

Asst. Prof. Necmi YARBAŞI

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Address: Atatürk Üniversitesi Mühendislik Fakültesi İnşaat Mühendisliği Bölümü Erzurum

International Researcher IDs

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Yoksis Researcher ID: 42013

Education

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, İnşaat-Geoteknik, Turkey 1996 - 2001

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, İnşaat-Geoteknik, Turkey 1993 - 1996

Undergraduate, Karadeniz Technical University, Mühendislik-Mimarlık Fakültesi, Jeoloji Mühendisliği Bölümü, Turkey 1982 - 1986

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, Araştırma ve Geliştirme Süreçlerinde Büyük Veri, Veri Madenciliği, Yapay Zeka ve Analitik Uygulamaları, SOBIAD AKADEMİ, 2024

Education Management and Planning, Devlet Malını Koruma ve Tasarruf Tedbirleri, Uzaktan Eğitim Kapısı, 2024

Vocational Training, Eğitsel Video Materyal Geliştirme ve Eğitimde Kullanımı Eğitimi, Atatürk Üniversitesi, 2024

Education Management and Planning, Depreme Dirençli Kentsel Dönüşüm Erzurum, Erzurum Büyükşehir Belediyesi, 2024

Vocational Training, Geoteknik Uygulamalar ve Yerel Yönetimlerin Sorumlulukları, Atatürk Üniversitesi Mühendislik Fakültesi İnşaat Mühendisliği, 2023

Occupational Health and Safety, Yangın Söndürme, Tahliye ve Kurtarma konulu eğitimi ve tatbikatı, Atatürk Üniversitesi, 2023

Education Management and Planning, Lisansüstü Akademik Danışmanlık Eğitimi, Atatürk Üniversitesi, 2023

Education Management and Planning, 2237-A LİSANSÜSTÜ AKADEMİK DANIŞMANLIK EĞİTİMİ, Atatürk Üniversitesi Öğretme ve Öğrenmeyi Geliştirme Uygulama ve Araştırma Merkezi, 2022

Vocational Training, Sertifikalı KVKK Eğitimi, Atatürk Üniversitesi Sürekli Eğitim Uygulama ve Araştırma Merkezi, 2022

Dissertations

Doctorate, Erzurum şehir merkezi batı kesiminin geoteknik haritalaması, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, İnşaat-Geoteknik, 2001

Postgraduate, Erzurum şehir merkezi güney bölgesinin geoteknik haritalaması, Atatürk Üniversitesi, Fen Bilimleri

Enstitüsü, İnşaat-Geoteknik, 1996

Research Areas

Geological Engineering, Applied Geology, Engineering Geology foundations, earthquakes, dams, reservoirs, Engineering and Technology

Academic Positions

Assistant Professor, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2020 - Continues

Assistant Professor, Ataturk University, Oltu Yer Bilimleri Fakültesi, Jeoloji Mühendisliği, 2009 - 2020

Expert, Ataturk University, Rektörlük, Deprem Araştırma Merkezi, 1992 - 2009

Academic and Administrative Experience

Vice Dean, Ataturk University, Oltu Yer Bilimleri Fakültesi, 2011 - 2020

Courses

Doctorate

Kütle Hareketleri, Doctorate, 2024 - 2025

Kentsel Planlamada Jeolojik Yaklaşımlar, Doctorate, 2023 - 2024

Postgraduate

İleri Sondaj Tekniği, Postgraduate, 2023 - 2024, 2022 - 2023

Jeoteknik haritalama, Postgraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021

Jeoteknik Haritalama, Postgraduate, 2024 - 2025

İleri Sondaj Tekniği, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Jeoteknik Haritalama, Postgraduate, 2023 - 2024

Undergraduate

Jeotermal Enerji, Undergraduate, 2023 - 2024

Rezervuar Mühendisliği, Undergraduate, 2023 - 2024

Kuyu Tamamlama Tasarımı, Undergraduate, 2022 - 2023

Petrol ve Doğal Gaz Boru hattı Dizayını, Undergraduate, 2022 - 2023

Sondaj Mühendisliği II, Undergraduate, 2022 - 2023

Jeotermal Mühendisliği, Undergraduate, 2023 - 2024

Jeotermal Mühendisliği, Undergraduate, 2022 - 2023, 2020 - 2021

Rezervuar Mühendisliği, Undergraduate, 2022 - 2023

Jeotermal Enerji, Undergraduate, 2022 - 2023

Kayaç ve akışkan özellikleri, Undergraduate, 2020 - 2021

Sondaj Mühendisliği I, Undergraduate, 2018 - 2019

Associate Degree

Temel İnşaatı (Narman Meslek Yüksek Okulu), Associate Degree, 2020 - 2021

Temel İnşaat, Associate Degree, 2018 - 2019

Supervised Theses

Yarbaşı N., Ağrı ili ve yakın çevresini etkileyen doğal afetler ve risk azaltma önerileri, Postgraduate, F.DEĞER(Student),

2024

Yarbaşı N., Bayburt tüfti (Bayburt taşı) tozu ile modifiye edilen killi zeminlerin donma çözülme ve termal etkiler altında mukavemetleri, Postgraduate, R.KUL(Student), 2023

Yarbaşı N., Yerüstü su depolama tesisleri ve iletim tünellerinde geçirimsizlik perdesinin projelendirilmesi kriterleri ve örnek bir uygulama, Postgraduate, İ.SEVİM(Student), 2023

Yarbaşı N., Karasu Çayı (Pırnakapan-Aşkale arası) alüvyon malzemenin mühendislik uygulamalarındaki kullanılabilirliğinin incelenmesi, Postgraduate, A.VARLI(Student), 2022

Jury Memberships

Post Graduate, Post Graduate, Erzurum Teknik Üniversitesi, October, 2023

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Effects of quartzite on the freeze-thaw resistance of clayey soil material from Erzurum, NE Turkey**
KALKAN E., YARBAŞI N., BİLİCİ Ö., Karimdoust S.
BULLETIN OF ENGINEERING GEOLOGY AND THE ENVIRONMENT, vol.81, no.5, 2022 (SCI-Expanded)
- II. **Effect of Freeze-Thaw on Compressive Strength of Clayey Soils Reinforced with Wool**
YARBAŞI N.
JOURNAL OF NATURAL FIBERS, vol.19, no.1, pp.382-393, 2022 (SCI-Expanded)
- III. **Spectroscopic and radiation shielding features of Nemrut, Pasinler, Sarikamis and İkizdere obsidians in Turkey: Experimental and theoretical study**
Aygün Z., YARBAŞI N., AYĞÜN M.
CERAMICS INTERNATIONAL, vol.47, no.24, pp.34207-34217, 2021 (SCI-Expanded)
- IV. **FREEZING-THAWING BEHAVIOR OF CLAYEY SOILS REINFORCED WITH PINE TREE SAWDUST AND MARBLE DUST**
YARBAŞI N., Alacalı M., Aktürk E.
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.19, no.12, pp.2249-2254, 2020 (SCI-Expanded)
- V. **Effect of Freezing-Thawing on Clayey Soils Reinforced with Human Hair Fibers**
YARBAŞI N.
JOURNAL OF NATURAL FIBERS, vol.17, no.6, pp.921-931, 2020 (SCI-Expanded)
- VI. **Analyses of the Structural and the Temperature-Dependent Magnetic Properties of Pine Resin and Pine Bark from the Oltu/Erzurum Region in Turkey**
Aygün Z., YARBAŞI N.
JOURNAL OF THE KOREAN PHYSICAL SOCIETY, vol.72, no.7, pp.795-799, 2018 (SCI-Expanded)
- VII. **Geotechnical mapping for alluvial fan deposits controlled by active faults: a case study in the Erzurum, NE Turkey**
Yarbaşı N., KALKAN E.
ENVIRONMENTAL GEOLOGY, vol.58, no.4, pp.701-714, 2009 (SCI-Expanded)
- VIII. **Modification of the geotechnical properties, as influenced by freeze-thaw, of granular soils with waste additives**
Yarbasi N., Kalkan E., Akbulut S.
COLD REGIONS SCIENCE AND TECHNOLOGY, vol.48, no.1, pp.44-54, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Freeze-Thaw Effect on High Plasticity Clayey Soils Reinforced with Waste Glass Bottle Powder**

YARBAŞI N., KALKAN E., AĞIRMAN AKTÜRK E.

International Journal of Earth Sciences Knowledge and Applications, vol.6, no.2, pp.213-219, 2024 (Peer-Reviewed Journal)

II. Evaluation of the Contribution of Bayburt Tuffite (Bayburt Stone) Dust to the After Freeze-Thaw Strength Values of High Plasticity Clay Soils

Kul R., Yarbasi N.

Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.13, no.2, pp.400-407, 2024 (Peer-Reviewed Journal)

III. Natural Disaster Potential and Risk Reduction Recommendations of Agri (Turkey) Province and Its Surroundings

DEĞER F., YARBAŞI N.

Journal of Earth Sciences Knowledge and Application, vol.6, no.1, pp.60-65, 2024 (Peer-Reviewed Journal)

IV. The Effect of Curing Time and Temperature Change on Strength in High Plasticity Clay Soils Reinforced with Waste Egg Shell Powder

YARBAŞI N., KALKAN E., Kartal H. O.

Geotechnical and Geological Engineering, vol.41, no.1, pp.383-392, 2023 (ESCI)

V. Effects of Quartzite on the Desiccation Cracks of Clayey Soils Exposed to Wetting-Drying Cycles

Yarbaşı N., Kalkan E.

International Journal of Science and Engineering Applications, vol.11, no.1, pp.31-34, 2022 (Peer-Reviewed Journal)

VI. Freeze-Thaw Effect in Granular Soil Reinforced with Calcareous Portland Cement

Yarbaşı N., Kalkan E.

International Journal of Innovative Research and Reviews, vol.5, no.2, pp.74-77, 2021 (Peer-Reviewed Journal)

VII. The effect of pine tree sawdust on the volume compressibility of expansive soils

KALKAN E., YARBAŞI N.

International Journal of Science and Engineering Applications, vol.10, no.4, pp.29-33, 2021 (Peer-Reviewed Journal)

VIII. Freeze-Thaw Resistance of Fine-Grained Soils Stabilized with Waste Material Mixtures

Yarbaşı N., Kalkan E.

International Journal of Science and Engineering Applications, vol.10, no.1, pp.1-6, 2021 (Peer-Reviewed Journal)

IX. Investigation of Wet-Dry Cycle Effect on Swelling Behavior of Stabilized Expansive Soils

YARBAŞI N., KALKAN E.

International journal of science and Engineering Applications, vol.9, no.12, pp.153-157, 2020 (Peer-Reviewed Journal)

X. Stabilization of Clayey Soils by Using the Organic Waste-Material

Yarbaşı N., Kalkan E.

International Journal of Science and Engineering Applications, vol.9, no.11, pp.129-132, 2020 (Peer-Reviewed Journal)

XI. The Swelling Properties of Modified Expansive Soil with Pine Tree Sawdust

YARBAŞI N., KALKAN E.

International Journal of Latest Technology in Engineering, Management Applied Science, vol.9, no.11, pp.24-28, 2020 (Peer-Reviewed Journal)

XII. The effect of pine tree sawdust on the freeze-thaw resistance of expansive soils

YARBAŞI N., KALKAN E.

International Journal of Latest Technology in Engineering, Management & Applied Science, vol.9, no.11, pp.29-33, 2020 (Peer-Reviewed Journal)

XIII. The effect of waste material mixtures on the mechanical properties of clayey soils

KALKAN E., YARBAŞI N.

International Journal of Latest Technology in Engineering, Management Applied Science, vol.9, no.10, pp.48-52, 2020 (Peer-Reviewed Journal)

XIV. The Effects of Quartzite on the Swelling Behaviors of Compacted Clayey Soils

KALKAN E., YARBAŞI N., BİLİCİ Ö.

International Journal of Earth Sciences Knowledge and Applications, vol.2, no.2, pp.92-101, 2020 (Peer-Reviewed Journal)

XV. **The mechanical Performance of Clayey Soils Reinforced with Waste PET Fibers**

YARBAŞI N., KALKAN E.

International Journal of Earth Sciences Knowledge and Applications, vol.2, no.1, pp.19-26, 2020 (Peer-Reviewed Journal)

XVI. **Petrographic and Geochemical Fingerprints of Sub-Volcanic Dykes and their Host Harzburgites from the Ulaş Ultramafics (Sivas, Turkey)**

Bilici Ö., Kolaylı H., Kalkan E., Bilici T., Yarbaşı N.

International Journal of Earth Science Knowledge and Applications, vol.2, no.1, pp.1-12, 2020 (Peer-Reviewed Journal)

XVII. **Strength performance of stabilized clayey soils with quartzite material**

KALKAN E., YARBAŞI N., BİLİCİ Ö.

International Journal of Earth Sciences Knowledge and Applications, vol.1, no.1, pp.1-5, 2019 (Peer-Reviewed Journal)

XVIII. **Freeze-Thaw Behaviors of Sandy Soils Modified by Mixtures of PET Fiber and Marble Dust**

YARBAŞI N., KALKAN E.

International Journal of Latest Technology in Engineering, Management Applied Science (IJLTEMAS), vol.8, no.12, pp.38-42, 2019 (Peer-Reviewed Journal)

XIX. **Freeze-Thaw Behaviors of Sandy Soils Modified by Mixtures of PET Fiber and Marble Dust**

YARBAŞI N., KALKAN E.

International Journal of Latest Technology in Engineering, Management Applied Science, vol.8, no.12, pp.38-42, 2019 (Peer-Reviewed Journal)

XX. **Mermer Tozu ve Atık Lastikle Takviye Edilmiş Oltu/Erzurum (Türkiye) Bölgesine Ait Kil Türleri ve Siltli Kumun Spektroskopik Analizi**

AYGÜN Z., YARBAŞI N.

Karaelmas Science and Engineering Journal, vol.9, no.2, pp.215-226, 2019 (Peer-Reviewed Journal)

XXI. **The Stabilization of Sandy Soils by Using the Plastic Bottle Waste**

YARBAŞI N., KALKAN E.

International Journal of Advance Engineering and Research Development, vol.6, no.11, pp.140-144, 2019 (Peer-Reviewed Journal)

XXII. **Use of Waste Material (Oltu Stone Waste) for soil Stabilization**

YARBAŞI N., KALKAN E.

International Journal of Latest Technology in Engineering, Management Applied Science (IJLTEMAS), vol.8, no.11, pp.102-107, 2019 (Peer-Reviewed Journal)

XXIII. **Reinforce in Engineering Properties of Clayey Soils Using Cigarette Butts and Marble Dust**

MOHAMEDGREED F., YARBAŞI N., KALKAN E.

EUROPEAN JOURNAL OF ADVANCES IN ENGINEERING AND TECHNOLOGY, vol.6, no.8, pp.31-37, 2019 (Peer-Reviewed Journal)

XXIV. **Artık Çam Ağacı Talaşı İlave Edilmiş Daneli Zeminlerin Mukavemet Ve Geçirimsizlik Özellikleri**

YARBAŞI N.

Deu Muhendislik Fakültesi Fen ve Muhendislik, vol.21, no.63, pp.949-954, 2019 (Peer-Reviewed Journal)

XXV. **Performance of granular soils reinforced with obsidian (volcanic glass) additives in different proportions subjected to freeze-thaw**

YARBAŞI N.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.25, no.6, pp.764-767, 2019 (ESCI)

XXVI. **Mermer Tozu ve Atık Lastik ile İyileştirilen Düşük Plastisiteli Killi Zeminlerin Dayanım Özellikleri**

YARBAŞI N.

Doğal Afetler ve Çevre Dergisi, vol.4, pp.162-171, 2018 (Peer-Reviewed Journal)

XXVII. **Investigation on the variation of strength of coarse grained soils reinforced with waste tires pieces**

as a result of freezing and thawing cycles

YARBAŞI N., Alacali M.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.24, no.3, pp.561-565, 2018 (ESCI)

XXVIII. The freezing-thawing behavior of clayey soils reinforced with scrap tires pieces

YARBAŞI N.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.22, no.6, pp.559-562, 2016 (ESCI)

XXIX. Geotechnical mapping of Oltu (Erzurum) residential area and its vicinity

YARBAŞI N.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.22, no.6, pp.538-545, 2016 (ESCI)

XXX. Evaluation of thermal mud characteristics of Erzurum (Köprüköy) clayey raw materials (NE Turkey)

KALKAN E., YARBAŞI N., CANBOLAT M. Y., ÖZGÜL M.

International Journal of the Physical Sciences, vol.7, no.40, pp.5566-5576, 2012 (Peer-Reviewed Journal)

XXXI. Kemaliye Çevresinde Pg Sg Soğurulması ve Yeni Magnitüd Formülü

AYDIN U., ŞAHİN Ş., KALKAN E., YARBAŞI N., AKSOY G.

Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.16, pp.13-23, 2012 (Peer-Reviewed Journal)

Papers Presented at Peer-Reviewed Scientific Conferences

I. MINING AND DRILLING

YARBAŞI N.

BINGOL 4th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Bingöl, Turkey, 21 - 23 March 2025, vol.1, pp.48-52, (Full Text)

II. USABILITY OF ALLUVIAL MATERIALS IN ABOVE GROUND WATER STORAGE STRUCTURES: THE EXAMPLE OF KARASU STREAM (ERZURUM-TÜRKİYE)

VARLI A., YARBAŞI N.

HATTUSAS 1ST INTERNATIONAL CONFERENCE ON APPLIED SCIENCES NOVEMBER 29 - 30, 2024 CORUM, Çorum, Turkey, 29 November 2024, vol.1, pp.217-223, (Full Text)

III. DEVELOPMENT OF DRYING CRACKS IN CLAYEY SOILS ADDED WITH RESIDUAL LIGNITE DUST UNDER WETTING-DRYING CYCLES

YARBAŞI N.

KARADENİZ 17th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES November 8 - 10, 2024 - RİZE, Rize, Turkey, 8 - 10 November 2024, vol.1, pp.561-565, (Full Text)

IV. RESILIENT, SUSTAINABLE CITIES AND GEOLOGY

YARBAŞI N.

6TH INTERNATIONAL BLACK SEA MODERN SCIENTIFIC RESEARCH CONGRESS, Trabzon, Turkey, 23 - 25 August 2024, vol.1, pp.1454-1458, (Full Text)

V. THE IMPORTANCE OF GEOTECHNICAL MAPPING IN CREATING CITIES RESISTANT TO NATURAL DISASTERS

YARBAŞI N.

SELCUK 10th INTERNATIONAL CONFERENCE ON APPLIED SCIENCES JUNE 21 - 23, 2024- KONYA, Konya, Turkey, 21 - 23 June 2024, vol.1, pp.428-431, (Full Text)

VI. Yerüstü Su Depolama Tesisleri ve İletim Tünellerinde Geçirimsizlik Perdesi Oluşturma Yöntemleri

SEVİM İ., YARBAŞI N.

MÜHJEO'2024 ULUSAL MÜHENDİSLİK JEOLJİSİ VE JEOTEKNİK SEMPOZYUMU, Nevşehir, Turkey, 6 - 08 June 2024, vol.1, pp.229-238, (Full Text)

VII. Ağrı İli ve Yakın Çevresinin Doğal Afet Riski ve Çözüm Önerileri

DEĞER F., YARBAŞI N.

Uluslararası katılımlı 76. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 15 April 2024, vol.1, pp.17, (Summary Text)

- VIII. **EVALUATION OF GEOLOGICAL DATA IN URBAN PLANNING**
Yarbaşı N.
International Conference on Sustainable Cities and Urban Landscapes (ICSULA 2022), Konya, Turkey, 26 - 27 October 2022, vol.1, pp.536-540, (Full Text)
- IX. **COMPRESSIVE STRENGTH OF CLAYEY SOILS REINFORCED WITH BAYBURT STONE (BAYBURT TUFFITE)**
Yarbaşı N., Kul R.
EGE International Congress on Innovation technologies & engineering, İzmir, Turkey, 2 - 04 September 2022, vol.1, no.1, pp.207-211, (Full Text)
- X. **Effect of thermal properties on strength in high plastic clay soils reinforced with waste glass bottle powder**
YARBAŞI N., KALKAN E., AĞIRMAN E., Kartal H. O.
International Conference on the Phenomenological Aspects in civil Engineering (PACE-2021), Erzurum, Turkey, 20 - 23 June 2021, no.1, pp.659-661, (Full Text)
- XI. **Structural and Mechanical Analysis of Low Plasticity Clayey Soils Reinforced with Waste Pet Fibers Before and After Freeze-Thaw**
YARBAŞI N., KALKAN E.
Geological Congress of Turkey, Ankara, Turkey, 24 May 2021, pp.534-541, (Full Text)
- XII. **Structural and Mechanical Analysis of Low Plasticity Clayey Soils Reinforced with Pet Fibers Before and After Freeze-Thaw**
Yarbaşı N., Kalkan E.
73. Uluslararası katılımlı Türkiye Jeoloji Kurultayı, Ankara, Turkey, 24 - 28 May 2021, vol.1, no.1, pp.536-541, (Full Text)
- XIII. **Modification of Sandy Soils by Using Waste of Plastic Bottles**
YARBAŞI N., KALKAN E.
Çukurova 3. Uluslararası Bilimsel Araştırmalar Kongresi, Adana, Turkey, 3 - 06 October 2019, pp.291-296, (Full Text)
- XIV. **Use of Cigarette Butts Wastes for Modification of Clayey Soils**
Gread F. M., YARBAŞI N., KALKAN E.
Çukurova 3. Uluslararası Bilimsel Araştırmalar Kongresi, Adana, Turkey, 3 - 06 October 2019, pp.297-303, (Full Text)
- XV. **Stabilization of Grained Soils by Using Wastes of Oltu Stone**
YARBAŞI N., KALKAN E.
Çukurova 3. Uluslararası Bilimsel Araştırmalar Kongresi, Adana, Turkey, 3 - 06 October 2019, pp.304-308, (Full Text)
- XVI. **The freezing-thawing behavior of clayey (Red clay) soils reinforced with waste pine tree sawdust**
YARBAŞI N., KALKAN E.
International congress on engineering and life science (ICELIS-2018), Kastamonu, Turkey, 26 - 29 April 2018, vol.1, pp.370-374, (Full Text)
- XVII. **Investigation Of Resistance Performances Of Sandy Soils Reinforced With Marble Dust**
YARBAŞI N., ALACALI M., HARPUTLUGİL F. H.
Uluslararası katılımlı 70. Türkiye Jeoloji Kurultayı Kültürel Jeoloji ve Jeolojik Miras, 10 - 14 April 2017, pp.246-247, (Full Text)
- XVIII. **The freezing-Thawing Behavior of Coarse Grained Soils Reinforced With Marble Dust**
YARBAŞI N., ALACALI M., HARPUTLUGİL F. H.
Uluslararası Katılımlı 70. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 10 - 14 April 2017, pp.546-547, (Summary Text)
- XIX. **Atık Mermer Tozu ile Güçlendirilmiş Siltli Kum Zeminlerin Donma Çözülme Davranışı**
YARBAŞI N., KALKAN E.
Zemin Mekaniği ve Geoteknik Mühendisliği 16. Ulusal Kongresi ZM-16, Erzurum, Turkey, 13 - 14 October 2016,

vol.2, pp.853-859, (Full Text)

- XX. **Oltu Erzurum yerleşim alanı ve yakın çevresinin jeoteknik haritalaması**
YARBAŞI N., KALKAN E.
DAJEO'2015, Van, Turkey, 7 - 11 September 2015, pp.140-141, (Summary Text)
- XXI. **Oltu Stone's Properties and Mining**
BİLGİN Ö., Meral Ç., KALKAN E., YARBAŞI N., DİLMAÇ M. K.
22nd WORLD MINING CONGRESS EXPO, 11 - 16 September 2011
- XXII. **Oltu Stone's Properties and Mining**
Bilgin Ö., Çağlar M., KALKAN E., YARBAŞI N., DİLMAÇ M. K.
22nd World Mining Congress & Expo, İstanbul, Turkey, 11 - 16 September 2011, pp.695-698, (Full Text)
- XXIII. **Erzurum Kent Merkezinin Depremselliği**
Gökşin A., YARBAŞI N., AYDIN U., Azer K.
58. Jeoloji Kurultayı, Ankara, Turkey, 11 - 17 April 2005, (Full Text)
- XXIV. **1990 2003 Yıllarına ilişkin Doğu Anadolu Depremlerinin İstatistiksel Çözümlemesi**
YILMAZ M., KALKAN E., YARBAŞI N., Gökşin A., AYDIN U., Azer K.
57. Türkiye Jeoloji Kurultayı, Ankara, Turkey, 8 - 12 March 2004, (Full Text)

Funded Projects

YARBAŞI N., AĞIRMAN AKTÜRK E., Project Supported by Higher Education Institutions, Atık linyit tozu ile güçlendirilmiş yüksek plastisiteli killerin donma-çözülme etkisinde mukavemet değişimleri, 2023 - 2024

YARBAŞI N., KUL R., Project Supported by Higher Education Institutions, Bayburt tüfiti Bayburt taşı tozu ile modifiye edilen killi zeminlerin donmaçözülme ve termal etkiler altında mukavemetleri (Strength of clayey soils modified with Bayburt tuffite Bayburt stone powder under freezethaw and thermal effects), 2022 - 2023

YARBAŞI N., KALKAN E., AĞIRMAN AKTÜRK E., Project Supported by Higher Education Institutions, Killi Zeminlerin Mühendislik Özelliklerinin Atık veya Artık Malzemelerle İyileştirilmesi, 2021 - 2021

YARBAŞI N., KALKAN E., BİLİCİ Ö., Project Supported by Higher Education Institutions, Kuvarsit (Doğal Taş) ile güçlendirilmiş killi zeminlerin jeoteknik özellikleri, 2019 - 2020

YARBAŞI N., ALACALI M., AĞIRMAN AKTÜRK E., Project Supported by Higher Education Institutions, ÇAM AĞACI TALAŞI VE MERMER TOZU İLE GÜÇLENDİRİLMİŞ KİLLİ ZEMİNLERİN DONMA ÇÖZÜLME DAVRANIŞI, 2018 - 2019

YARBAŞI N., DİLMAÇ M. K., Project Supported by Higher Education Institutions, ÖĞRENCİLERİN EĞİTİM, SAĞLIK VE SPORFAALİYETLERİNDE ETKİLİ OLAN SPOR TESİSLERİNİN MODERNİZASYONU, 2013 - 2015

YARBAŞI N., Project Supported by Higher Education Institutions, OLTU (ERZURUM) VE ÇEVRESİ KAYAÇLARININ AGREGA ÖZELLİKLERİNİN BELİRLENMESİ, 2013 - 2015

YARBAŞI N., DİLMAÇ M. K., Project Supported by Higher Education Institutions, SPOR TESİSLERİNİN ÖĞRENCİLERİN EĞİTİM SAĞLIK VE MOTİVASYONU ÜZERİNE ETKİLERİ, 2010 - 2011

Memberships and Roles in Scientific Organizations

Jeoloji Mühendisleri Odası, Member, 1987 - Continues

Metrics

Publication: 66

Citation (WoS): 192

Citation (Scopus): 240

H-Index (WoS): 4

H-Index (Scopus): 5

Congress and Symposium Activities

International Conference on Sustainable Cities and Urban Landscapes (ICSULA 2022), Attendee, Konya, Turkey, 2022

International Congress on Innovation Technologies & Engineering, Attendee, İzmir, Turkey, 2022

International congress on engineering and life science (ICELIS), Attendee, Kastamonu, Turkey, 2018

9. Uluslararası mermer ve doğaltaş kongresi ve sergisi, Attendee, Antalya, Turkey, 2017

Zemin Mekaniği ve Geoteknik Mühendisliği 16. Ulusal kongresi, Attendee, Erzurum, Turkey, 2016

Oltu (Erzurum) Yerleşim Alanı Ve Yakın Çevresinin Jeoteknik Haritalaması, Attendee, Van, Turkey, 2015

Non Academic Experience

Atatürk Üniversitesi Deprem Araştırma Merkezi Müdürlüğü, Uzman

DSİ VIII.Bölge VII. Sondaj Şube Müd., Jeoloji Müh.