

Assoc. Prof. NEJAN HUVAJ SARIHAN

Personal Information

Place of birth: Ankara

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Education Information

Doctorate, University Of Illinois At Urbana-Champaign, İnşaat Mühendisliği Bölümü, United States Of America 2003 - 2009

Under Graduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1994 - 1999

Dissertations

Doctorate, Movement of reactivated landslides, University Of Illinois At Urbana-Champaign, İnşaat Mühendisliği Bölümü, 2009

Research Areas

Urban Geology, Engineering Geology foundations, earthquakes, dams, reservoirs, Renewable energy, Civil Engineering, Geotechnical, Foundation Engineering, Soil Mechanics, Deep Excavation, Ground Improvement, Solar energy, Wind power, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2019 - Continues

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2018 - 2019

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2009 - 2018

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1999 - 2001

Professional Experience

Deputy Head of Department, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2020 - Continues

Bölüm Tanıtım ve Mezunlarla İlişkiler Komisyonu Üyesi, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2018 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Middle East Technical University, Presidency Office, ÖGEM - Center for Advancing Learning and Teaching, 2018 - Continues

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Middle East Technical University, Presidency Office, RÜZGEM Rüzgar Enerjisi Teknolojileri Araştırma ve Uygulama Merkezi, 2017 - Continues

Assistant Manager of Research and Application Center, Middle East Technical University, Presidency Office, RÜZGEM Center for Wind Energy Research, 2017 - 2020

Erasmus Coordinator, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2011 - 2019

Bölüm Başkan Danışmanı, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2012 - 2018

Rektörlük Stratejik Plan Komisyonu Üyesi, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2016 - 2017

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Middle East Technical University, Presidency Office, Society and Science Application and Research Center, 2013 - 2017

Courses

FOUNDATION ENGINEERING I, Under Graduate, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019

SOIL MECHANICS, Under Graduate, 2009 - 2010, 2010 - 2011, 2011 - 2012, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018, 2018 - 2019

Ground Improvement, Under Graduate, 2016 - 2017, 2017 - 2018, 2019 - 2020

Applications of Geosynthetics, Post Graduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2016 - 2017, 2017 - 2018

SHEAR STRENGTH AND SLOPE STABILITY IN SOILS, Under Graduate, 2012 - 2013, 2013 - 2014, 2014 - 2015, 2015 - 2016, 2018 - 2019

DEEP EXCAVATIONS & RETAINING STRUCTURES, Post Graduate, 2017 - 2018

Uncertainty and Data Analysis, Under Graduate, 2009 - 2010

Advising Theses

HUVAJ SARIHAN N., An experimental study on geotextile-soil filter system, Post Graduate, S.Gül(Student), 2020

Huvaj Sarihan N., Geotechnical Characterization of Soils Prone to Rainfall-Induced Landslides in Rize (Northern Turkey), Post Graduate, C.EMRE(Student), 2019

Huvaj Sarihan N., TWO DIMENSIONAL FINITE ELEMENT MODELING FOR THE MULTI TIER PILE WALL WITH ANCHOR SHORING SYSYTEM, Post Graduate, Y.EMRE(Student), 2019

Huvaj Sarihan N., ASSESSMENT OF POROSITY-PERMEABILITY VARIATION ON THE RESPONSE OF SANDY SOILS VIA HYPOPLASTICITY MODEL, Post Graduate, H.BAYRAKTAROĞLU(Student), 2019

Huvaj Sarihan N., Three-dimensional finite element modelling in piled raft foundation design, Post Graduate, S.SONGÜR(Student), 2019

HUVAJ SARIHAN N., Analysis of a wind turbine foundation on stiff clay with analytical and 3D finite element methods, Post Graduate, B.Eren(Student), 2019

HUVAJ SARIHAN N., Behavior of geocell reinforced sandy soils under static load, Post Graduate, M.CAN(Student), 2017

HUVAJ SARIHAN N., Spatial probabilistic evaluation of sea bottom soil properties and its effect on foundation design, Post Graduate, E.AHMET(Student), 2017

TOKER N. K. , HUVAJ SARIHAN N., Numerical simulation of infiltration and evaporation for unsaturated infinite soil slopes, Post Graduate, M.BİRHAN(Student), 2017

HUVAJ SARIHAN N., Laboratory experiments on improvement of buried flexible pipes by using geof foam, Post Graduate, B.SÖYLEMEZ(Student), 2017

HUVAJ SARIHAN N., Probabilistic slope stability analysis using limit equilibrium, finite element and random finite element methods, Post Graduate, B.AKBAŞ(Student), 2015

HUVAJ SARIHAN N., Three dimensional finite element modeling for the spudcan penetration into clayey seabed, Post Graduate, V.EMREN(Student), 2015

HUVAJ SARIHAN N., Comparison of measured and predicted consolidation settlements in soft ground /, Post Graduate, S.ERGİN(Student), 2014

HUVAJ SARIHAN N., Shallow landslides triggered by rainfall in unsaturated soils, Doctorate, M.AHMADI(Student), 2014

HUVAJ SARIHAN N., TOKER N. K. , Shallow landslides triggered by rainfall in nsaturated soils, Doctorate, M.Ahmadi(Student), 2014

HUVAJ SARIHAN N., Three dimensional finite element modeling for the laterally loaded passive pile behavior, Post Graduate, A.EKİCİ(Student), 2013

HUVAJ SARIHAN N., Nonlinearity of the residual shear strength envelope in stiff clays, Post Graduate, A.MAGHSOUDLOO(Student), 2013

HUVAJ SARIHAN N., An investigation of geotechnical characteristics and stability of a tailings dam, Post Graduate, E.SAYIT(Student), 2012

HUVAJ SARIHAN N., Relations between pore water pressure, stability and movements in reactivated landslides, Post Graduate, B.GÜNDOĞDU(Student), 2011

HUVAJ SARIHAN N., Deformation behavior of a clay cored rockfill dam in Turkey, Post Graduate, Y.Zahit(Student), 2010

HUVAJ SARIHAN N., Deformation behaviour of a clay cored rockfill dam in Turkey, Post Graduate, Y.ZAHİT(Student), 2010

Jury Memberships

Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, September, 2019

Doctorate, Doctorate, Karadeniz Teknik Üniversitesi, June, 2019

Designed Lessons

Huvaj Sarihan N., Shear Strength and Slope Stability in Soils, Under Graduate, 2010 - 2011

Taught Courses And Trainings

Huvaj Sarihan N., İnşaat Mühendisleri Odası, COVID-19 nedeniyle Online yapılan Meslekiçi Eğitim Seminerleri "Zemin Etüdlerinde Dikkat Edilecek Hususlar", 2020 - 2020

Huvaj Sarihan N., Askan Gündoğan A., İnşaat Mühendisleri Odası Ankara Şubesi, Meslekiçi Eğitim Seminerleri, Elazığ Depremi Geoteknik Mühendisliği Gözlemleri, 2020 - 2020

Uzol O., Kayran A., Sezer Uzol N., Çöker D., Huvaj Sarihan N., Oğuz E., Keysan O., Perçin M., Rüzgar Enerjisi ve Rüzgar Türbini Teknolojileri Temel Eğitimi, 2019 - 2019

Huvaj Sarihan N., Geoteknik Mühendisliği Nedir? (ODTÜ Dönem Arası Seminerleri, DAS), 2019 - 2019

Huvaj Sarihan N., İMO Geoteknik Mühendisliği Meslekiçi Eğitim, 2018 - 2018

Huvaj Sarihan N., İkizler S. B. , Ekmekçi M., Sönmez H., Binal A., Akgün M., Dadaşbilge O., Çevre ve Şehircilik Bakanlığı, Parsel Bazlı Zemin Etüt Çalışmaları Eğitimi, "İdealize Zemin Profili ve Geoteknik Parametrelerin Seçimi", "Kazıklı Temeller", "Şev Stabilitesi", 2017 - 2017

Huvaj Sarihan N., İnşaat Mühendisleri Odası Ankara Şubesi, Meslekiçi Eğitim Seminerleri, "Geoteknik Mühendisliğinde Sonlu Elemanlar Yöntemi: Temel Bilgiler", 2017 - 2017

Huvaj Sarihan N., Sivrikaya O., İkizler S. B. , Olgun M., Tan Ö., Çetin K. Ö. , Dadaşbilge O., İnşaat Mühendisleri Odası

Eskişehir Şubesi, Meslekiçi Eğitim Seminerleri, "Şev Stabilitesi" , 2017 - 2017

Huvaj Sarihan N., Pekcan O., İnşaat Mühendisleri Odası Ankara Şubesi, Meslekiçi Eğitim Seminerleri, "Karayolu Projelerinde Geosentetiklerin Kullanımı", 2017 - 2017

Huvaj Sarihan N., İnşaat Mühendisleri Odası Ankara Şubesi, Meslekiçi Eğitim Seminerleri "Zemin Etüdlerinde Dikkat Edilecek Hususlar", 2016 - 2016

Huvaj Sarihan N., Tan Ö., Laman M., Demir A., Uncuoğlu E., Örnek M., Güllü H., İnşaat Mühendisleri Odası Hatay Şubesi, Meslekiçi Eğitim Seminerleri, "Şev Stabilitesi" ve "Numerik Yöntemler", 2015 - 2015

Huvaj Sarihan N., Tuncan M., Tuncan A., Türköz M., Okur D. V. , Yılmaz G., İnşaat Mühendisleri Odası Eskişehir Şubesi, Meslekiçi Eğitim Seminerleri, "Geoteknik Mühendisliğinde Nümerik Yöntemler", 2015 - 2015

Huvaj Sarihan N., İnşaat Mühendisleri Odası Kuzey Kıbrıs Şubesi, Meslekiçi Eğitim Seminerleri "Zemin Etüdüleri", 2013 - 2013

Huvaj Sarihan N., Karabük İl Afet Müdürlüğü ve Batı Karadeniz Kalkınma Ajansı Ortak Seminerleri "Heyelanlar", 2012 - 2012

Huvaj Sarihan N., Toker N. K. , Akbaş S. O. , Pekcan O., Çetin K. Ö. , Çokça E., Bakır B. S. , İnşaat Mühendisleri Odası Geoteknik Mühendisliği Meslekiçi Eğitim, 2011 - 2011

Huvaj Sarihan N., Toker N. K. , Çokça E., Ergun M. U. , Erol O., İller Bankası Genel Müd. "Zemin Mekanığı ve Temel Mühendisliği" eğitimi, 2009 - 2009

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Successful Seismic Performance of Bridges After Sivrice Earthquake Mw: 6.7, Jan 2020, Turkey**
Caner A., Natale A., Masood S., Huvaj Sarihan N.
Journal Of Performance Of Constructed Facilities, vol.1, no.1, pp.1-10, 2021 (Journal Indexed in SCI Expanded)
- II. **Constant water content direct shear testing of compacted residual soils**
Üyetürk C. E. , Huvaj Sarihan N.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.80, no.1, pp.691-703, 2021 (Journal Indexed in SCI)
- III. **Spatial probabilistic evaluation of offshore/nearshore sea bottom soils based on cone penetration tests**
Oguz E. A. , Huvaj N.
Bulletin of Engineering Geology and the Environment, vol.79, pp.971-983, 2020 (Journal Indexed in SCI)
- IV. **Geotechnical characteristics of residual soils in rainfall-triggered landslides in Rize, Turkey**
Uyeturk C. E. , Huvaj N., Bayraktaroglu H., Huseyinpasaoglu M.
Engineering Geology, vol.264, 2020 (Journal Indexed in SCI Expanded)
- V. **Effect of Unsaturated Soil Properties on the Intensity-Duration Threshold for Rainfall Triggered Landslides**
Kenanoğlu M. B. , Ahmadi-Adli M., Toker N. K. , Huvaj N.
TEKNİK DERGI, vol.30, pp.9009-9027, 2019 (Journal Indexed in SCI)
- VI. **Vertical spatial correlation length based on standard penetration tests**
Oguz E. A. , Huvaj N., Griffiths D. V.
MARINE GEORESOURCES & GEOTECHNOLOGY, vol.37, pp.45-56, 2019 (Journal Indexed in SCI)
- VII. **Effects of drying on Atterberg limits of pyroclastic soils of Northern Turkey**
Huvaj N., Uyeturk E.
APPLIED CLAY SCIENCE, vol.162, pp.46-56, 2018 (Journal Indexed in SCI)
- VIII. **Rainfall-triggered landslides in an unsaturated soil: a laboratory flume study**
Ahmadi-Adli M., Huvaj Sarihan N., Toker N. K.
ENVIRONMENTAL EARTH SCIENCES, vol.76, 2017 (Journal Indexed in SCI)
- IX. **Closure to "Residual Shear Strength Measured by Laboratory Tests and Mobilized in Landslides" by Gholamreza Mesri and Nejan Huvaj-Sarihan**
Mesri G., Huvaj Sarihan N.

JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.139, pp.1632-1633, 2013 (Journal Indexed in SCI)

X. **Residual Shear Strength Measured by Laboratory Tests and Mobilized in Landslides**

Mesri G., Huvaj Sarihan N.

JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.138, pp.585-593, 2012 (Journal Indexed in SCI)

XI. **Shear strength of municipal solid waste for stability analyses**

Stark T. D. , Huvaj-Sarihan N., Li G.

ENVIRONMENTAL GEOLOGY, vol.57, pp.1911-1923, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

I. **Probabilistic Slope Stability Analysis: A Case Study**

Huvaj Sarihan N., Oğuz E. A.

Sakarya University Journal Of Science, vol.22, pp.1458-1465, 2018 (National Refreed University Journal)

II. **POWER COEFFICIENT IN ONE POINT LIQUID LIMIT TEST FOR SOILS OF NORTHERN TURKEY AT VARIOUS TEMPERATURES**

Üyetürk C. E. , Huvaj Sarihan N.

Selçuk Üniversitesi Mühendislik, Bilim ve Teknoloji Dergisi, vol.6, pp.643-653, 2018 (Other Refereed National Journals)

Books & Book Chapters

I. **Zemin Etüdü El Kitabı**

Laman M., Tan Ö., İkizler S. B. , Huvaj Sarihan N., Sağlam S., Dadaşbilge O., Darı L., Bildirici Suna A., Karaçöl Özgür Ö. TMMOB İnşaat Mühendisleri Odası, Ankara, 2016

Refereed Congress / Symposium Publications in Proceedings

I. **EFFECTS OF SPATIAL VARIABILITY OF MARGINAL FILLS ON EXTERNAL STABILITY OF REINFORCED SLOPES**

Durmaz M., Huvaj Sarihan N., Turgut A. M. , Öztürk N.

8th International Geotechnical Symposium, İstanbul, Turkey, 13 - 15 November 2019, vol.1, pp.1

II. **DENİZ ÜSTÜ RÜZGAR TÜRBİNLERİ: TEMEL TİPİ SEÇİMİVE DENİZ TABANI ZEMİN ARAŞTIRMALARI**

Huvaj Sarihan N., Caceoğlu E., Baidol Y.

5. İzmir Rüzgâr Sempozyumu, İzmir, Turkey, 3 - 05 October 2019, vol.1, pp.1

III. **Geotekstillerin Barajlarda Filtre Malzemesi Olarak Kullanımı ve Tasarım Kriterleri**

Gül S., Huvaj Sarihan N.

8'inci Ulusal Geosentetikler Konferansı, İstanbul, Turkey, 16 - 17 May 2019, vol.1, pp.337-347

IV. **Drying Changes Consistency Limits**

Uyeturk E., Huvaj N.

8th International Conference on Case Histories in Geotechnical Engineering: Geotechnical Materials, Modeling, and Testing, Geo-Congress 2019, Pennsylvania, United States Of America, 24 - 27 March 2019, pp.532-540

V. **Index Properties and Classification of Marginal Fills or Coarse-Fine Mixtures**

Huvaj N., Ekici A., Ekici A., Akgüner C.

8th International Conference on Case Histories in Geotechnical Engineering: Engineering Geology, Site Characterization, and Geophysics, Geo-Congress 2019, Pennsylvania, United States Of America, 24 - 27 March 2019, pp.91-99

- VI. **Heyelanlarda İnklinometre Okumalarının Değerlendirilmesinde Dikkat Edilmesi Gereken Hususlar**
HUVAJ SARIHAN N.
2'inci Ulusal Heyelan Sempozyumu, Ankara, Turkey, 11 - 12 October 2018, vol.1, pp.47
- VII. **Rize İlinde Yağışlarla Tetiklenen Heyelanların Malzeme Özellikleri**
Üyetürk C. E. , Bayraktaroğlu H., Huvaj Sarihan N., Hüseyinpaşaoğlu M.
2'inci Ulusal Heyelan Sempozyumu, Ankara, Turkey, 11 - 12 October 2018, vol.1, pp.43
- VIII. **Hipoplastik Bünye Model Parametrelerinin Kumlu Zeminler İçin Belirlenmesi**
Bayraktaroğlu H., Taşan E., Huvaj Sarihan N.
Zemin Mekaniği ve Geoteknik Mühendisliği 17. Ulusal Konferansı, İstanbul, Turkey, 26 - 28 September 2018, vol.2, pp.285-298
- IX. **Üç Boyutlu Yazıcı İle Üretilen Geosentetiklerin Özellikleri Ve Kullanım Potansiyelleri**
Urgan S., Huvaj Sarihan N.
Zemin Mekaniği ve Geoteknik Mühendisliği 17. Ulusal Konferansı, İstanbul, Turkey, 26 - 28 September 2018, vol.3, pp.905-916
- X. **Geoteknik Arazi Karakterizasyonu**
Öztoprak S., İnanır O., İkizler S. B. , Huvaj Sarihan N.
Zemin Mekaniği ve Geoteknik Mühendisliği 17. Ulusal Konferansı, İstanbul, Turkey, 26 - 28 September 2018, vol.1, pp.125-184
- XI. **Farklı Kurutma Sıcaklıklarının Atterberg Limitlerine Etkisi**
Üyetürk C. E. , Huvaj Sarihan N.
Zemin Mekaniği ve Geoteknik Mühendisliği 17. Ulusal Konferansı, İstanbul, Turkey, 26 - 28 September 2018, vol.2, pp.277-284
- XII. **Effect of geofom location and density on the improvement of buried flexible pipe**
Söylemez B., Huvaj Sarihan N.
11th International Conference on Geosynthetics (11ICG), Seoul, South Korea, 16 - 21 September 2018, vol.1, pp.1-8
- XIII. **Soil Improvement with mini jetgrout columns and geogrid reinforced mechanical fill system under a machine foundation**
Dadaşbilge O., Huvaj Sarihan N.
11th International Conference on Geosynthetics (11ICG), Seoul, South Korea, 16 - 21 September 2018, vol.1, pp.1-8
- XIV. **Variability in offshore soils and effects on probabilistic bearing capacity**
Oğuz E. A. , Huvaj Sarihan N., Üyetürk C. E.
9th European Conference on Numerical Methods in Geotechnical Engineering (NUMGE2018), Porto, Portugal, 25 - 27 June 2018, vol.1, pp.551-558
- XV. **Deniz Tabanı Zeminlerde Değişkenlik ve Sürekli Temelerde Oturma ve Taşıma Gücüne Etkisi**
Oğuz E. A. , Huvaj Sarihan N.
7inci Uluslararası Katılımlı Geoteknik Sempozyumu, İstanbul, Turkey, 22 - 24 November 2017, vol.1, pp.235-246
- XVI. **Rainfall threshold to trigger landslides in unsaturated soils: A laboratory model study**
Ahmadi-Adli M., Huvaj Sarihan N., Toker N. K.
19th International Conference on Soil Mechanics and Geotechnical Engineering (19th ICSMGE), Seoul, South Korea, 17 - 22 September 2017, pp.3485-3488
- XVII. **Three-Dimensional Finite Element Modeling for Spudcan Penetration into a Clayey Seabed**
Emren V., Huvaj Sarihan N., Tuncay K.
3rd Conference on Geotechnical Frontiers, Florida, United States Of America, 12 - 15 March 2017, pp.122-131
- XVIII. **Probabilistic Slope Stability Analyses: Effects of the Coefficient of Variation and the Cross-Correlation of Shear Strength Parameters**
Oguz E. A. , Yalçın Y., Huvaj Sarihan N.
3rd Conference on Geotechnical Frontiers, Florida, United States Of America, 12 - 15 March 2017, pp.363-371
- XIX. **Üç Boyutlu Sonlu Elemanlar Yöntemi ile Açık Deniz Platform Temellerinin Killi Zemine Penetrasyonu**
Emren V., Huvaj Sarihan N., Tuncay K.

Zemin Mekaniği ve Geoteknik Mühendisliği 16. Ulusal Kongresi, Erzurum, Turkey, 13 - 14 October 2016

- XX. **Rastsal Sonlu Elemanlar Yöntemi ile Olasılıksal Şev Stabilitesi Analizi**
Akbaş B., Huvaj Sarıhan N.
Zemin Mekaniği ve Geoteknik Mühendisliği 16. Ulusal Kongresi, Erzurum, Turkey, 13 - 14 October 2016, vol.1, pp.1-11
- XXI. **Üç Boyutlu Sonlu Elemanlar Yöntemi ile Açık Deniz Platform Temellerinin Killi Zemine Penetrasyonu**
Emren V., Huvaj Sarıhan N., Tuncay K.
Zemin Mekaniği ve Geoteknik Mühendisliği 16. Ulusal Kongresi, Erzurum, Turkey, 13 - 14 October 2016, vol.1, pp.1-10
- XXII. **ÜÇ BOYUTLU SONLU ELEMANLAR YÖNTEMİ İLE AÇIK DENİZ PLATFORM TEMELLERİNİN KİLLİ ZEMİNE PENETRASYONU**
EMREN V., HUVAJ SARIHAN N., TUNCAY K.
Zemin Mekaniği ve Geoteknik Mühendisliği 16. Ulusal Kongresi, Turkey, 13 - 14 October 2016
- XXIII. **A Review on the Use of Marginal Fills for Geogrid Reinforced Walls and Slopes**
Ekici A., Huvaj Sarıhan N.
6th European Geosynthetics Congress (EuroGeo6), Ljubljana, Slovenia, 25 - 28 September 2016, vol.1, pp.539-544
- XXIV. **Investigation of rock slope stability for an abandoned limestone quarry in Konya Turkey**
Kalpakçı V., Öztürk Ş., Topal T., Huvaj Sarıhan N.
Landslides and Engineered Slopes. Experience, Theory and Practice, Naples, Italy, 12 - 19 June 2016
- XXV. **Suya doymun olmayan yamaçlarda yağmurla oluşan heyelanlar ve erken uyarı**
Huvaj Sarıhan N., Ahmadiadli M., Toker N. K.
Ulusal Heyelan Sempozyumu, Ankara, Turkey, 27 - 29 April 2016
- XXVI. **Yağmurla Tetiklenen Heyelanların Önceden Tahmini: Bir Laboratuvar Model Çalışması**
Ahmadi-Adli M., Huvaj Sarıhan N., Toker N. K.
6. Geoteknik Sempozyumu, Adana, Turkey, 26 - 27 November 2015, vol.1, pp.1-10
- XXVII. **Sensitivity of rainfall threshold to unsaturated material properties**
Huvaj Sarıhan N., Kenanoğlu M. B. , Ahmadiadli M., Toker N. K.
4th Italian Workshop on Landslides, Naples, Italy, 23 - 25 November 2015
- XXVIII. **Probabilistic Slope Stability Analyses Using Limit Equilibrium and Finite Element Methods**
Akbas B., Huvaj Sarıhan N.
5th International Symposium on Geotechnical Safety and Risk (ISGSR), Rotterdam, Netherlands, 13 - 16 October 2015, pp.716-721
- XXIX. **Analysis of Reinforced Soil Slopes with Limit Equilibrium and Finite Element Methods**
Özçelik G., Paşaoğlu Ö., Huvaj Sarıhan N.
10th International Conference on Geosynthetics (10ICG), Berlin, Germany, 21 - 24 September 2014, vol.1, pp.1-8
- XXX. **Validation of 3D finite element solution for laterally loaded passive piles**
Ekici A., Huvaj Sarıhan N.
8th European Conference on Numerical Methods in Geotechnical Engineering (NUMGE), Delft, Netherlands, 18 - 20 June 2014, pp.651-656
- XXXI. **Effects of the size of particles on rainfall induced slope instability in granular soils**
Ahmadi-Adli M., Huvaj Sarıhan N., Toker N. K.
ASCE Geo-Congress 2014, Geotechnical Special Publication 234: Geo-Characterization And Modeling For Sustainability, Georgia, United States Of America, 23 - 26 February 2014, vol.1, pp.4027-4036
- XXXII. **Tekrarlı Direk Kesme Deneyi ile Ankara Kilinin Rezidüel Kayma Dayanımı**
Huvaj Sarıhan N., Maghsoudloo A.
5. Geoteknik Sempozyumu, Adana, Turkey, 5 - 07 December 2013, vol.1, pp.1-10
- XXXIII. **Prediction of seepage and slope stability in a flume test and an experimental field case**
Ahmadi-Adli M., Toker N. K. , Huvaj N.
3rd Italian Workshop on Landslides (IWL) - Hydrological Response of Slopes through Physical Experiments, Field Monitoring and Mathematical Modeling, Naples, Italy, 23 - 24 October 2013, vol.9, pp.189-194
- XXXIV. **Landslide stabilization by piles: A case history**

Şengör M. Y. , Ergun M. U. , Huvaj Sarihan N.

18th International Conference on Soil Mechanics and Geotechnical Engineering (18th ICSMGE), Paris, France, 2 - 06 September 2013, vol.3, pp.2253-2256

- XXXV. **Finite Element Modeling of Displacement Behavior of a Slow-Moving Landslide**
Huvaj Sarihan N., Maghsoudloo A.
ASCE Geo-Congress 2013, Geotechnical Special Publication 231: Stability and Performance of Slopes and Embankments III, California, United States Of America, 3 - 07 March 2013, pp.670-679
- XXXVI. **Rainfall triggered landslides in unsaturated soils A numerical sensitivity analysis**
Ahmadiadli M., Huvaj Sarihan N., Toker N. K.
10th International Congress on Advances in Civil Engineering, Ankara, Turkey, 17 - 19 October 2012
- XXXVII. **Geotechnical Field Observations from 23 October 2011 Van Earthquake (Mw=7.1)**
Gülerce Z., Çetin K. Ö. , Yılmaz M. T. , Huvaj Sarihan N., Ünsever Y. S. , Ünsal S., Sağlam S., Sandıkkaya M. A. , Türkoğlu M.
10th International Congress on Advances in Civil Engineering (ACE2012), Ankara, Turkey, 17 - 19 October 2012, vol.1, pp.1-9
- XXXVIII. **Katı Killerde Rezidüel Kayma Dayanımı**
Huvaj Sarihan N.
Zemin Mekaniği ve Temel Mühendisliği 14. Ulusal Kongresi, Isparta, Turkey, 4 - 05 October 2012, vol.1, pp.1-10
- XXXIX. **Comparative study of soil water characteristic curve prediction methods**
Ahmadiadli M., Huvaj Sarihan N., Toker N. K. , Kürkcü M. G.
3rd International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, Lefkoşa, Cyprus (Kkct), 28 - 30 June 2012
- XL. **Yumuşak Zeminlerde Düşey Drenli Konsolidasyon Oturmaları: Bir Vaka Çalışması**
Ergin S., Huvaj Sarihan N.
5. Ulusal Geosentetikler Konferansı, İstanbul, Turkey, 24 - 25 May 2012, vol.1, pp.1-11
- XLI. **Rainfall triggered landslides in unsaturated soils a numerical sensitivity analysis for rainfall threshold**
Ahmadiadli M., Huvaj Sarihan N., Toker N. K.
General Assembly 2012 of the European Geosciences Union, Vienna, Austria, 22 - 27 April 2012
- XLII. **Prediction of landslide movements and its relation to damage in structures**
Maghsoudloo A., Huvaj Sarihan N.
Geophysical Research Abstracts, European Geosciences Union, EGU General Assembly 2012, Vienna, Austria, 22 - 27 April 2012, vol.14, pp.1
- XLIII. **Sensitivity of slow moving landslides to changes in groundwater level**
Gündoğdu B., Huvaj Sarihan N.
International Conference on Mountain Risks, European Centre on Geomorphological Hazards (CERG), Florence, Italy, 24 - 26 November 2010, vol.1, pp.207-213
- XLIV. **Experimental Investigation of Failure Time Prediction in Landslides**
Huvaj Sarihan N.
Geophysical Research Abstracts, European Geosciences Union EGU General Assembly 2010, Vienna, Austria, 2 - 07 May 2010, vol.12, pp.1
- XLV. **Relation between pore water pressures and movements in reactivated landslides: A case study from Turkey**
Huvaj Sarihan N., Gündoğdu B.
Geophysical Research Abstracts, European Geosciences Union EGU General Assembly 2010, Vienna, Austria, 2 - 07 May 2010, vol.12, pp.1
- XLVI. **The Asaoka Method Revisited**
Mesri G., Huvaj Sarihan N.
17th International Conference on Soil Mechanics and Geotechnical Engineering (17th ICSMGE), Al-Iskandariyah, Egypt, 5 - 09 October 2009, vol.1, pp.131-134
- XLVII. **Creep movements of reactivated landslides**

Huvaj Sarihan N.

4th International Young Geotechnical Engineers Conference (4th IYGEC), Al-Iskandariyah, Egypt, 2 - 04 October 2009, vol.1, pp.1-4

XLVIII. Evaluation of the rate of movement of a reactivated landslide

Huvaj Sarihan N.

61st Canadian Geotechnical Conference, Geo-Edmonton 2008, Edmonton, Canada, 21 - 24 September 2008, vol.2, pp.1171-1178

XLIX. Back Analyses of Landfill Slope Failures

Huvaj Sarihan N., Stark T.

6th International Conference on Case Histories in Geotechnical Engineering, Virginia, United States Of America, 11 - 16 August 2008, vol.1, pp.1-7

L. Invigorating Geotechnical Engineering Education at the University of Illinois

Sadrekarami A., Huvaj Sarihan N., Olson S. M.

ASCE Geo-Congress 2008, Geotechnical Special publication No 178: Geosustainability and Geohazard Mitigation, Virginia, United States Of America, 9 - 12 March 2008, pp.789-796

LI. Shear Strength Mobilized in Undrained Failure of Soft Clay and Silt Deposits

Mesri G., Huvaj Sarihan N.

ASCE Geo-Congress 2007, Geotechnical Special Publication 173: Advances in Measurement and Modeling of Soil Behavior, Colorado, United States Of America, 18 - 21 February 2007, pp.1-22

LII. Excess porewater pressures during secondary compression

Mesri G., Huvaj Sarihan N., Barames V., Ho Y.

16th International Conference on Soil Mechanics and Geotechnical Engineering (16th ICSMGE), Osaka, Japan, 12 - 16 September 2005, vol.2, pp.1087-1090

LIII. Residual shear strength mobilized in Red River slope failures

Mesri G., Huvaj Sarihan N.

9th International Symposium on Landslides (9th ISL), Rio De Janeiro, Brazil, 28 June - 02 July 2004, vol.2, pp.925-931

Activities in Scientific Journals

Bulletin Of Engineering Geology And The Environment, Committee Member, 2020 - Continues

Geofluids, Special Issue Editor, 2020 - 2020

Memberships / Tasks in Scientific Organizations

ISSMGE TC209 Technical Committee on Offshore Geotechnics, Associate Member, 2020 - Continues, England

ISSMGE ISRM IAEG Joint Technical Committee on Natural Slopes and Landslides JTC1, Member, 2015 - Continues, Italy

ASCE Technical Committee on Embankments, Dams and Slopes (EDS), Member, 2010 - Continues, United States Of America

TMMOB İnşaat Mühendisleri Odası Geoteknik Kurulu, Member of Science Committee, 2013 - 2019, Turkey

Çevre ve Şehircilik Bakanlığı Yapı İşleri Genel Müdürlüğü "Zemin ve Temel Etüt Raporu Formatı Hazırlama Komisyonu", Member of Science Committee, 2017 - 2018

Scientific Refereeing

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, January 2021

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, January 2021

COMPUTERS AND GEOTECHNICS, SCI Journal, January 2021

ULUDAĞ ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, December 2019
LANDSLIDES, SCI Journal, December 2019
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, December 2019
ENVIRONMENTAL GEOTECHNICS-JOURNAL, SCI Journal, October 2019
ENGINEERING GEOLOGY, SCI Journal, October 2019
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, September 2019
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, September 2019
LANDSLIDES, SCI Journal, July 2019
BULLETIN OF EARTHQUAKE ENGINEERING, SCI Journal, March 2019
TEKNİK DERGI, Journal Indexed in SCI-E, March 2019
INTERNATIONAL JOURNAL OF PHYSICAL MODELLING IN GEOTECHNICS, SCI Journal, November 2018
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, September 2018
LANDSLIDES, SCI Journal, August 2018
TEKNİK DERGI, Journal Indexed in SCI-E, August 2018
GEOTECHNIQUE, SCI Journal, August 2018
EU Supported Other Project, Middle East Technical University, Turkey, July 2018
EU Supported Other Project, Middle East Technical University, Turkey, July 2018
EU Supported Other Project, Middle East Technical University, Turkey, July 2018
EU Supported Other Project, Middle East Technical University, Turkey, July 2018
ENVIRONMENTAL EARTH SCIENCES, Journal Indexed in SCI-E, June 2018
Zemin Mekaniği ve Geoteknik Mühendisliği 17. Ulusal Kongresi, 26-28 Eylül 2018, İstanbul Üniversitesi, İstanbul, Conference Paper (Full Text), June 2018
INTERNATIONAL JOURNAL OF PHYSICAL MODELLING IN GEOTECHNICS, SCI Journal, May 2018
LANDSLIDES, SCI Journal, March 2018
ENVIRONMENTAL GEOTECHNICS-JOURNAL, SCI Journal, February 2018

Scientific Consultations

Çevre ve Şehircilik Bakanlığı Yapı İşleri Genel Müdürlüğü, Scientific Consultancy, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey, 2017 - 2018

Tasks In Event Organizations

Huvaj Sarihan N., Çinicioğlu Ö., Kılıç H., Özener P., İkizler S. B. , Sağlam S., Bayat E. E. , Özyayın İ. K. , 8'inci Uluslararası Geoteknik Sempozyumu, Scientific Congress, İstanbul, Turkey, Kasım 2019
Huvaj Sarihan N., 1st Mediterranean Young Geotechnical Engineers Conference, Scientific Congress, Muğla, Turkey, Eylül 2019
Huvaj Sarihan N., 8 inci Ulusal Geosentetikler Konferansı, Scientific Congress, İstanbul, Turkey, Mayıs 2019
Huvaj Sarihan N., ASCE Geocongress 2019, Scientific Congress, United States Of America, Mart 2019
Huvaj Sarihan N., Zemin Mekaniği ve Geoteknik Mühendisliği 17. Ulusal Kongresi, Scientific Congress, İstanbul, Turkey, Eylül 2018
Huvaj Sarihan N., 11th International Conference on Geosynthetics, Scientific Congress, Seoul, South Korea, Eylül 2018
Huvaj Sarihan N., International Workshop on Offshore Wind and Wave Energy for Turkey, Workshop Organization, Ankara, Turkey, Eylül 2017

Mobility Activity

Other, Seminar, KAUST, Saudi Arabia, 2018 - 2018

Erasmus Programme, Staff Mobility, Lulea Tekniska Universitet (Lulea University of Technology), Sweden, 2011 - 2011

Edit Congress and Symposium Activities

Workshop: Women in Geomorphology: A Mediterranean perspective, Invited Speaker, Athens, Greece, 2021

27th European Young Geotechnical Engineers Conference, Invited Speaker, Muğla, Turkey, 2019

Joint symposium for the Japan and Turkey inter-university exchange project, Invited Speaker, Tokyo, Japan, 2019

DSİ 2. Barajlar Kongresi, Invited Speaker, İstanbul, Turkey, 2014

Citations

Total Citations (WOS):100

h-index (WOS):5

Scholarships

Society of Women Engineers Scholarship, Other International Organizations, 2007 - 2007

YÖK Yurtdışı doktora bursu, YOK, 2001 - 2005

Awards

Durmaz M., Sari S. B. , Huvaj Sarihan N., 2020 Geoprediction Student Competition İkincilik Ödülü (Takım Danışmanı), American Society Of Civil Engineers (Asce) Geoinstitute, February 2020

Huvaj Sarihan N., Üyetürk C. E. , Oğuz E. A. , 2017 Geoprediction Student Competition Üçüncülük Ödülü (Takım Danışmanı), American Society Of Civil Engineers (Asce) Geoinstitute, March 2017

Huvaj Sarihan N., Söylemez B., Dedemen G., 2016 Geoprediction Student Competition Üçüncülük Ödülü (Takım Danışmanı), American Society Of Civil Engineers (Asce) Geoinstitute, February 2016

Huvaj Sarihan N., Toker N. K. , Ahmadi-Adli M., Yollar Türk Milli Komitesi (YTMK) 2015 Yılın Doktora Tezi Ödülü (Danışman: N. Huvaj, Y. Danışman: K. Toker), Yollar Türk Milli Komitesi (Ytmk), December 2015

Huvaj Sarihan N., 2014-2015 Öğretim Yılı ODTÜ Yılın Eğitimcisi Ödülü, Parlar Vakfı - Orta Doğu Teknik Üniversitesi, December 2015

Huvaj Sarihan N., Numanoğlu Ö. A. , Dörtdivanhoğlu B., 2013 Geoprediction Student Competition Üçüncülük Ödülü (Takım Danışmanı), American Society Of Civil Engineers (Asce) Geoprediction, March 2013