

## Eserler

### Uluslararası hakemli dergilerde yayımlanan makaleler:

1. ÖZTÜRK MİTAT,ÖNAL YAKUP (2026). Ensemble meta-classifiers and artificial neural networks for liquefaction potential and severity index prediction. *Geomechanics and Engineering*, 45(2), 205-228. (Yayın No: 10280402)
2. ÖNAL YAKUP,KAYADELEN CAFER,SERİN SERCAN,ALTAY GÖKHAN (2026). Road subgrade stabilization with cement-coated geotextile under static and cyclic loading. *Geosynthetics International*, 33(2), 217-237., Doi: 10.1680/jgein.25.00024 (Yayın No: 9713880)
3. KAYADELEN CAFER, ALTAY GÖKHAN, ÖNAL YAKUP, ÖZTÜRK MİTAT (2025). Particle shape effect on interfacial properties between granular materials and geotextile. *Geosynthetics International*, 32(6), Doi: 10.1680/jgein.23.00059 (Yayın No: 8611825)
4. KAYADELEN CAFER,ALTAY GÖKHAN,ÖNAL YAKUP,ÖZTÜRK MİTAT (2024). Particle shape effect on interfacial properties between granular materials and geotextile. *Geosynthetics International*, 31(3), 345-357., Doi: 10.1680/jgein.22.00346 (Yayın No: 8218521)
5. SERİN SERCAN, ÖNAL YAKUP, EMİROĞLU MEHMET, DEMİR EREN (2023). Comparison of the effect of basalt and glass fibers on the fracture energy of asphalt mixes using semi-circular bending test. *Construction and Building Materials*, 406, Doi: 10.1016/j.conbuildmat.2023.133460 (Yayın No: 8476093)
6. KAYADELEN CAFER, ALTAY GÖKHAN, ÖZTÜRK MİTAT, ÖNAL YAKUP (2023). Experimental evaluation of the pull-out behavior of suction caissons in saturated sand soil. *Ocean Engineering*, 286, 115609, Doi: 10.1016/j.oceaneng.2023.115609 (Yayın No: 8439658)
7. KAYADELEN CAFER,ÖNAL YAKUP,ALTAY GÖKHAN,ÖZTÜRK MİTAT,SERİN SERCAN (2023). Effects of maintenance, traffic and climate condition on International Roughness Index of flexible pavement. *International Journal of Pavement Engineering*, 24(1), 464, Doi: 10.1080/10298436.2022.2038382 (Yayın No: 7578070)
8. SERİN SERCAN, ÖNAL YAKUP, KAYADELEN CAFER, MOROVA NİHAT (2023). Utilization of Recyclable Concrete and Ceramic Waste as Filling Material in Hot Mix Asphalt. *Periodica Polytechnica-Civil Engineering*, 1-9., Doi: 10.3311/PPci.21352 (Yayın No: 8332839)
9. ÖNAL YAKUP, ÇALIŞICI MUSTAFA, KAYADELEN CAFER, ALTAY GÖKHAN (2023). A Comparative Experimental Study of Geocell and Geogrid-reinforced Highway Base Layers under Repeated Loads. *Road Materials and Pavement Design*, Doi: 10.1080/14680629.2023.2182126 (Yayın No: 8218528)
10. BORA NECLA CEYLAN,KAYADELEN CAFER,ALTAY GÖKHAN,ÖNAL YAKUP,ÖZTÜRK MİTAT (2022). Comparative effectiveness research of palm tree pruning waste and geotextiles on subgrade stabilization. *Croatian Association of Civil Engineers*, 74(10), 829-838., Doi: 10.14256/JCE.3401.2021 (Yayın No: 7926278)
11. KAYADELEN CAFER, ALTAY GÖKHAN, ÖNAL YAKUP (2022). Numerical simulation and novel methodology on resilient modulus for traffic loading on road embankment. *International Journal of Pavement Engineering*, 23(9), 3212-3221., Doi: 10.1080/10298436.2021.1886296 (Yayın No: 6981056)
12. KAPLAN EBUBEKİR,KAYADELEN CAFER,ÖZTÜRK MİTAT,ÖNAL YAKUP,ALTAY GÖKHAN (2022). Experimental evaluation of the usability of palm tree pruning waste (PTPW) as an alternative to geotextile. *Revista de la Construcción*, 21(1), 69-82., Doi: 10.7764/RDLC.21.1.69 (Yayın No: 7669090)
13. KAYADELEN CAFER, ALTAY GÖKHAN, ÖNAL SUAT, ÖNAL YAKUP (2022). Sequential minimal optimization for local scour around bridge piers. *Marine Georesources & Geotechnology*, 40 (4), 462-472., Doi: 10.1080/1064119X.2021.1907635 (Yayın No: 7017980)

## **B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler :**

1. YÜCEL GÖKHAN,ÖNAL YAKUP,ÖZTÜRK MİTAT (2025). Soil-structure interaction modeling of masonry minarets: Influence of finite element type on seismic response. 4th International Conference on Modern and Advanced Research ICMAR 2025 (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 9821644)
2. ÖZTÜRK MİTAT,ÖNAL YAKUP,ÇINAR MUHAMMET (2025). ASSESSMENT OF THE ROCK MECHANICS CHARACTERISTICS AND ENGINEERING SUITABILITY OF QUARRIED LIMESTONE FOR ROAD SUBBASE APPLICATIONS: A CASE STUDY FROM ŞAHİNBEY, GAZİANTEP (TÜRKİYE). 7. BİLSEL INTERNATIONAL GORDİON SCIENCE RESEARCHES CONGRESS (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 9818983)
3. ÖZTÜRK MİTAT,ÖNAL YAKUP (2025). SUSTAINABLE SOIL STABILIZATION USING LIGHTWEIGHT WMEPS INCLUSIONS: INSIGHTS FROM ONE-DIMENSIONAL CONSOLIDATION TESTS. 11th INTERNATIONAL MARMARA SCIENTIFIC RESEARCH AND INNOVATION CONGRESS (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 9818954)
4. ÖNAL YAKUP,ÖZTÜRK MİTAT (2025). CYCLIC BEHAVIOR OF MODIFIED EXPANDED POLYSTYRENE (MEPS)-REINFORCED HIGHWAY SAND SUBGRADES. 1. INTERNATIONAL PERSEPOLIS SCIENTIFIC RESEARCHES AND INNOVATION CONGRESS (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 9818972)
5. ÖNAL YAKUP,BAYRAK FETHİYE,BALCI FURKAN EMİN,KAYADELEN CAFER,ALTAY GÖKHAN (2024). Evaluation of The Impact of Bitumen-Coated Geotextile on CBR Value of Sand Soil. 3th International Korkut Ata Scientific Research Conference, 1, 296-304. (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 9212584)
6. ÖNAL YAKUP,BALCI FURKAN EMİN,BAYRAK FETHİYE,KAYADELEN CAFER,ALTAY GÖKHAN (2024). Investigation of Interfacial Shear Behavior of Bitumen-Coated Geotextile-Reinforced Sand Soil. 3th International Korkut Ata Scientific Research Conference, 3, 541-551. (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 9212591)
7. ÖZTÜRK MİTAT, ÖNAL YAKUP, OK BAHADIR, ALTAY GÖKHAN, BEYÇİOĞLU AHMET, KESKİN ALİ (2021). Load-displacement behavior of serpentine and olivine obtained as waste from the mines. International Conference on Engineering, Natural and Applied Science 2021 (ICENAS'21), 166-173. (Tam Metin Bildiri/Sözlü Sunum) (Yayın No: 7592750)

## **D. Ulusal hakemli dergilerde yayımlanan makaleler :**

1. ÖNAL YAKUP,ÖZTÜRK MİTAT (2025). Enhancement of Highway Subgrade Soil Strength Using Cement-Coated Textile Waste (CCTW) with Varying Inclusion Rates and Aspect Ratios. Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi, 8(5), 2263-2276., Doi: 10.47495/okufbed.1635905 (Kontrol No: 9946205)
2. SERİN SERCAN, ÖNAL YAKUP, KAYADELEN CAFER, MUTLU MUHAMMET FATİH (2023). Forgiving Road Design and Improvement of Accident Black Spots: A Case Study for Düzce City. Osmaniye Korkut Ata Üniversitesi, 6, 105-118., Doi: 10.47495/okufbed.1184457 (Kontrol No: 8693815)
3. ÖZTÜRK MİTAT,KAYADELEN CAFER,ALTAY GÖKHAN,ÖNAL YAKUP (2023). Investigation of load-displacement behavior of cement-coated geotextile reinforced soils. Niğde Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, 12(4), 1232-1238., Doi: 10.28948/ngumuh.1286185 (Kontrol No: 8425505)
4. ÖNAL YAKUP, ÖZTÜRK MİTAT, ALTAY GÖKHAN, KAYADELEN CAFER (2022). Comparison of the Effect of Geotextile and Palm Tree Pruning Waste on CBR Value of Sand Soil. Osmaniye Korkut Ata Üniversitesi Fen Bilimleri Enstitüsü Dergisi (Online), 5(2), 570-579., Doi: 10.47495/okufbed.998633 (Kontrol No: 7592731)