

Prof. YÜCEL GÜNEY

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-1868-2021

ScopusID: 55914571400

Yoksis Researcher ID: 56156

Education Information

Doctorate, Anadolu University, Institute Of Science, İnşaat Mühendisliği (Dr) (İngilizce), Turkey 1992 - 1998

Postgraduate, Anadolu University, Institute Of Science, İnşaat Mühendisliği (YI) (Tezli), Turkey 1989 - 1992

Undergraduate, Anadolu University, Faculty Of Engineering-Architecture, Department Of Civil Engineering, Turkey 1984 - 1988

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Foundation Engineering, Soil Mechanics, Ground Improvement

Academic Titles / Tasks

Professor, Anadolu University, Open Education Faculty, Department Of Formal Education, 2019 - Continues

Professor, Anadolu University, Institute Of Geological And Space Sciences, 2013 - 2019

Associate Professor, Anadolu University, Faculty Of Engineering, Department Of Civil Engineering (English), 2007 - 2013

Assistant Professor, Anadolu University, Faculty Of Engineering, Department Of Civil Engineering, 1998 - 2006

Research Assistant, Anadolu University, Institute Of Science, İnşaat Mühendisliği (Dr) (İngilizce), 1995 - 1998

Lecturer, Kütahya Dumlupınar University, Kütahya Teknik Bilimler Meslek Yüksekokulu, İnşaat Bölümü, 1994 - 1995

Research Assistant, Anadolu University, Faculty Of Engineering, Department Of Civil Engineering, 1989 - 1994

Academic and Administrative Experience

Yozgat Bozok University, 2020 - Continues

Anadolu University, 2014 - 2018

Anadolu University, 2014 - 2018

Anadolu University, 2016 - 2016
Anadolu University, 2015 - 2016
Anadolu University, 2009 - 2014
Anadolu University, 2008 - 2013

Courses

Temel Mühendisliği, Undergraduate, 2020 - 2021
Zemin Mekaniği I, Undergraduate, 2020 - 2021
İleri Zemin Mekaniği, Postgraduate, 2020 - 2021
Deprem Mühendisliği (Tür), Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012, 2010 - 2011
Zemin Yapıları ve Zemin İyileştirme Teknikleri, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011
Yapıların Onarım ve Güçlendirilmesi (Tür), Postgraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
Zemin Özelliklerinin Belirlenmesi ve Değerlendirilmesi (Tür), Postgraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010
Uzmanlık Alan Dersi (tür) A Grubu, Undergraduate, 2010 - 2011
Tez (Tür) A Grubu, Postgraduate, 2010 - 2011
Applications of Design in Civil Engineering (İng) C grubu, Undergraduate, 2010 - 2011, 2009 - 2010
Tez (Tür) B Grubu, Postgraduate, 2010 - 2011
Ground İmprovement (Zemin İyileştirme) (İng), Undergraduate, 2010 - 2011
Tez Tür (A Grubu), Postgraduate, 2010 - 2011
Seminer (Tür) A Grubu, Postgraduate, 2010 - 2011
Strüktür Analizi II, Undergraduate, 2009 - 2010
Geotechnical Design (Geoteknik Dizayn) (İng) C Grubu, Undergraduate, 2009 - 2010
Seminer (Tür) C Grubu, Postgraduate, 2009 - 2010
Afet Yönetiminde Uzaktan Algılama ve Coğrafi Bilgi Sistemleri (Tür), Postgraduate, 2009 - 2010
Ground İmprovement (Zemin İyileştirme), Undergraduate, 2008 - 2009, 2006 - 2007
Strüktür Analizi I, Undergraduate, 2007 - 2008
Statics Strength of Materials (Statik Mukavemet) İng, Undergraduate, 2007 - 2008
Reinforced Concrete I (Betonarme) İng, Undergraduate, 2007 - 2008
Strüktür Analizi III, Undergraduate, 2007 - 2008
Teknik Resim (Technical Drawing) İng, Undergraduate, 2007 - 2008, 2006 - 2007
İnşaat Mühendisliğinde Seçme Konular II, Undergraduate, 2006 - 2007
İnşaat mühendisliği uygulamaları, Undergraduate, 2006 - 2007
Reinforced Concrete (Betonarme) (İng), Undergraduate, 2006 - 2007

Advising Theses

GÜNEY Y., Kocaeli depreminde yıkılmış bir binanın çeşitli taşıyıcı sistem ve malzeme iyileştirmeleri uygulanarak irdelenmesi, Postgraduate, C.BOLAT(Student), 2019
GÜNEY Y., Karacahisar Kalesinde kullanılan özgün yapı malzemelerinin genel karakteristik özellikleri, Doctorate, İ.GÜLDOĞAN(Student), 2018
GÜNEY Y., Isıl işlem uygulanmış bor atığının çimentolu sistemlerde kullanılabilirliği, Doctorate, D.ÖVER(Student), 2017
GÜNEY Y., Orta yükseklikteki betonarme binaların temel periyotlarının çevresel titreşim ölçümleri ile belirlenmesi ve periyot bağıntısı önerilmesi, Doctorate, O.KAPLAN(Student), 2017
GÜNEY Y., Bor atıklarının çöp deponi tabakalarında kullanılabilirliğinin geoteknik açıdan değerlendirilmesi, Postgraduate, E.BAYRAKCI(Student), 2015

GÜNEY Y., Mikrobölgeleme çalışmalarında yer tepkisi ve kayma dalga hız (Vs) yapısının yorumlanması: Eskişehir örneği, Doctorate, M.TÜN(Student), 2013

GÜNEY Y., Sismik kırılma yöntemi ve mikrotremör ölçümlerinden elde edilen dinamik zemin parametrelerinin coğrafi bilgi sistemleri (cbs) kullanılarak haritalanması, Postgraduate, S.MUTLU(Student), 2012

GÜNEY Y., Yapı yönetiminde coğrafi bilgi sistemleri (CBS)'nin kullanılması, Postgraduate, A.CENGİZ(Student), 2012

GÜNEY Y., Eskişehir zemini için kayma dalgası hızı (Vs) ile standart penetrasyon (SPT) sayısı arasındaki ilişkinin modellenmesi, Postgraduate, E.AKDENİZ(Student), 2012

GÜNEY Y., Sepiyolit çöp deponi tabakalarında kullanılabilirliğinin belirlenmesi, Postgraduate, A.HİLMİ(Student), 2004

GÜNEY Y., Atık depolama alanlarının tabanlarında kullanılması öngörülen sepiyolit/zeolit karışımının geoteknik özelliklerinin belirlenmesi, Postgraduate, E.MİHRİBAN(Student), 2004

GÜNEY Y., Atık kalıp kumunun yol alt yapısında kullanılabilirliğinin değerlendirilmesi, Postgraduate, D.GEÇİM(Student), 2004

GÜNEY Y., Ağır metal ve tuzlarla kirlenmiş killi zeminlerin geoteknik özelliklerinin belirlenmesi, Postgraduate, T.ŞENGÜL(Student), 2003

GÜNEY Y., Değişik çevresel koşullar altında, şişen zeminlerin özelliklerinin belirlenmesi, Postgraduate, M.ÇETİN(Student), 2003

GÜNEY Y., Stabilizasyon/solidifikasyon yöntemiyle iyileştirilmiş Porsuk nehri sediment atık çamurunun geoteknik, fiziko-kimyasal ve mikro-yapısal özelliklerinin belirlenmesi, Postgraduate, N.DENİZ(Student), 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A period-height relationship for newly constructed mid-rise reinforced concrete buildings in Turkey**
Kaplan O., GÜNEY Y., DOĞANGÜN A.
ENGINEERING STRUCTURES, vol.232, 2021 (SCI-Expanded)
- II. **Utilisation of waste clay from boron production as a landfill liner material**
Banar M., Gueney Y., Ozkan A., Gunkaya Z., Bayrakci E., Ulutas D.
INTERNATIONAL JOURNAL OF MINING RECLAMATION AND ENVIRONMENT, vol.33, no.3, pp.206-222, 2019 (SCI-Expanded)
- III. **Mechanical Properties of Cement Mortar Containing Heat-Treated Boron Derivative Waste at Elevated Temperatures**
Kaman D. O., Koroglu L., Ayas E., Tokyay M., GÜNEY Y.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.30, no.6, 2018 (SCI-Expanded)
- IV. **A rapid seismic safety assessment method for mid-rise reinforced concrete buildings**
Kaplan O., GÜNEY Y., Topcu A., ÖZÇELİKÖRS Y.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.16, no.2, pp.889-915, 2018 (SCI-Expanded)
- V. **The effect of heat-treated boron derivative waste at 600 degrees C on the mechanical and microstructural properties of cement mortar**
Kaman D. O., Koroglu L., Ayas E., GÜNEY Y.
CONSTRUCTION AND BUILDING MATERIALS, vol.154, pp.743-751, 2017 (SCI-Expanded)
- VI. **An investigation into the bedrock depth in the Eskişehir Quaternary Basin (Turkey) using the microtremor method**
Tun M., Pekkan E., Ozel O., GÜNEY Y.
GEOPHYSICAL JOURNAL INTERNATIONAL, vol.207, no.1, pp.589-607, 2016 (SCI-Expanded)
- VII. **Transient Analysis with MODFLOW for Developing Water-Diversion Function**
KORKMAZ S., Pekkan E., GÜNEY Y.
JOURNAL OF HYDROLOGIC ENGINEERING, vol.21, no.6, 2016 (SCI-Expanded)
- VIII. **Utilization of Waste Clay from Boron Production in Bituminous Geosynthetic Barrier (GBR-B) Production as Landfill Liner**
Banar M., GÜNEY Y., Ozkan A., Gunkaya Z., Bayrakci E., Ulutas D.
INTERNATIONAL JOURNAL OF POLYMER SCIENCE, vol.2016, 2016 (SCI-Expanded)

- IX. **A missing-link in the tectonic configuration of the AlmacA +/- k Block along the North Anatolian Fault Zone (NW Turkey): Active faulting in the Bolu plain based on seismic reflection studies**
SEYİTOĞLU G., Ecevitoglu B., KAYPAK B., ESAT K., Caglayan A., Gundogdu O., GÜNEY Y., IŞIK V., Pekkan E., Tun M., et al.
GEOPHYSICAL JOURNAL INTERNATIONAL, vol.201, no.3, pp.1814-1833, 2015 (SCI-Expanded)
- X. **Determining the main strand of the Eskisehir strike-slip fault zone using subsidiary structures and seismicity: a hypothesis tested by seismic reflection studies**
SEYİTOĞLU G., Ecevitoglu G. B., KAYPAK B., GÜNEY Y., Tun M., ESAT K., Avdan U., TEMEL A., Cabuk A., Telsiz S., et al.
TURKISH JOURNAL OF EARTH SCIENCES, vol.24, no.1, pp.1-20, 2015 (SCI-Expanded)
- XI. **Integrated seismic risk analysis using simple weighting method: the case of residential Eskisehir, Turkey**
Pekkan E., Tun M., GÜNEY Y., Mutlu S.
NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol.15, no.6, pp.1123-1133, 2015 (SCI-Expanded)
- XII. **Utilization of sepiolite materials as a bottom liner material in solid waste landfills**
GÜNEY Y., Cetin B., Aydılek A. H., Tanyu B. F., Koparal A. S.
WASTE MANAGEMENT, vol.34, no.1, pp.112-124, 2014 (SCI-Expanded)
- XIII. **Leaching of trace metals from high carbon fly ash stabilized highway base layers**
Cetin B., Aydılek A. H., GÜNEY Y.
RESOURCES CONSERVATION AND RECYCLING, vol.58, pp.8-17, 2012 (SCI-Expanded)
- XIV. **Stabilization of recycled base materials with high carbon fly ash**
Cetin B., Aydılek A. H., GÜNEY Y.
RESOURCES CONSERVATION AND RECYCLING, vol.54, no.11, pp.878-892, 2010 (SCI-Expanded)
- XV. **Re-usage of waste foundry sand in high-strength concrete**
GÜNEY Y., Sari Y. D., Yalcin M., Tuncan A., Donmez S.
WASTE MANAGEMENT, vol.30, no.8-9, pp.1705-1713, 2010 (SCI-Expanded)
- XVI. **Impact of cyclic wetting-drying on swelling behavior of lime-stabilized soil**
GÜNEY Y., Sari D., Cetin M., Tuncan M.
BUILDING AND ENVIRONMENT, vol.42, no.2, pp.681-688, 2007 (SCI-Expanded)
- XVII. **Geoenvironmental behavior of foundry sand amended mixtures for highway subbases**
GÜNEY Y., Aydılek A. H., Demirkan M. M.
WASTE MANAGEMENT, vol.26, no.9, pp.932-945, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Açıköğretim'in toplumda dijital dönüşüm işlevi**
FIRAT M., GÜNEY Y.
Açıköğretim Uygulamaları ve Araştırmaları Dergisi, vol.6, no.1, pp.53-62, 2020 (Peer-Reviewed Journal)
- II. **Comparisons of Three Different Sensors in Different Ambient Vibration Measurements**
KAPLAN O., GÜNEY Y.
International Journal of Structural and Civil Engineering Research, vol.8, no.1, pp.75-78, 2019 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Temel Ölçme Aletleri ve Haritacılık Hesapları**
GÜNEY Y.
in: COĞRAFI BİLGİ SİSTEMLERİNE GİRİŞ, Alper Çabuk, Editor, Anadolu Üniversitesi, Eskişehir, pp.94-117, 2015
- II. **Ölçme ve Ölçme Bilgisine İlişkin Temel Kavramlar**
GÜNEY Y.

in: COĞRAFİ BİLGİ SİSTEMLERİNE GİRİŞ, Alper Çabuk, Editor, Anadolu Üniversitesi, Eskişehir, pp.72-92, 2015

III. Deprem ve Yapı İlişkisi

GÜNEY Y.

Anadolu Üniversitesi, 2012

Refereed Congress / Symposium Publications in Proceedings

- I. Türkiye Yapı Muayene Sistemi**
TEMÜR R., KAPLAN O., GÜNEY Y., DOĞANGÜN A., İLKİ A.
2. Uluslararası Afet ve Dirençlilik Kongresi, Eskişehir, Turkey, 13 - 15 October 2020, pp.287-288
- II. ESTABLISHING ESKİŞEHİR BUILDING INVENTORY DATABASE: A PILOT STUDY**
KAPLAN O., GÜNEY Y., TÜN M.
International Disaster and Resilience Congress, Eskişehir, Turkey, 26 - 28 June 2019, pp.601-602
- III. Comparison of Three Different Sensors in Different Ambient Vibration Measurements**
KAPLAN O., GÜNEY Y.
2nd International Conference on Structure and Civil Engineering Research, Prag, Czech Republic, 20 - 22 June 2018
- IV. ESTABLISHING IRREGULAR BUILDINGS INVENTORY DATABASE OF ESKİŞEHİR BUILDING STOCK USING GEOGRAPHIC INFORMATION SYSTEMS**
KAPLAN O., AVDAN U., GÜNEY Y., HELVACI C.
INTERNATIONAL SYMPOSIUM ON GIS APPLICATIONS IN GEOGRAPHY AND GEOSCIENCES, 18 - 21 October 2017
- V. Mapping of Soil Engineering Properties in Eskişehir Urban Area**
MUTLU S., TÜN M., PEKKAN E., GÜNEY Y.
INTERNATIONAL SYMPOSIUM ON GIS APPLICATIONS IN GEOGRAPHY AND GEOSCIENCES, 18 - 21 November 2017
- VI. ESKİŞEHİR BİNA ENVANTERİNDE YER ALAN BETONARME BİNALARIN DEPREM PERFORMANSLARININ BİR HIZLI DEĞERLENDİRME YÖNTEMİ İLE BELİRLENMESİ**
KAPLAN O., GÜNEY Y., ÖZÇELİKÖRS Y., TOPÇU A.
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, Eskişehir, Turkey, 11 - 13 October 2017
- VII. PRODUCING OF ENGINEERING PROPERTIES OF SOIL MAPS OF ESKİŞEHİR AND DETERMINATION OF THE GROUND AMPLIFICATION OF CITY CENTER**
MUTLU S., TÜN M., PEKKAN E., GÜNEY Y.
4rd International Conference on Earthquake Engineering and Seismology (4ICEES), 11 - 13 October 2017
- VIII. The Effect of Heat Treated Boron Derivative Waste on the Compressive Strength of Cement Mortar**
ÖVER KAMAN D., KÖROĞLU L., AYAS E., GÜNEY Y.
2nd International Conference on Civil and Environmental Engineering, Nevşehir, Turkey, 8 - 10 May 2017
- IX. Comparison of Irregularities and Structural Defects in Eskişehir Building Inventory with Collapsed Buildings in Kocaeli Earthquake**
KAPLAN O., GÜNEY Y., ÖZÇELİKÖRS Y.
2nd International Conference on Civil and Environmental Engineering Cappadocia 2017, Turkey, 8 - 10 May 2017
- X. Ground Penetration Radar GPR Studies in Kureysler Dam Rescue Excavations Kütahya Turkey**
MUTLU S., TÜN M., PEKKAN E., ECEVİTOĞLU G. B., GÜNEY Y.
American Geophysical Union Fall Meeting 2016, San-Francisco, Costa Rica, 12 - 16 December 2016
- XI. Building Inventory Database on the Urban Scale Using GIS for Earthquake Risk Assessment**
KAPLAN O., AVDAN U., GÜNEY Y., HELVACI C.
American Geophysical Union Fall Meeting 2016, San-Francisco, Costa Rica, 12 - 16 December 2016
- XII. Utilisation of Thermally Treated Boron Derivative Waste in Cement Mortar**
ÖVER KAMAN D., KÖROĞLU L., AYAS E., GÜNEY Y.
6th International Symposium on Energy From Biomass and Waste, VENEZIA, Italy, 14 - 17 November 2016
- XIII. AnaNet A New Weak Strong Motion Network for Metropolitan Eskişehir And Bursa West Anatolia Turkey**
TÜN M., PEKKAN E., MUTLU S., GÜNEY Y.

International Workshop on Earthquakes in North Iceland, Husavik, Faroe Islands, 31 May - 03 June 2016

XIV. Mechanical Properties of Cement Mortar Containing Calcined Borax Waste

ÖVER KAMAN D., KÖROĞLU L., AYAS E., GÜNEY Y.

15th International Waste Management and Landfill Symposium, Sardinia, 5 - 09 October 2015

XV. Aktif MASW Yöntemiyle Zeminin Sismik Hız Yapısının Belirlenmesi

MUTLU S., TÜN M., PEKKAN E., ECEVİTOĞLU G. B., GÜNEY Y.

3. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, İzmir, Turkey, 14 - 16 October 2015

XVI. Eskişehir İli Bina Envanterinin Yapısal Kusurlar ve Düzensizlikler Bakımından İrdelenmesi

KAPLAN O., GÜNEY Y., CENGİZ A. E., ÖZÇELİKÖRS Y., TOPÇU A.

3. Türkiye deprem Mühendisliği ve Sismoloji Konferansı, İzmir, Turkey, 14 - 16 October 2015

XVII. DETERMINATION OF THE SEISMIC VELOCITY MODEL OF THE GROUND BY USING MASW METHOD A CASE STUDY IN YUNUS EMRE KAMPÜSÜ ESKİŞEHİR

MUTLU S., TÜN M., PEKKAN E., ECEVİTOĞLU G. B., GÜNEY Y.

5th international Earthquake Symposium, Kocaeli, Turkey, 10 - 12 June 2015

XVIII. Effect of infill walls and plaster for a four storey R C building

KAPLAN O., GÜNEY Y., DOĞANGÜN A., LİVAOĞLU R.

6th International Operational Modal Analysis Conference IOMAC2015, Gijon, Spain, 12 - 14 May 2015

XIX. Comparison of Liquefaction Potential Index Values Obtained from Using SPT and CPT Data A Case Study Tepebasi Eskisehir

MUTLU S., PEKKAN E., TÜN M., GÜNEY Y.

European Geosciences Union General Assembly, VİYANA, Austria, 12 - 16 April 2015

XX. A New look to the Eskişehir fault

TÜN M., AVDAN U., KAPLAN O., GÜNEY Y., ÇABUK A., KAYPAK B., UYAR G. G., ECEVİTOĞLU G. B., ESAT K., SEYİTOĞLU G.

19th International Geophysical Congress & Exhibition of Turkey, Ankara, Turkey, 23 - 26 November 2010

Supported Projects

GÜNEY Y., Benzer R. S., Project Supported by Higher Education Institutions, FARKLI SIKILIKTAKİ KUM ZEMİNLER İLE KENEVİR ESASLI GEOTEKSTİL VE GEOGRİDLERİN ARAYÜZ MUKAVEMETİNİN BELİRLENMESİ, 2022 - 2023

GÜNEY Y., Özdemir A. M., Project Supported by Higher Education Institutions, KENEVİR LİFLERİNİN, MERMER TOZU VE UÇUCU KÜL İLE İYİLEŞTİRİLMİŞ KİLLİ ZEMİNLERİN DAYANIMINA ETKİSİNİN ARAŞTIRILMASI, 2022 - 2023

GÜNEY Y., AKDOĞAN B., Project Supported by Higher Education Institutions, Kenevir Esaslı Geotekstil Takviyesinin Zayıf Zeminlerin Üzerindeki Etkisinin Araştırılması, 2022 - 2023

Metrics

Publication: 42

Citation (WoS): 473

Citation (Scopus): 565

H-Index (WoS): 8

H-Index (Scopus): 9