **Site characterization of the strong motion stations and evaluation of site effects in the Ankara region during the December 2007 and March 2008 moderate Bala earthquakes**
Kockar M. K.
ENVIRONMENTAL EARTH SCIENCES, vol.75, no.15, 2016 (SCI-Expanded)
- XVII. **Yeraltı Nükleer Atık Haznelerinde Kullanılabilecek Sıkıştırılmış Kum Bentonit Karışımlarının Geoteknik Değerlendirmesi ve Bariyer Tasarımı**
AKGÜN H., ADA M., KOÇKAR M. K.
TEKNIK DERGI/TECHNICAL JOURNAL OF TURKISH CHAMBER OF CIVIL ENGINEERS, vol.27, no.3, pp.7477-7496, 2016 (SCI-Expanded)
- XVIII. **Geotechnical Assessment of Compacted Sand Bentonite Mixtures to be Utilized in Underground Nuclear Waste Repositories and Barrier Design**
AKGÜN H., Ada M., Kockar M. K.
TEKNIK DERGI, vol.27, no.3, pp.7477-7496, 2016 (SCI-Expanded)
- XIX. **Evaluation of site effect within the tectonic basin in the northern side of Ankara**
Eker A. M., Kockar M. K., AKGÜN H.
ENGINEERING GEOLOGY, vol.192, pp.76-91, 2015 (SCI-Expanded)
- XX. **Performance assessment of a bentonite-sand mixture for nuclear waste isolation at the potential Akkuyu Nuclear Waste Disposal Site, southern Turkey**
AKGÜN H., Ada M., Kockar M. K.
ENVIRONMENTAL EARTH SCIENCES, vol.73, no.10, pp.6101-6116, 2015 (SCI-Expanded)
- XXI. **Investigation of the failure mechanism and stabilization of a landslide in weathered tuffite, Giresun, northeastern Turkey**
Avsar O., AKGÜN H., Kockar M. K.
ENVIRONMENTAL EARTH SCIENCES, vol.72, no.9, pp.3723-3740, 2014 (SCI-Expanded)

- XXII. **Geotechnical investigations and preliminary support design for the Gecilmez tunnel: A case study along the Black Sea coastal highway, Giresun, northern Turkey**
AKGÜN H., Muratlı S., Kockar M. K.
TUNNELLING AND UNDERGROUND SPACE TECHNOLOGY, vol.40, pp.277-299, 2014 (SCI-Expanded)
- XXIII. **Local site characterization and seismic zonation study by utilizing active and passive surface wave methods: A case study for the northern side of Ankara, Turkey**
Eker A. M., AKGÜN H., Kockar M. K.
ENGINEERING GEOLOGY, vol.151, pp.64-81, 2012 (SCI-Expanded)
- XXIV. **Evaluation of the site effects of the Ankara basin, Turkey**
Kockar M. K., AKGÜN H.
JOURNAL OF APPLIED GEOPHYSICS, vol.83, pp.120-134, 2012 (SCI-Expanded)
- XXV. **Evaluation of site conditions for the Ankara Basin of Turkey based on seismic site characterization of near-surface geologic materials**
Kockar M. K., AKGÜN H., Rathje E. M.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.30, no.1-2, pp.8-20, 2010 (SCI-Expanded)
- XXVI. **Development of a geotechnical and geophysical database for seismic zonation of the Ankara Basin, Turkey**
Kockar M. K., Akgun H.
ENVIRONMENTAL GEOLOGY, vol.55, no.1, pp.165-176, 2008 (SCI-Expanded)
- XXVII. **Evaluation of a compacted bentonite/sand seal for underground waste repository isolation**
Akgun H., Kockar M. K., Akturk O.
ENVIRONMENTAL GEOLOGY, vol.50, no.3, pp.331-337, 2006 (SCI-Expanded)
- XXVIII. **Design of anchorage and assessment of the stability of openings in silty, sandy limestone: a case study in Turkey**
Akgun H., Kockar M. K.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.41, no.1, pp.37-49, 2004 (SCI-Expanded)
- XXIX. **Engineering geological investigations along the Iliku Tunnels, Alanya, southern turkey**
Kockar M. K., Akgun H.
ENGINEERING GEOLOGY, vol.68, no.3-4, pp.141-158, 2003 (SCI-Expanded)
- XXX. **Methodology for tunnel and portal support design in mixed limestone, schist and phyllite conditions: a case study in Turkey**
Kockar M. K., Akgun H.
INTERNATIONAL JOURNAL OF ROCK MECHANICS AND MINING SCIENCES, vol.40, no.2, pp.173-196, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Correlations of SMR-Q(slope) Data in Stability Classification of Discontinuous Rock Slope: A Modified Relationship Considering the Iranian Data**
Azarafza M., KOÇKAR M. K., Zhu H.
GEOTECHNICAL AND GEOLOGICAL ENGINEERING, vol.40, no.4, pp.1751-1764, 2022 (ESCI)
- II. **FIELD APPLICATIONS FOR RISK ASSESSMENT METHODS OF URBAN TRANSFORMATION LAW NO. 6306: A CASE STUDY OF BEYOĞLU**
ANIL Ö., ŞAHMARAN M., KOÇKAR M. K.
Disaster Science and Engineering, vol.4, no.2, pp.54-64, 2018 (Peer-Reviewed Journal)
- III. **Küçük ve Orta Büyüklükte Sismik Aktivite Gösteren Bölgelerdeki Yerel Zemin Koşullarının Belirlenmesi**
KOÇKAR M. K.
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.4, no.4, pp.331-341, 2016 (Peer-Reviewed)

Journal)

IV. Utilization of Optical Fiber System for Mass Movement Monitoring

ARSLAN A., KOÇKAR M. K., AKGÜN H.

Disaster Science and Engineering, vol.1, no.2, pp.441-446, 2016 (Peer-Reviewed Journal)

V. Preliminary Evaluation of a Compacted Bentonite Sand Mixture as a Landfill Liner Material

KOÇKAR M. K., AKGÜN H., AKTÜRK Ö.

JOURNAL OF SOLID WASTE TECHNOLOGY AND MANAGEMENT, vol.31, no.4, pp.187-192, 2005 (Scopus)

VI. Iıksu Tünellerinin Jeoteknik Değerlendirmesi

KOÇKAR M. K., AKGÜN H.

TEKNİK DERGI/TECHNICAL JOURNAL OF TURKISH CHAMBER OF CIVIL ENGINEERS, vol.16, no.2, pp.3191-3214, 2004 (Scopus)

VII. Iıksu Tünellerinin Jeoteknik Değerlendirmesi Geotechnical Evaluation of the Iıksu Tunnels

KOÇKAR M. K., AKGÜN H.

TEKNİK DERGI, vol.15, no.2, pp.3191-3214, 2004 (Peer-Reviewed Journal)

Books & Book Chapters

I. Geotechnical Reconnaissance Findings

ÇETİN K. Ö., Ziotopoulou K., Mylonakis G., Klimis N., YILMAZ M. T., GÜLERCE Z., CAN G., ILGAÇ M., ÇAKIR E., SÖYLEMEZ B., et al.

in: Seismological and Engineering Effects of the M 7.0 Samos Island (Aegean Sea) Earthquake, K. Onder Cetin, George Mylonakis, Anastasios Sextos, Jonathan P. Stewart, Editor, GEER, pp.179-224, 2020

II. Optical Fiber Technology to Monitor Slope Movement

ARSLAN A., MEHMET ABDULLAH K., MERT ARIF E., AKGÜN H., KOÇKAR M. K.

in: Engineering Geology for Society and Territory Volume 2 Landslide Processes, Giorgio Lollino, Daniele Giordan, Giovanni B. Crosta, Jordi Corominas, Rafiq Azzam, Janusz Wasowski, Nicola Sciarra, Editor, Springer International Publishing, CHAM, pp.1425-1429, 2015

III. Characterization and Assessment of Large Landslide Movement Along the Bursa-Inegöl-Bozüyük Highway in Turkey

DAMLA GAYE O., AKGÜN H., KOÇKAR M. K.

in: Engineering Geology for Society and Territory Volume 2 Landslide Processes, Giorgio Lollino, Daniele Giordan, Giovanni B. Crosta, Jordi Corominas, Rafiq Azzam, Janusz Wasowski, Nicola Sciarra, Editor, Springer International Publishing, CHAM, pp.289-293, 2015

Refereed Congress / Symposium Publications in Proceedings

I. Monitoring of an Unstable Slope in Kocaeli (Türkiye) by an Optical Fiber Based System

Arslan Kelam A., KOÇKAR M. K., AKGÜN H.

57th US Rock Mechanics/Geomechanics Symposium, Georgia, United States Of America, 25 - 28 June 2023

II. Determination of Hazard Zones of Mudurnu Rock slopes Under Seismic Loading Conditions

ARSLAN KELAM A., KOÇKAR M. K., AKGÜN H.

6th International Conference on Earthquake Engineering and Seismology (6. ICEES), 13 October 2021, pp.1242-1251

III. NEAR-FIELD DIRECTIVITY EFFECTS IN 2D SITE RESPONSE ANALYSIS

Yousefi-Bavil K., KOÇKAR M. K., AKGÜN H.

6th International Conference on Earthquake Engineering and Seismology (6. ICEES), Kocaeli, Turkey, 13 October 2021, pp.1216-1222

IV. Assessment of kinematic rock slope failures in Mudurnu Valley, Turkey

ARSLAN KELAM A., AKGÜN H., BOBET A., KOÇKAR M. K.

EUROCK 2021 Mechanics and Rock Engineering from theory to practice, 21 September 2021, vol.833, pp.1-8

- V. **Application of an Optical Fiber Based Monitoring System to a Mass Movement Area**
ARSLAN KELAM A., KOÇKAR M. K., AKGÜN H.
54th US Rock Mechanics/Geomechanics Symposium, United States Of America, 28 June - 01 July 2020
- VI. **GEOTECHNICAL AND SEISMIC CHARACTERIZATION FOR THE ORTA DISTRICT, ÇANKIRI**
EKER A. M., AKGÜN H., KOÇKAR M. K.
5. International Conference on Earthquake Engineering and Seismology (5ICEES), Ankara, Turkey, 8 - 11 October 2019, pp.1-10
- VII. **THE COMPARISON OF 2007 AND 2018 TURKISH BUILDING CODE OF SITE CLASSIFICATION PROCEDURE FOR SEISMIC DESIGN BASED ON SEISMIC SITE CHARACTERIZATION STUDIES- A CASE STUDY FOR ANKARA**
KOÇKAR M. K., AKGÜN H.
5. International Conference on Earthquake Engineering and Seismology (5ICEES), Ankara, Turkey, 8 - 11 October 2019, pp.1-10
- VIII. **APPLICATION OF A LANDSLIDE MONITORING SYSTEM TO AN EARTHQUAKE PRONE REGION BY USING OPTICAL FIBER TECHNOLOGY**
ARSLAN KELAM A., KOÇKAR M. K., AKGÜN H.
5. International Conference on Earthquake Engineering and Seismology (5. ICEES), Ankara, Turkey, 8 - 11 October 2019, pp.1-9
- IX. **An Optical Fiber Early Warning System for Monitoring Mass Movements and for Assessing the Effect of the Triggering Factors**
ARSLAN KELAM A., KOÇKAR M. K., AKGÜN H.
ENGCEO'2019: National Symposium on Engineering Geology and Geotechnics, Denizli, Turkey, 3 - 05 October 2019
- X. **Konya Killi Zeminlerinin Jeoteknik Uygulamalar İçin Bentonit İle İyileştirilmesi**
ARSLAN KELAM A., AKGÜN H., Öner G., KOÇKAR M. K.
18. Ulusal Kil Sempozyumu, Kocaeli, Turkey, 25 - 28 September 2019
- XI. **A Landslide Monitoring Methodology Applied to a Seismically Active Region by Using Optical Fiber Systems**
ARSLAN KELAM A., KOÇKAR M. K., AKGÜN H.
VI. International Earthquake Symposium (IESKO) 2019, Kocaeli, Turkey, 25 - 27 September 2019, pp.889-904
- XII. **An Optical Fiber Based Early Warning System for Large Landslides**
ARSLAN KELAM A., KOÇKAR M. K., AKGÜN H.
European Geosciences Union General Assembly (EGU), Viyana, Austria, 7 - 12 April 2019
- XIII. **MUDURNU YAMAÇ ŞEVLERİNDEKİ DURAYSIZLIKLARIN İNSAN YAŞAMI VE TARİHİ YAPILAR İÇİN OLUŞTURDUĞU TEHDİT AÇISINDAN DEĞERLENDİRİLMESİ VE ÇÖZÜM ÖNERİLERİ**
ARSLAN A., AKGÜN H., KOÇKAR M. K.
International Symposium on Mudurnu Studies, Akhism and Folk Culture, 21 - 22 September 2018
- XIV. **FİBER OPTİK TABANLI HEYELAN İZLEME VE ERKEN UYARI SİSTEMİ**
ARSLAN A., KOÇKAR M. K., AKGÜN H.
2. Ulusal Heyelan Sempozyumu, Turkey, 11 - 12 October 2018
- XV. **MUDURNU VADİSİ KOMPLEKS KİNEMATİK YENİLME MEKANİZMALARININ İHA TEKNOLOJİSİ VE HAT ETÜDLERİ KULLANILARAK DEĞERLENDİRİLMESİ**
ARSLAN A., AKGÜN H., KOÇKAR M. K.
2. Ulusal Heyelan Sempozyumu, Turkey, 11 - 12 October 2018
- XVI. **ASSESSMENT OF SITE EFFECTS IN THE ANKARA REGION DURING THE DECEMBER 2007 AND MARCH 2008 BALAEARTHQUAKES**
KOÇKAR M. K.
16 th European Conference on Earthquake Engineering (16ECE), SELANİK, Greece, 18 - 21 June 2018
- XVII. **DEVELOPMENT OF A 3-D TOPOGRAPHICAL BASIN STRUCTURE BASED ON SEISMIC AND GEOTECHNICAL DATA: CASE STUDY AT A HIGH SEISMICITY AREA OF GÖLYAKA, DÜZCE, TURKEY**
YOUSEFİBAVİL K., KOÇKAR M. K., AKGÜN H.

- 16th European Conference on Earthquake Engineering (16ECEE), SELANİK, Greece, 18 - 21 June 2018
- XVIII. **A UAV Supported Evaluation of the Complex Kinematic Failures for the Discontinuous Rock Mass Slopes of Mudurnu Valley**
ARSLAN A., AKGÜN H., KOÇKAR M. K.
2nd International Symposium on Natural Hazards and Disaster Management (ISHAD2018), 4 - 06 May 2018
- XIX. **3-D basin geometry model to determine the site effects based on geophysical and geotechnical data: Case study at near-field and high seismicity area of Gölyaka, Düzce, Turkey.**
YOUSEFİBAVİL K., KOÇKAR M. K., AKGÜN H.
European Geosciences Union General Assembly (EGU), VİYANA, Austria, 8 - 13 April 2018
- XX. **Evaluating modes of failure zones of the rock masses along Mudurnu Valley (Turkey) by using a unmanned aerial vehicle**
ARSLAN A., KOÇKAR M. K., AKGÜN H.
European Geosciences Union General Assembly (EGU), 8 - 13 April 2018
- XXI. **Heyelan Hareketlerinin Fiber Optik Sistemlerle İzlenmesi ve Değerlendirilmesi**
ARSLAN A., KOÇKAR M. K., AKGÜN H.
7. Uluslararası Katılımlı Geoteknik Sempozyumu, İstanbul, Turkey, 22 - 24 November 2017
- XXII. **6306 Sayılı Kentsel Dönüşüm Yasası Risk Değerlendirme Tekniklerinin Saha Uygulaması: Beyoğlu Örneği**
ANIL Ö., ŞAHMARAN M., KOÇKAR M. K.
4.UDMSK, 4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 - 13 October 2017
- XXIII. **Monitoring Bahçecik Landslide in Kocaeli Using Optical Fibers**
ARSLAN A., KOÇKAR M. K., AKGÜN H.
Geotechnical Aspects of Damages Caused by Natural Phenomena-7th Conference of Croatian Geotechnical Society with International Participation, Varazhdin, Croatia, 10 - 12 November 2016, pp.211-216
- XXIV. **Assessment of the Effect of Mineralogy on the Geotechnical Parameters of Clayey Soils A Case Study for Orta County Çankırı Turkey**
AKGÜN H., TÜRKMENOĞLU A. G., ARSLAN A., ÖNER G., Yousefibavil K., KOÇKAR M. K., Eker A. M.
5th Mediterranean Clay Meeting, Çeşme, İzmir, Turkey, 25 - 29 September 2016, pp.9
- XXV. **ASSESSMENT OF THE EFFECT OF MINERALOGY ON THE GEOTECHNICAL PARAMETERS OF CLAYEY SOILS A CASE STUDY FOR ORTA COUNTY ÇANKIRI**
AKGÜN H., Günel Türkmenoğlu A., ARSLAN A., öner g., Yousefibavil K., KOÇKAR M. K., Eker A. M.
5th Mediterranean Clay Meeting, İzmir, Turkey, 25 - 29 September 2016
- XXVI. **Evaluation of a sand bentonite mixture as a shaft borehole sealing material**
AKGÜN H., ADA M., KOÇKAR M. K.
The 5th Mediterranean Clay Meeting, İzmir, Turkey, 25 - 29 September 2016, vol.1, pp.11
- XXVII. **Evaluation of a Sand Bentonite Mixture as a Shaft Borehole Sealing Material**
AKGÜN H., ADA M., KOÇKAR M. K.
5th Mediterranean Clay Meeting, Çeşme, İzmir, Turkey, 25 - 29 September 2016, pp.11
- XXVIII. **Site Effect Study in the Ankara Region During the Moderate Bala Earthquake Series**
KOÇKAR M. K.
35th General Assembly of the European Seismological Commission, Trieste, Italy, 4 - 10 September 2016, vol.1
- XXIX. **UTILIZATION OF OPTICAL FIBER SYSTEM FOR MASS MOVEMENT MONITORING**
ARSLAN A., KOÇKAR M. K., AKGÜN H.
Uluslararası Doğal Afet ve Afet Yönetimi Sempozyumu (DAAYS'16), Karabük, Turkey, 2 - 04 March 2016, vol.1, pp.333-338
- XXX. **Integration of Surface Wave Seismic Survey Testing Results and Segmented Seismic Source Model of NAFS for PSHA of the Gölyaka Düzce Tectonic Basin Turkey**
YOUSEFİBAVİL K., AKGÜN H., ARİF MERT E., SELİM C., KOÇKAR M. K.
6th International Conference on Earthquake Geotechnical Engineering, Christchurch, New Zealand, 1 - 04 November 2015, vol.1, pp.1-9
- XXXI. **Integration of Surface Wave Seismic Survey Testing Results and Segmented Seismic Source Model of**

NAFS for PSHA of the Gölyaka Düzce Tectonic Basin Turkey

YOUSEFİBAVİL K., AKGÜN H., EKER A. M., CAMBAZOĞLU S., KOÇKAR M. K.

International Conference on Earthquake Geotechnical Engineering, Christchurch, New Zealand, 1 - 04 November 2015, pp.402-410

- XXXII. **Yüzey Dalgası Etüt Sonuçlarının Entegrasyonu ile Gölyaka Düzce Tektonik Baseninin Olasılıksal Sismik Tehlike Değerlendirmesi**
YOUSEFİBAVİL K., EKER A. M., CAMBAZOĞLU S., KOÇKAR M. K., AKGÜN H.
3. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı (3. TDMSK), İzmir, Turkey, 14 - 16 October 2015, pp.224-231
- XXXIII. **Fiber Optik Teknolojisi ile Heyelanların İzlenmesi**
ARSLAN A., AKGÜN H., KOÇKAR M. K., EKER A. M., KELAM M. A.
3. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı (3. TDMSK), İzmir, Turkey, 14 - 16 October 2015, pp.248-257
- XXXIV. **Slope Movement Monitoring with Optical Fiber Technology**
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Metrics

Publication: 95

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Non Academic Experience

GAZİ ÜNİVERSİTESİ

ODTÜ, Jeoloji Mühendisliği Bölümü

University, UNIVERSITY OF TEXAS AT AUSTIN, CIVIL AND ENVIRONMENTAL ENGINEERING

Texas Üniversitesi, Austin