

Assoc. Prof. NEJAN HUVAJ SARIHAN

Personal Information

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International Researcher IDs

ScholarID: W081WNsAAAAJ

ORCID: 0000-0002-0909-1135

Publons / Web Of Science ResearcherID: A-3586-2013

ScopusID: 21738906700

Yoksis Researcher ID: 163724

Education Information

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

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

Biography

Assoc. Prof. Dr. Nejan Huvaj, received B.S. degree in Civil Engineering at Middle East Technical University (METU), Ankara, Türkiye and M.S. and Ph.D. degrees from Civil and Environmental Engineering Department at University of Illinois at Urbana-Champaign, USA, specialization in Geotechnical Engineering. She is currently a faculty member at METU in Ankara, Türkiye.

Dissertations

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

Research Areas

Geographic Information Systems, Land Information Systems, Urban Geology, Engineering Geology foundations, earthquakes, dams, reservoirs, Renewable energy, Civil Engineering, Geotechnical, Foundation Engineering, Soil Mechanics, Deep Excavation, Ground Improvement, Renewable Energy Systems, Solar energy, Wind power, Multi-Criteria Decision Making Analysis, 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

Academic and Administrative Experience

Rektörlük Stratejik Plan Komisyonu Üyesi, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2021 - 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, RÜZGEM Rüzgar Enerjisi Teknolojileri Araştırma ve Uygulama Merkezi, 2017 - Continues
Deputy Head of Department, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2020 - 2023
Rektörlük Stratejik Plan Komisyonu Üyesi, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2021 - 2022
Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Middle East Technical University, Presidency Office, ÖGEM - Center for Advancing Learning and Teaching, 2018 - 2021
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, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
SOIL MECHANICS, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Ground Improvement, Undergraduate, 2019 - 2020, 2017 - 2018, 2016 - 2017
Applications of Geosynthetics, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
SHEAR STRENGTH AND SLOPE STABILITY IN SOILS, Undergraduate, 2018 - 2019, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
DEEP EXCAVATIONS & RETAINING STRUCTURES, Postgraduate, 2017 - 2018
Uncertainty and Data Analysis, Undergraduate, 2009 - 2010

Advising Theses

Huvaj Sarihan N., Preliminary geotechnical design of offshore wind turbine monopiles in Türkiye using FEM, Postgraduate, A.DOĞUKAN(Student), 2024

Huvaj Sarihan N., Nefeslioğlu H., LANDSLIDE VULNERABILITY ASSESSMENT METHODOLOGY FOR HIGH VOLTAGE ELECTRIC TRANSMISSION TOWERS, Postgraduate, H.NUREFSAN(Student), 2024

Oğuz E., Huvaj Sarihan N., OFFSHORE WIND TURBINES IN MARMARA REGION, TÜRKİYE: SITE SELECTION AND PRELIMINARY GEOTECHNICAL DESIGN OF MONOPILES, Postgraduate, E.CACEOĞLU(Student), 2023

Huvaj Sarihan N., Slope stabilizing passive piles: A laboratory model study, Doctorate, A.MENGÜÇ(Student), 2023

Sürer E., Huvaj Sarihan N., A New Framework to Design and Generate Virtual Laboratories for Civil Engineering, Postgraduate, F.YÜCEL(Student), 2022

Huvaj Sarihan N., Akgüner C., Geotechnical properties of coarse-fine mixtures and their interaction with geogrids through large direct shear testing, Doctorate, A.EKİCİ(Student), 2022

Huvaj Sarihan N., Hürlimann M., Physically-based modeling of rainfall-triggered landslides in Kaptanpasa, Rize, Postgraduate, M.DURMAZ(Student), 2022

Huvaj Sarihan N., Anoyatis G., How to account for uncertainty in soil properties in offshore monopile design by means of probabilistic analysis, Postgraduate, O.ORAKCI(Student), 2022

Oğuz E., Huvaj Sarihan N., OFFSHORE WIND FARM SITE SELECTION FOR AEGEAN AND MEDITERRANEAN SEA, TURKEY, Postgraduate, H.KÜBRA(Student), 2021

Huvaj Sarihan N., Replication of geomembrane interfaces using 3d printing (fused deposition modelling) technique, Postgraduate, S.URAGAN(Student), 2020

Huvaj Sarihan N., Determination of the optimum geofoam geometry for shallowly buried flexible pipe by finite element analyses, Postgraduate, Y.KEFCİ(Student), 2020

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

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

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

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

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

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

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

HUVAJ SARIHAN N., Laboratory experiments on improvement of buried flexible pipes by using geofoam, Postgraduate, B.SÖYLEMEZ(Student), 2017

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

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

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

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

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., Comparison of measured and predicted consolidation settlements in soft ground /, Postgraduate, S.ERGİN(Student), 2014

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

HUVAJ SARIHAN N., Three dimensional finite element modeling for the laterally loaded passive pile behavior,

Postgraduate, A.EKİCİ(Student), 2013

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

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

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

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

Jury Memberships

Doctorate, Doctorate, Orta Doğu Teknik Üniversitesi, September, 2021

Post Graduate, Post Graduate, Orta Doğu Teknik Üniversitesi, January, 2021

Post Graduate, Post Graduate, Hacettepe Üniversitesi, January, 2021

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, Undergraduate, 2010 - 2011

Taught Courses And Trainings

Uzol O., Çöker D., Kayran A., Sezer Uzol N., Oğuz E., Huvaj Sarihan N., Keysan O., Perçin M., Rüzgar Türbin Teknolojileri Temel Eğitimi , 2021 - 2021

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 Etüd 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, Mesleki 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 Mesleki Eğitim, 2011 - 2011
- Huvaj Sarihan N., Toker N. K., Çokça E., Ergun M. U., Erol O., İller Bankası Genel Müd. "Zemin Mekaniği ve Temel Mühendisliği" eğitimi, 2009 - 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Modular Serious Game Development Framework for Virtual Laboratory Courses**
Yucel F., Sultan Unal H., SÜRER E., HUVAJ SARIHAN N.
IEEE TRANSACTIONS ON LEARNING TECHNOLOGIES, vol.17, pp.966-981, 2024 (SCI-Expanded)
- II. **A material point/finite volume method for coupled shallow water flows and large dynamic deformations in seabeds**
Zheng X., Seaid M., Pisanò F., Hicks M. A., Vardon P. J., HUVAJ SARIHAN N., Osman A. S.
Computers and Geotechnics, vol.162, 2023 (SCI-Expanded)
- III. **Comparison of different hydrological and stability assumptions for physically-based modeling of shallow landslides**
Durmaz M., Hürlimann M., Huvaj N., Medina V.
Engineering Geology, vol.323, 2023 (SCI-Expanded)
- IV. **Probability of unsatisfactory performance of monopile foundations for offshore wind turbines considering variations in seabed properties**
Orakci O., Huvaj N., François S., Anoyatis G.
Ocean Engineering, vol.277, 2023 (SCI-Expanded)
- V. **Quantitative Land-Use and Landslide Assessment: A Case Study in Rize, Türkiye**
Kasahara N., Gonda Y., Huvaj N.
WATER (SWITZERLAND), vol.14, no.11, pp.1-15, 2022 (SCI-Expanded)
- VI. **Offshore wind power plant site selection using Analytical Hierarchy Process for Northwest Turkey**
Caceoğlu E., Yildiz H. K., Oğuz E., Huvaj Sarihan N., Guerrero J. M.
Ocean Engineering, vol.252, 2022 (SCI-Expanded)
- VII. **Effects of Fines Content and Plasticity on Index Properties and Hydraulic Conductivity of Coarse-Fine Mixtures**
Ekici A., Huvaj N., Akguner C.
JOURNAL OF MATERIALS IN CIVIL ENGINEERING, vol.34, no.5, 2022 (SCI-Expanded)
- VIII. **Successful Seismic Performance of Bridges after Sivrice Earthquake**
Caner A., Natale A., Masood S., Huvaj N.
Journal of Performance of Constructed Facilities, vol.35, no.4, 2021 (SCI-Expanded)
- IX. **Constant water content direct shear testing of compacted residual soils**
Üyetürk C. E., Huvaj N.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.80, no.1, pp.691-703, 2021 (SCI-Expanded)
- X. **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 (SCI-Expanded)
- XI. **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 (SCI-Expanded)
- XII. **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.

TEKNIK DERGI, vol.30, pp.9009-9027, 2019 (SCI-Expanded)

XIII. 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 (SCI-Expanded)

XIV. 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 (SCI-Expanded)

XV. Rainfall-triggered landslides in an unsaturated soil: a laboratory flume study

Ahmadi-Adli M., Huvaj N., Toker N. K.

ENVIRONMENTAL EARTH SCIENCES, vol.76, 2017 (SCI-Expanded)

XVI. 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 (SCI-Expanded)

XVII. 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 (SCI-Expanded)

XVIII. 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 (SCI-Expanded)

Articles Published in Other Journals

I. Probabilistic Slope Stability Analysis: A Case Study

Huvaj N., Oğuz E. A.

SAKARYA UNIVERSITY JOURNAL OF SCIENCE, vol.22, pp.1458-1465, 2018 (Peer-Reviewed Journal)

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

Üyetürk C. E., Huvaj N.

SELCUK UNIVERSITY JOURNAL OF ENGINEERING, SCIENCE AND TECHNOLOGY, vol.6, pp.643-653, 2018 (Peer-Reviewed Journal)

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. BEHAVIOR OF MONOPILE FOUNDATIONS OF OFFSHORE WIND TURBINES UNDER LATERAL LOADING

Taşbaşı A. D., Huvaj Sarihan N.

Zemin Mekaniği ve Geoteknik Mühendisliği 19. Ulusal Konferansı, Ankara, Turkey, 17 - 18 October 2024, vol.1, pp.1-12

- II. **LABORATORY MODEL STUDY ON PASSIVELY LOADED PILES**
Ünver A. M., Huvaj Sarihan N., Öztürk Ş., Ergun M. U.
Zemin Mekaniği ve Geoteknik Mühendisliği 19. Ulusal Kongresi, Ankara, Turkey, 17 - 18 October 2024, vol.1, pp.1-10
- III. **A bibliometric analysis on geotechnical research trends in floating offshore wind energy**
Taşbaşı A. D., Ceylan Y. C., Huvaj Sarihan N., Osman A.
18th European Conference on Soil Mechanics and Geotechnical Engineering, Lisbon, Portugal, 26 - 30 August 2024, pp.3353-3356
- IV. **Behavior of geocell reinforced sandy soils under static load**
Şimşek M. C., Huvaj Sarihan N.
18th European Conference on Soil Mechanics and Geotechnical Engineering, Lisbon, Portugal, 26 - 30 August 2024, pp.2654-2657
- V. **Deniz Üstü Yüzer Rüzgar Türbinleri İçin Yüzer Platform Tipi Ve Deniz Tabanı Ankraj Sistemi Seçimini Etkileyen Faktörler (Factors Affecting the Selection of Floating Platform and Seabed Anchor Type for Floating Offshore Wind Turbines)**
Ceylan Y. C., Öztürk Kardoğan P. S., Gökdağ A., Huvaj Sarihan N.
7. İzmir Rüzgar Sempozyumu, İzmir, Turkey, 21 - 22 September 2023, vol.1, pp.1-16
- VI. **Challenges and opportunities in teaching constitutive models in geotechnical courses**
Medicus G., Ziotopoulou K., Huvaj Sarihan N.
10th European Conference on Numerical Methods in Geotechnical Engineering , London, England, 26 - 28 June 2023, vol.1, pp.1-6
- VII. **Interface Shear Strength Properties of Geofom**
Kefci Y., Huvaj Sarihan N.
7th European Geosynthetics Conference (EuroGeo7), Warszawa, Poland, 4 - 07 September 2022, pp.1-12
- VIII. **Geosentetik Yapı Malzemesinin Rüzgar Enerjisi Santralleri İnşaat İşlerinde Kullanımı Hakkında Tespit Ve Değerlendirmeler**
Bayazıt Y., Huvaj Sarihan N.
6. İzmir Rüzgar Sempozyumu, İzmir, Turkey, 23 - 24 September 2021, vol.1, pp.1-7
- IX. **Preliminary Study on Site Selection For Floating Hybrid Wind And Solar Energy Systems In Turkey**
Yerlikaya N. C., Çakan Ç., Başara I., Caceoğlu E., Huvaj Sarihan N.
14th International Congress on Advances in Civil Engineering (ACE2020-21), İstanbul, Turkey, 6 - 08 September 2021, pp.721-729
- X. **EFFECTS OF SPATIAL VARIABILITY OF MARGINAL FILLS ON EXTERNAL STABILITY OF REINFORCED SLOPES**
Durmaz M., Huvaj N., Turgut A. M., Öztürk N.
8th International Geotechnical Symposium, İstanbul, Turkey, 13 - 15 November 2019, vol.1, pp.1
- XI. **DENİZ ÜSTÜ RÜZGAR TÜRBİNLERİ: TEMEL TİPİ SEÇİMİ VE DENİZ TABANI ZEMİN ARAŞTIRMALARI**
Huvaj N., Caceoğlu E., Baidol Y.
5. İzmir Rüzgâr Sempozyumu, İzmir, Turkey, 3 - 05 October 2019, vol.1, pp.1
- XII. **Geotekstillerin Barajlarda Filtre Malzemesi Olarak Kullanımı ve Tasarım Kriterleri**
Gül S., Huvaj N.
8'inci Ulusal Geosentetikler Konferansı, İstanbul, Turkey, 16 - 17 May 2019, vol.1, pp.337-347
- XIII. **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
- XIV. **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

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

- XXIX. **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
- XXX. **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
- XXXI. **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
- XXXII. **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
- XXXIII. **Suya doygun 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
- XXXIV. **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
- XXXV. **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
- XXXVI. **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
- XXXVII. **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
- XXXVIII. **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
- XXXIX. **Effects of the size of particles on rainfall-induced slope instability in granular soils**
Ahmad-Adli M., Huvaj N., Kartal Toker N. K.
2014 Congress on Geo-Characterization and Modeling for Sustainability, Geo-Congress 2014, Atlanta, GA, United States Of America, 23 - 26 February 2014, pp.4027-4036
- XL. **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
- XLI. **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
- XLII. **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
- XLIII. **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

- XLIV. **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
- XLV. **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
- XLVI. **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., Sandikkaya M. A., Türkoğlu M.
10th International Congress on Advances in Civil Engineering (ACE2012), Ankara, Turkey, 17 - 19 October 2012, vol.1, pp.1-9
- XLVII. **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
- XLVIII. **Comparative study of soil water characteristic curve prediction methods**
Ahmadiadli M., Huvaj Sarihan N., Toker N. K., Kürçü M. G.
3rd International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, Lefkoşa, Cyprus (Kkctc), 28 - 30 June 2012
- XLIX. **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
- L. **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
- LI. **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
- LII. **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
- LIII. **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
- LIV. **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
- LV. **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
- LVI. **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

LVII. 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

LVIII. 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

LIX. 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

LX. 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

LXI. 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

LXII. 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

Other Publications

I. FINAL REPORT ON THE DEVELOPMENT OF MITIGATION MEASURES AND RISK REDUCTION CRITERIA TO BE BASED ON SPATIAL PLANS

Şenol Balaban M., Askan Gündoğan A., Balaban O., Huvaj Sarihan N.

Technical Report, pp.1-500, 2021

Expert Reports

I. Erzincan ili, İliç ilçesi, Maden İşletme Sahasında Meydana Gelen Toprak Kayması (Heyelan) Bilirkişi Raporu

Huvaj Sarihan N., Adıgüzel D., Akgün H., Toröz I., Erbaş M., Yıldız S. G., Arol A. I., Özkan M. Y., Osmanlıoğlu A. E.

Erzincan İliç Cumhuriyet Başsavcılığı, pp.262, Erzincan, 2024

Supported Projects

Osman A. S., Huvaj Sarihan N., Şenol Balaban M., Ünal Z. G., Gökmen Erdoğan B., Project Supported by Public Organizations in Other Countries, Developing a novel Climate change Risk Assessment Framework for cultural heritage in Turkey (CRAFT)-PHASE II (funded by UK Arts and Humanities Research Council), 2023 - 2024

Oğuz E., Turan R., Huvaj Sarihan N., Khorasanchi M., TÜBİTAK International Bilateral Joint Cooperation Program Project, Multi-purpose floating solar power plant (FloSoWer), 2022 - 2024

Huvaj Sarihan N., Turan R., Oğuz E., Osman A., Seaid M., Newton Programme Project, FLOATING HYBRID RENEWABLE ENERGY SYSTEMS FOR TURKEY (Funded by UK Newton Fund, Institutional Links Grant, TÜBİTAK International Bilateral Joint Cooperation Program, 2021 - 2023), 2021 - 2024

Huvaj Sarihan N., Keysan O., Oğuz E., Guerrero J., Project Supported by Public Organizations in Other Countries, WINDFLAG: Offshore Wind Farms Large-scale Integration in Turkey, 2020 - 2023

Huvaj Sarihan N., Osman A., Toker N. K., Newton Programme Project, SHALLOW LANDSLIDE SUSCEPTIBILITY MAPPING IN RIZE, TURKEY (Funded by UK Newton Fund, IAPP Industry-Academia Partnership), 2020 - 2023

Huvaj Sarihan N., Şenol Balaban M., Ünal Z. G., Osman A., Project Supported by Public Organizations in Other Countries, CRAFT: DEVELOPING A NOVEL CLIMATE CHANGE RISK ASSESSMENT FRAMEWORK FOR CULTURAL HERITAGE IN TURKEY (funded by UK Arts and Humanities Research Council AHRC, Global Challenges Research Fund GCRF), 2020 - 2022

Huvaj Sarihan N., Şenol Balaban M., Manzella I., Project Supported by Public Organizations in Other Countries, NET: NEW TECHNOLOGIES AND PARTICIPATORY APPROACHES FOR DISASTER RESILIENCE (Funded by UK Royal Academy of Engineering, Project Coordinator: Univ. of Plymouth), 2020 - 2022

Huvaj Sarihan N., Kentel Erdoğan E., Askan Gündoğan A., Şenol Balaban M., Balaban O., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Ministry of Environment, Urbanization and Climate Change, DEVELOPMENT OF MITIGATION MEASURES AND RISK REDUCTION CRITERIA TO BE BASED ON SPATIAL PLANS, 2020 - 2021

HUVAJ SARIHAN N., TUBITAK Project, Donatılı Toprak Şev Ve Duvarlar İçin Marjinal Zeminler İle Geogrid Etkileşimi, 2017 - 2021

Turgay O. C., Huvaj Sarihan N., Çokuysal B., Project Supported by Public Organizations in Other Countries, GLOCAL AGE: Global Framework of Student Capacity Development for Global Disaster Risk Reduction and Recovery Program, Japan (funded by Japanese Ministry of Education MEXT, project coordinator: Niigata University), 2015 - 2020

Huvaj Sarihan N., Akgün A., Şenkaya M., Project Supported by Other Official Institutions, Danışmanlık: Elazığ İli Maden İlçesi Heyelan çalışması (AFAD), 2018 - 2018

Huvaj Sarihan N., Aktürk Basık A., İkizler S. B., Project Supported by Other Official Institutions, Çevre ve Şehircilik Bakanlığı, ZEMİN VE TEMEL ETÜT RAPORU FORMATI KOMİSYONU, 2018-2019, 2017 - 2018

Huvaj Sarihan N., İncecik A., Newton Programme Project, UK Newton Fund Researcher Links Workshop on Offshore Wind and Wave Energy for Turkey, 2017 - 2017

HUVAJ SARIHAN N., Project Supported by Higher Education Institutions, DENİZ TABANI ZEMİN ÖZELLİKLERİNİN ALANSAL OLASILIKLAR DEĞERLENDİRMESİ VE DENİZÜSTÜ TEKİL KAZIK TEMEL TASARIMINA ETKİSİ, 2017 - 2017

HUVAJ SARIHAN N., Project Supported by Higher Education Institutions, GÖMÜLÜ BORU HATLARININ GEOSENTETİKLER KULLANILARAK GÜÇLENDİRİLMESİ. LABORATUVAR MODEL TESTLERİ İLE NÜMERİK MODELLEME, 2017 - 2017

Huvaj Sarihan N., Other International Funding Programs, Developing a Legal, Technical and Commercial Roadmap for Supporting Offshore Wind Investments in Turkey (British Embassy, Foreign Commonwealth Office (FCO) Prosperity Fund), 2016 - 2017

HUVAJ SARIHAN N., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

HUVAJ SARIHAN N., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

HUVAJ SARIHAN N., TAHANCALIO S., ŞENTÜRK E., Project Supported by Higher Education Institutions, Bilim Merkezleri'nde Sergilenen Deney Aletleri ile Öğrencilerin Kavram Yanılgılarının Tespit Edilmesi ve Giderilmesi, 2013 - 2014

HUVAJ SARIHAN N., AHMADI ADLI M., Project Supported by Higher Education Institutions, OBTAINING HYDRAULIC CONDUCTIVITY FUNCTION OF GRANULAR SOILS, 2013 - 2013

Huvaj Sarihan N., FP7 Project, FP7-PEOPLE-Marie Curie-International Reintegration Grant. Grant Agreement No: PIRGG05-GA-2009-249186. Title: FOLADIS: Mechanism, Modeling and Forecasting of Landslide Displacements, 2010 - 2013

Contractual Researches

Huvaj Sarihan N., British Council Newton Fund Researcher Links, OFFSHORE WIND AND WAVE ENERGY FOR TURKEY, 2017 - 2018

Activities in Scientific Journals

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, Committee Member, 2020 - 2024

Geofluids, Special Issue Editor, 2020 - 2020

Memberships / Tasks in Scientific Organizations

Turkish Chapter of ISSMGE Intl. Society of Soil Mechanics and Geotechnical Eng., Board Member, 2021 - Continues, Turkey

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

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

Member of Geotechnical Council of Turkish Chamber of Civil Engineers, Member of Science Committee, 2021 - 2022, Turkey

TMMOB İnşaat Mühendisleri Odası Afet Hazırlık ve Müdahale Kurulu, Member of Science Committee, 2021 - 2022, Turkey

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

Other International Funding Programs, RM, England, November 2024

Other International Funding Programs, RH, England, November 2024

Other International Funding Programs, University College London, England, November 2024

Other International Funding Programs, University College London, England, November 2024

Project Supported by Higher Education Institutions, BAP PhD, Karadeniz Technical University, Turkey, August 2024

EU Supported Other Project, Danmarks Tekniske Universitet, Denmark, May 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, May 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, February 2024

14th International Symposium on Landslides, 8-12 July 2024, France, Conference Paper (Full Text), January 2024

18th European Conference on Soil Mechanics and Geotechnical Engineering, 26-30 August 2024, Lisbon, Portugal, Conference Paper (Full Text), January 2024

EU Supported Other Project, Universidad de Oviedo Instituto Universitario de la Empresa, Spain, January 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, January 2024

EU Supported Other Project, Danmarks Tekniske Universitet, Denmark, January 2024

ENGINEERING GEOLOGY, SCI Journal, December 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ege University, Turkey, November 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Karabuk University, Turkey, November 2022

ENGINEERING GEOLOGY, Journal Indexed in SCI-E, September 2022

LANDSLIDES, Journal Indexed in SCI-E, August 2022

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, Journal Indexed in SCI-E, July 2022

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, Journal Indexed in SCI-E, July 2022

American Society Of Civil Engineers ASCE Geocongress 2023, March 26-29, 2023, Los Angeles, California, Conference Paper (Full Text), July 2022

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, Journal Indexed in SCI-E, July 2022

American Society of Civil Engineers ASCE Geocongress 2023, March 26-29, 2023, Los Angeles, California, Conference Paper (Full Text), July 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, June 2022

TUBITAK Project, 2224 - International Scientific Activities Support Program, Middle East Technical University, Turkey, June 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, June 2022

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, Journal Indexed in SCI-E, April 2022

Project Supported by Higher Education Institutions, BAP Research Project, Istanbul Technical University, Turkey, April 2022

FRONTIERS IN EARTH SCIENCE, Journal Indexed in SCI-E, February 2022

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, February 2022

Geotechnical and Geological Engineering, Journal Indexed in ESCI, February 2022

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, February 2022

OCEAN ENGINEERING, SCI Journal, February 2022

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, February 2022

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, January 2022

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, January 2022

BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, January 2022

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

OCEAN ENGINEERING, SCI Journal, November 2021

GEOSYNTHETICS INTERNATIONAL, SCI Journal, November 2021

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, SCI Journal, September 2021

GEOSYNTHETICS INTERNATIONAL, SCI Journal, September 2021

Horizon Europe Project, Horizon Europe Project, Dokuz Eylul University, Turkey, September 2021

Project Supported by Higher Education Institutions, BAP PhD, Middle East Technical University, Turkey, August 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Erciyes University, Turkey, June 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Suleyman Demirel University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, İstanbul University-Cerrahpaşa, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Kilis 7 Aralık University, Turkey, May 2021

TUBITAK Project, 1002 - Quick Support Program, İstanbul University-Cerrahpaşa, Turkey, March 2021

TUBITAK Project, 1002 - Quick Support Program, Zonguldak Bülent Ecevit University, Turkey, March 2021

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

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Middle East Technical University, Turkey, October 2020

COMPUTERS AND GEOTECHNICS, SCI Journal, September 2020

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gebze Technical

University, Turkey, September 2020
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, August 2020
ASCE GeoInstitute Annual Geocongress 2020 IFCEE 2020, Conference Paper (Full Text), August 2020
TURKISH JOURNAL OF EARTH SCIENCES, Journal Indexed in SCI-E, July 2020
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, June 2020
COMPUTERS & GEOSCIENCES, SCI Journal, May 2020
Newton Programme Project, Newton Fund, Other Project, Newton Prize, UK National Commission for UNESCO, United Kingdom, May 2020
TUBITAK Project, 3501 - National Young Researcher Career Development Program, Middle East Technical University, Turkey, May 2020
LANDSLIDES, SCI Journal, March 2020
GAZİ UNIVERSITY JOURNAL OF SCIENCE, National Scientific Refreed Journal, March 2020
H2020 Project, ERC H2020 European Research Council Project, Middle East Technical University, Turkey, January 2020
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, January 2020
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, January 2020
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, January 2020
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, January 2020
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, January 2020
LANDSLIDES, SCI Journal, December 2019
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, SCI Journal, December 2019
ULUDAĞ ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ DERGİSİ, National Scientific Refreed 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
TEKNİK DERGI, Journal Indexed in SCI-E, August 2018
GEOTECHNIQUE, SCI Journal, August 2018
LANDSLIDES, 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

Merrien V., Nicot F., Huvaj Sarihan N., Alonso E., Loev S., Manzella I., Rosser N., Rahardjo H., 14th International Symposium on Landslides, 8-12 July 2024, Chambéry, France, Scientific Congress, Chambéry, France, Temmuz 2024

Şenol Balaban M., Huvaj Sarihan N., Gökmen Erdoğan B., CLIMATE CHANGE & CULTURAL HERITAGE WORKSHOP IN ISTANBUL, Workshop Organization, İstanbul, Turkey, Şubat 2024

Şenol Balaban M., Huvaj Sarihan N., Gökmen Erdoğan B., International Training on Climate Change Risks of Cultural Heritage, Workshop Organization, İstanbul, Turkey, Şubat 2024

Ikizler S. B., Çinicioğlu Ö., Unutmaz B., Monkul M. M., Özener P., Huvaj Sarihan N., 9th Geotechnical Symposium Member of Organizing Committee, Scientific Congress, İstanbul, Turkey, Kasım 2023

Huvaj Sarihan N., 7th İzmir Wind Symposium Member of Scientific Committee, Scientific Congress, İzmir, Turkey, Eylül 2023

Huvaj Sarihan N., 7th European Geosynthetics Conference, Scientific Congress, Warszawa, Poland, Eylül 2022

Huvaj Sarihan N., Şenol Balaban M., Doğulu C., Deniz D., Manzella I., AFET DAYANIKLILIĞINDA SOSYAL MEDYA VE DİJİTAL TEKNOLOJİLERİN ROLÜ ÇALIŞTAYI, Workshop Organization, Ankara, Turkey, Ekim 2021

Huvaj Sarihan N., Görüm T., Akgün A., Gökçeoğlu C., Akgün H., Süzen M. L., Ercanoğlu M., Topal T., Nefeslioğlu H. A., Akın M., et al., 3rd National Landslide Symposium Scientific Committee Member, Scientific Congress, Ankara, Turkey, Ekim 2021

Huvaj Sarihan N., Uzol O., Bingöl F., 6th İzmir Wind Symposium Member of Scientific Committee, Scientific Congress, İzmir, Turkey, Eylül 2021

Huvaj Sarihan N., Picarelli L., Mediterranean Symposium on Landslides (MSL), Scientific Congress, Naples, Italy, Haziran 2021

Huvaj Sarihan N., Çinicioğlu Ö., Kılıç H., Özener P., İkizler S. B., Sağlam S., Bayat E. E., Özaydın 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

Scientific Research / Working Group Memberships

Civil Engineering For Sustainable Future (Sürdürülebilir Gelecek İçin İnşaat Mühendisliği), Middle East Technical University, Turkey, <https://avesis.metu.edu.tr/arastirma-grubu/cesustain>, 2021 - Continues

Mobility Activity

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

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

Metrics

Publication: 88
Citation (WoS): 273
Citation (Scopus): 398
H-Index (WoS): 9
H-Index (Scopus): 9

Congress and Symposium Activities

Workshop: EU COST Action MODENERLANDS 2nd Working Group General Meeting, Working Group, İstanbul, Turkey, 2023

4. Uluslararası Afet ve Dirençlilik Kongresi: İklim Değişikliği ve Güvenli Kentler / İklim Değişikliğine Bağlı Afetler ve Sigortacılık, Panelists, Eskişehir, Turkey, 2022

3. Ulusal Heyelan Sempozyumu, Session Moderator, Ankara, Turkey, 2021

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

Invited Talks

Güney Marmara Denizüstü Rüzgar Enerjisi Online Semineri / Güney Marmara'da Denizüstü Rüzgar Enerjisi için Uygun Yer Seçimi ve Türkiye'de DRES için İhtiyaçlar, Seminar, Güney Marmara Kalkınma Ajansı, Turkey, May 2022

İnşaat Mühendisleri Odası Geoteknik Seminer Serisi-3. Oturum, Ülkemizde Kazılar Neden Göçüyor? Bina Temelleri Neden Kayıyor? Bunların Olması Engellenebilir mi?, Seminar, İnşaat Mühendisleri Odası Geoteknik Seminer Serisi-3. Oturum,, Turkey, November 2021

British Embassy (Newton for Climate Webinar 3: "Shallow Landslide Susceptibility Mapping in Rize, Turkey"), Seminar, British Embassy (Newton for Climate Webinar 3: "Shallow Landslide Susceptibility Mapping in Rize, Turkey"), United Kingdom, October 2021

"2021 Türkiye Afet Eğitim Yılı Tespitler ve Öneriler" Online Semineri / Heyelan ve Kaya Düşmesi, Seminar, TMMOB İnşaat Mühendisleri Odası (İMO), Turkey, April 2021

Hellenic Committee for Geomorphology and Environment of the Geological Society of Greece Under the auspices of the International Association of Geomorphologists (IAG), Workshop, Hellenic Committee for Geomorphology and Environment of the Geological Society of Greece Under the auspices of the International Association of Geomorphologists (IAG), Italy, March 2021

Invited Speaker at ISSMGE 27th European Young Geotechnical Engineers Conference, Conference, Invited Speaker at ISSMGE 27th European Young Geotechnical Engineers Conference, Turkey, September 2019

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

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

Non Academic Experience

University of Illinois at Urbana-Champaign