

## Asst. Prof. PINAR SEZİN ÖZTÜRK KARDOĞAN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-5212-4318

Yoksis Researcher ID: 113992

### Education Information

Undergraduate, Anadolu University, Open Education Faculty, Department Of Law, Turkey 2021 - Continues

Post Doctorate, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 2022 - 2023

Postgraduate, Hacettepe University, Sosyal Bilimler Enstitüsü, Kamu Hukuku A.B.D., Turkey 2021 - 2022

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), Turkey 2012 - 2018

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2007 - 2014

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Yapı Mühendisliği (YI) (Tezli), Turkey 2010 - 2012

Undergraduate, Anadolu University, Faculty Of Engineering-Architecture, Department Of Civil Engineering, Turkey 2006 - 2010

### Dissertations

Doctorate, Sıvılaşabilen zeminlerde kazıklı temellerin davranışı, ataletsel ve kinematik etkiler, Gazi University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), 2018

Postgraduate, Üç boyutlu düzenli bir betonarme yapı sisteminin deprem performansının irdelenmesi, Istanbul Technical University, Fen Bilimleri Enstitüsü, Yapı Mühendisliği (YI) (Tezli), 2012

### Research Areas

Soil Mechanics, Ground Improvement, Soil Dynamics, Structure, Performance of Constructed Facilities, Earthquake Engineering

### Academic Titles / Tasks

Researcher, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, 2022 - Continues

Research Assistant PhD, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2011 - Continues

### Academic and Administrative Experience

Fakülte Kurulu Üyesi, Gazi University, Teknoloji Fakültesi, 2023 - Continues

Bölüm Kalite Komisyonu Üyesi, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2023 - Continues

Erasmus Program Department Coordinator, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2023 - Continues  
Bölüm Stratejik Plan Komisyonu Üyesi, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2023 - Continues  
Staj Komisyonu Üyesi, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2011 - Continues  
Bölüm Tanıtım Görevlisi, Gazi University, Teknoloji Fakültesi, İnşaat Mühendisliği, 2011 - 2019  
Researcher, Università Degli Studi di Pisa, Department DICI, Civil engineering, 2018 - 2018  
Erasmus Internship Mobility, University of Surrey, Department of Civil and Environmental Engineering,, Civil Engineering, 2016 - 2016

## Courses

Mezuniyet Projesi, Undergraduate, 2021 - 2022  
Mühendislik Jeolojisi, Undergraduate, 2021 - 2022  
Zemin Mekaniği 1, Undergraduate, 2021 - 2022  
Zemin Laboratuvarı, Undergraduate, 2021 - 2022  
MUKAVEMET, Undergraduate, 2017 - 2018  
DEPREM BİLİMİ, Undergraduate, 2017 - 2018  
DİNAMİK, Undergraduate, 2017 - 2018

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **EXPERIMENTAL STUDY ON PLASTIC WASTE APPLICATION FOR SOIL STABILIZATION**  
ERDAĞ A., ÖZTÜRK KARDOĞAN P. S.  
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.21, no.9, pp.1483-1491, 2022 (SCI-Expanded)
- II. **Landslide stability based on a limit-equilibrium analysis: a case study**  
Öztürk Kardoğan P. S., Erdağ A.  
ActaGeotechnica Slovenica, vol.19, no.1, pp.17-29, 2022 (SCI-Expanded)
- III. **Development and Use of a Minicone for Liquefaction Risk Evaluation in Layered Soil Deposits**  
Meisina C., Kardogan P. S., Boni R., Stacul S., Castaldini D., Fontana D., Lugli S., Bordoni M., Lo Presti D.  
JOURNAL OF GEOTECHNICAL AND GEOENVIRONMENTAL ENGINEERING, vol.147, no.2, 2021 (SCI-Expanded)

## Articles Published in Other Journals

- I. **LABORATORY MODEL DESIGN FOR DEEP SOIL MIXING METHOD**  
ONUR M. İ., Bıçakcı M., ÖZTÜRK KARDOĞAN P. S., ERDAĞ A., Aghlmand M.  
ELECTRONIC JOURNAL OF THE FACULTY OF CIVIL ENGINEERING OSIJEK-E-GFOS, vol.24, pp.59-69, 2022 (ESCI)
- II. **A Parametric Study of Pile Behavior In Liquefied Soils**  
ÖZTÜRK KARDOĞAN P. S., IŞIK N. S.  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.10, no.2, pp.1024-1036, 2022 (Peer-Reviewed Journal)
- III. **The Effect of Horizontal Drainage Lengths on the Stability of a Homogeneous Earth-Fill Dam Under Seepage Conditions**  
ERDAĞ A., ÖZTÜRK KARDOĞAN P. S.  
Journal of Science PART C: DESIGN AND TECHNOLOGY, vol.10, no.1, pp.152-161, 2022 (Peer-Reviewed Journal)
- IV. **A VERIFICATION ANALYSIS FOR PILES IN LIQUEFIABLE SOIL**  
ÖZTÜRK KARDOĞAN P. S., IŞIK N. S.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.8, no.3, pp.712-719, 2020 (Peer-Reviewed Journal)
- V. **UÇ VE SÜRTÜNME KAZIKLARININ DEPREM KUVVETLERİ ALTINDA DAVRANIŞININ MODELLENMESİ**  
ÖZTÜRK KARDOĞAN P. S., ONUR M. İ.  
Anadolu Üniversitesi Bilim Ve Teknoloji Dergisi - B Teorik Bilimler, vol.6, pp.117-123, 2018 (Peer-Reviewed)

Journal)

- VI. **ŞEV STABİLİTESİNE ZEMİN ÖZELLİKLERİNİN ETKİSİNİN LİMİT DENGİ YÖNTEMİ İLE İRDELENMESİ**  
PINARLIK M., ÖZTÜRK KARDOĞAN P. S., KILIÇ DEMİRCAN R.  
Mühendislik Bilimleri ve Tasarım Dergisi, vol.5, no.3, pp.675-684, 2017 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Deniz Üstü Yüzer Rüzgar Türbinleri İçin Yüzer Platform Tipi Ve Deniz Tabanı Ankraj Sistemi Seçimini Etkileyen Faktörler**  
Ceylan Y. C., ÖZTÜRK KARDOĞAN P. S., Gökdağ A., HUVAJ SARIHAN N.  
7. İZMİR RÜZGAR SEMPOZYUMU ve SERGİSİ, İzmir, Turkey, 21 - 22 September 2023
- II. **2D FEM analyses for the evaluation of seismic performance of single pile and pile group-supported structure in liquefiable soil**  
ÖZTÜRK KARDOĞAN P. S., STACUL S., Pagnini F., Squeglia N., Bhattacharya S.  
Conference: 7th International Conference on Earthquake Geotechnical Engineering, ICEGE 2019, ROMA, Italy, 17 - 20 June 2019, pp.4259-4266
- III. **A Study on the Laterally Loaded Pile Behaviour in Liquefied Soil Using P-Y Method**  
ÖZTÜRK KARDOĞAN P. S., IŞIK N. S., ONUR M. İ., Bhattacharya S.  
3rd World Multidisciplinary Civil Engineering, Architecture, Urban Planning Symposium (WMCAUS), Prague, Czech Republic, 18 - 22 June 2018, vol.471
- IV. **A MODEL STUDY ON ENERGY PILES**  
ÖZTÜRK KARDOĞAN P. S., STACUL S., ONUR M. İ.  
3rd INTERNATIONAL ENERGY ENGINEERING CONGRESS (UEMK-2018), Turkey, 18 - 19 October 2018, vol.1, pp.53-60
- V. **Behaviour of Dams Under Earthquake Loading-Case of Lower San Fernando Dam**  
ÖZTÜRK KARDOĞAN P. S., PINARLIK M., IŞIK N. S., FIRAT S.  
3rd International Sustainable Buildings Symposium (ISBS), 15 - 17 March 2017
- VI. **Comparison of The Multi Line Anchored System and Bored Pile System Under Earthquake Effect**  
ÖZTÜRK KARDOĞAN P. S., ONUR M. İ.  
2nd International Conference on Engineering Technology and Innovation (ICETI-2018), Budapest, Hungary, 7 - 11 March 2018, pp.243-248
- VII. **Studying the Historical Structure Damage Due to Soil Hazards and Examination of Applied Repairment-Strengthening Techniques**  
Demircan R. K., ÖZTÜRK KARDOĞAN P. S.  
3rd International Sustainable Buildings Symposium (ISBS), U ARAB EMIRATES, 15 - 17 March 2017, vol.7, pp.550-565
- VIII. **Review of Liquefaction Around Marine and Pile-Supported Wharf Structures**  
ÖZTÜRK KARDOĞAN P. S., Bhattacharya S.  
3rd International Sustainable Buildings Symposium (ISBS), U ARAB EMIRATES, 15 - 17 March 2017, vol.6, pp.893-903
- IX. **The Role and Importance of Energy Efficiency for Sustainable Development of the Countries**  
TÜRKOĞLU S. P., ÖZTÜRK KARDOĞAN P. S.  
3rd International Sustainable Buildings Symposium (ISBS), U ARAB EMIRATES, 15 - 17 March 2017, vol.7, pp.53-60
- X. **Tarihi Şavşat Tbeti Manastırı'nın Sonlu Elemanlar Yöntemi İle Analizi**  
KILIÇ DEMİRCAN R., ÖZTÜRK KARDOĞAN P. S., PINARLIK M., AYTEKİN O.  
2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 - 27 October 2017, pp.2049-2057
- XI. **Deprem Yükleri Altında Konsol İstinat Duvar Davranışının İrdelenmesi**  
ONUR M. İ., ÖZTÜRK KARDOĞAN P. S.  
3rd International Soil-Structure Interaction Symposium (ZYE-2017), İzmir, Turkey, 18 - 20 October 2017, pp.479-

- XII. **Uç Kazıkların Deprem Kuvvetleri Altında Davranışı Üzerine Bir Model Çalışması**  
ÖZTÜRK KARDOĞAN P. S., ONUR M. İ.  
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı (4UDMSK), Eskişehir, Turkey, 11 - 13 October 2017
- XIII. **Betonarme perdelerin yapılardaki burulma düzensizliğine etkileri**  
ÖZTÜRK KARDOĞAN P. S., KILIÇ DEMİRCAN R.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 28 October 2016, pp.720-726
- XIV. **Sismik yükler altında kazıklı ve blok tipi rihtim yapısının davranışının irdelenmesi**  
ÖZTÜRK KARDOĞAN P. S., PINARLIK M., ÖZDEMİR A., KILIÇ DEMİRCAN R.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), Adana, Turkey, 26 - 28 October 2016, pp.759-766
- XV. **TARİHİ YAPILARIN SÜRDÜRÜLEBİLİRLİĞİ KAPSAMINDA TAŞIMA YÖNTEMLERİNİN İRDELENMESİ**  
KILIÇ DEMİRCAN R., ÖZDEMİR A., ÖZTÜRK KARDOĞAN P. S., PINARLIK M.  
1st International Mediterranean Science and Engineering Congress - IMSEC 2016, Adana, Turkey, 26 - 28 October 2016, pp.800-808
- XVI. **SİSMİK YÜKLER ALTINDA KAZIKLI ve BLOK TİPİ RIHTIM YAPISININ DAVRANIŞININ İRDELENMESİ**  
ÖZTÜRK KARDOĞAN P. S., PINARLIK M., ÖZDEMİR A., KILIÇ DEMİRCAN R.  
1st International Mediterranean Science and Engineering Congress - IMSEC 2016, Adana, Turkey, 26 - 28 October 2016, pp.759-766
- XVII. **Sıvılaşan zeminlerde kazık davranışının belirlenmesine yönelik nümerik bir çalışma**  
ÖZTÜRK KARDOĞAN P. S., IŞIK N. S., FIRAT S.  
Zemin Mekaniği ve Geoteknik Mühendisliği ZM 16, Turkey, 13 - 14 October 2016, vol.1, pp.365-374
- XVIII. **Improvement of the properties of road subbases using steel slug and fly ash**  
FIRAT S., ÖZTÜRK KARDOĞAN P. S., IŞIK N. S., YAMAK S., YILMAZ G.  
4th International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, 2 - 04 June 2016
- XIX. **SIVILAŞAN ZEMİNLERDE KAZIK DAVRANIŞININ P-Y YÖNTEMİ İLE İNCELENMESİ**  
ÖZTÜRK KARDOĞAN P. S., IŞIK N. S.  
2nd INTERNATIONAL SUSTAINABLE BUILDING SYMPOSIUM, Ankara, Turkey, 28 - 30 May 2015, pp.349-354

## Memberships / Tasks in Scientific Organizations

Zemin Mekaniği ve Geoteknik Mühendisliği Derneği, Member, 2023 - Continues, Turkey  
İnşaat Mühendisleri Odası -Ankara Şube, Member, 2010 - Continues, Turkey

## Scientific Refereeing

OCEAN ENGINEERING, Journal Indexed in SCI-E, June 2023  
DÜZCE ÜNİVERSİTESİ BİLİM VE TEKNOLOJİ DERGİSİ, National Scientific Refreed Journal, May 2021  
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, National Scientific Refreed Journal, April 2021  
Mühendislik Bilimleri ve Tasarım Dergisi, National Scientific Refreed Journal, April 2021  
Mühendislik Bilimleri ve Tasarım Dergisi, National Scientific Refreed Journal, March 2021  
Mühendislik Bilimleri ve Tasarım Dergisi, National Scientific Refreed Journal, February 2020  
4TH INTERNATIONAL SUSTAINABLE BUILDINGS SYMPOSIUM, Conference Paper (Full Text), January 2019  
7th International Conference on Earthquake Geotechnical Engineering, ICEGE 2019At: Rome, Italy, Conference Paper (Full Text), December 2018

## **Tasks In Event Organizations**

Öztürk Kardoğan P. S., ISBS-2019, Scientific Congress, Texas, United States Of America, Temmuz 2019

Öztürk Kardoğan P. S., ISBS-2017, Scientific Congress, Dubai, United Arab Emirates, Mart 2017

Öztürk Kardoğan P. S., ISBS-2015, Scientific Congress, Ankara, Turkey, Mayıs 2015

## **Metrics**

Publication: 28

Citation (WoS): 2

Citation (Scopus): 2

H-Index (WoS): 1

H-Index (Scopus): 1

## **Non Academic Experience**

University of Pisa

University of Surrey

Other, Diğer (Kurumlar,hastaneler Vb.), İnşaat Mühendisliği

Türkerler Holding