

Curriculum Vitae

TOLGA Y. OZUDOGRU, PH.D., M.ASCE

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Professional Experience

Assistant Professor, Istanbul Technical University – 2023-Present

- Deliver undergraduate and graduate courses in geotechnical engineering, with emphasis on numerical modeling and finite element analysis (PLAXIS 2D/3D)
- Supervise graduate thesis research and mentor undergraduate capstone projects
- Provide expert consultation on geotechnical investigations and prepare technical reports for engineering projects

Co-Founder, hetGE LLC – 2010-Present

- Co-founded and lead development of cloud-based geotechnical engineering software platform serving practicing engineers internationally
- Developed suite of specialized applications including AnchorTest, Pile Capacity, PLXMat, PLXShore, and Slope for structural and geotechnical analysis
- Led end-to-end product development from concept to production, including an OAuth 2.0/OIDC-compliant licensing and authorization system, on a full-stack architecture (Next.js, FastAPI, PostgreSQL)

Visiting Instructor, University of Djibouti – 2018-2024

- Taught Foundation Engineering I & II courses and supervised undergraduate graduation projects
- Contributed to curriculum development in geotechnical engineering

Visiting Scholar, Virginia Tech – 2011-2014

- Collaborated on NSF-funded research investigating thermo-mechanical behavior of energy piles
- Published six peer-reviewed journal articles in distinguished geotechnical journals
- Conducted experimental and numerical studies on soil-structure interaction

Teaching & Research Assistant, Istanbul Technical University – 2005-2023

- Instructed and assisted with undergraduate and graduate geotechnical engineering courses
- Managed soil mechanics laboratory testing programs and authored technical reports
- Contributed to consulting projects involving foundation design and ground improvement

Education

Ph.D., Civil Engineering—Geotechnical Engineering, Istanbul Technical University, 2015

Specialization: Energy Foundations, Multiphysics Modeling, Sustainable Design

M.Sc., Civil Engineering—Geotechnical Engineering, Istanbul Technical University, 2007

Specialization: Pile Integrity Testing

B.Sc., Civil Engineering, Istanbul Technical University (Honor List), 2004

Specialization: Geotechnical Engineering – In-Situ Tests

Academic Honors and Awards

- Second Turkish Antarctic Science Expedition (TAE-II), Feasibility Study for Turkish Scientific Research Base, Presidency of the Republic of Türkiye, Ministry of Science, Industry and Technology, 2018
- Best Ph.D. Thesis Award in 2015, Istanbul Technical University, 2016
- Secretary of ASCE Türkiye Group, 2015-2023
- Visiting Research Scholar, Virginia Tech., 2011-2014
- Scholarship for Doctoral Research in Virginia Tech, Turkish Council on Higher Education, 2011-2012
- Scholarship for Doctoral Research in Virginia Tech, Istanbul Technical University, 2011-2012
- Official delegate of Türkiye for 19th European Young Geotechnical Engineers' Conference in Győr, Hungary, 2008
- Honor List, Istanbul Technical University, 2000-2004

Professional Affiliations

- ASCE – American Society for Civil Engineers, Member (2005-Present)
- ASCE Türkiye – American Society for Civil Engineers Türkiye Group, Secretary (2016-2025)
- ISSMGE – International Society of Soil Mechanics and Geotechnical Engineering, Member
- UAE-DM – Dubai Municipality, Piling and Foundation Contracting Accreditation First Grade (2020-Present)
- UAE-DM – Dubai Municipality, Piling and Foundation Contracting Accreditation Second Grade (2015-Present)
- UAE-SoE – United Arab Emirates Society of Engineers, Member and Licensed Foundation Engineer
- ZMGM – Association of Soil Mechanics and Geotechnical Engineering, Member

Courses Taught/Assisted

Graduate

- Engineering Properties of Soils
- Environmental Geotechnics
- Numerical Modeling in Geotechnical Engineering

Undergraduate

- Soil Mechanics I and Laboratory
- Foundation Engineering I
- Foundation Engineering II
- Introduction to Environmental Geotechnics
- Introduction to Programming Languages (Python)
- Introduction to Scientific & Eng. Comp. (MATLAB)

Thesis Supervised

M.Sc. Theses

- Ergincan, E.H. (2024). Numerical Modeling and Parametric Study of NATM Tunnels Supported by Umbrella Arch. *M.Sc. Thesis*, Boğaziçi University, Institute for Graduate Studies, Istanbul, Türkiye, 113p (co-supervisor).

Research Projects

International Research Projects

- GOALI: Long-Term Thermo-Mechanical Performance and Group Effect Considerations for Design of Energy Piles. (2011–2016). Researcher, *NSF CMMI – National Science Foundation, Division of Civil, Mechanical and Manufacturing Innovation*. Award no: 1100752, Funding: \$603,856.
- International Workshop on Thermo-active Geotechnical Systems for Near-Surface Geothermal Energy: From Research to Practice January 10-12, 2013, Lausanne, Switzerland. (2012–2014). Researcher, *NSF CMMI – National Science Foundation, Division of Civil, Mechanical and Manufacturing Innovation*. Award no: 1249656, Funding: \$49,995.

- US-Egypt Cooperative Research: Geothermal Energy Piles: A New Sustainable Green Energy Solution for Middle East Buildings. (2011–2015). Researcher, *NSF OISE – National Science Foundation, Office of International Science and Engineering*. Award no: 1128023, Funding: \$150,000.
- The Use of Energy Piles for Sustainable Energy. (2009–2013). Researcher, *NSF CMMI – National Science Foundation, Division of Civil, Mechanical and Manufacturing Innovation*. Award no: 0928807, Funding: \$260,268.

National Research Projects

- Geothermal Energy Piles for Sustainable Energy. (2011–2015). Researcher, *ITU BAP – Istanbul Technical University Scientific Research Projects Coordination Unit, Scientific Graduate Thesis Support Program*. Funding: 15,000-TL.
- Determination of Pile Quality by Using the Low Strain Pile Integrity Testing and Signal Matching. (2006–2007). Researcher, *ITU BAP – Istanbul Technical University Scientific Research Projects Coordination Unit, Scientific Graduate Thesis Support Program*. Funding: 3,000-TL.

Academic Review Experience

International Journals

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|---|---|
| • ACTA Geotechnica | • Geothermics |
| • Applied Thermal Engineering | • Innovative Infrastructure Solutions |
| • Arabian Journal for Science and Engineering | • Journal of Geotechnical and Geoenvironmental Engineering |
| • Canadian Geotechnical Journal | • Journal of Waterway, Port, Coastal, and Ocean Engineering |
| • Computers and Geotechnics | • Measurement |
| • Cold Regions Science and Technology | • Soils and Foundations |
| • Geomechanics and Engineering | • Teknik Dergi |
| • Geomechanics for Energy and the Environment | |
| • Geotechnical and Geological Engineering | |

International Conferences

- ISOPE-2024 Rhodes, Greece (The International Society of Offshore and Polar Engineers)
- ISOPE-2021 Rhodes, Greece (The International Society of Offshore and Polar Engineers)
- ISOPE-2020 Shanghai, China (The International Society of Offshore and Polar Engineers)
- ISOPE-2019 Honolulu, HI, USA (The International Society of Offshore and Polar Engineers)
- ISOPE-2018 Sapporo, Japan (The International Society of Offshore and Polar Engineers)
- ISOPE-2017 San Francisco, CA, USA (The International Society of Offshore and Polar Engineers)
- Geo-Chicago 2016 (American Society of Civil Engineers, Geo-Institute)

Academic Publications

Citations

- | | |
|---|---|
| • Scopus | • Google Scholar |
| Sum of times cited: 706, h-index: 9, i10-index: 9 | Sum of times cited: 996, h-index: 10, i10-index: 10 |
| • Web of Science | • ResearchGate |
| Sum of times cited: 627, h-index: 8, i10-index: 8 | Sum of times cited: 825, h-index: 10, i10-index: 10 |

Journal Articles

- Abdelaziz, S.L. & Ozudogru, T.Y. (2016). Selection of the design temperature change for energy piles. *Applied Thermal Engineering*, 107, 1036-1045. [doi:10.1016/j.applthermaleng.2016.07.067](https://doi.org/10.1016/j.applthermaleng.2016.07.067)

- Abdelaziz, S.L. & Ozudogru, T.Y. (2016). Non-uniform thermal strains and stresses in energy piles. *Environmental Geotechnics*. doi:10.1680/jenge.15.00032
- Ozudogru, T.Y., Ghassemi-Fare, O., Olgun, C.G., & Basu, P. (2015). Numerical modeling of vertical geothermal heat exchangers using finite difference and finite element techniques. *Geotechnical and Geological Engineering*, 33(2), 291-306. doi:10.1007/s10706-014-9822-z
- Ozudogru, T.Y., Olgun, C.G., & Arson, C.F. (2015). Analysis of friction induced thermo-mechanical stresses on a heat exchanger pile in isothermal soil. *Geotechnical and Geological Engineering*, 33(2), 357-371. doi:10.1007/s10706-014-9821-0
- Olgun, C.G., Ozudogru, T.Y., Abdelaziz, S.L., & Senol, A. (2015). Long-term performance of heat exchanger piles. *ACTA Geotechnica*, 10(5), 553-569. doi:10.1007/s11440-014-0334-z
- Olgun, C.G., Ozudogru, T.Y., & Arson, C.F. (2014). Thermo-mechanical radial expansion of heat exchanger piles and possible effects on contact pressures at pile–soil interface. *Géotechnique Letters*, 4(3), 170-178. doi:10.1680/geolett.14.00018
- Abdelaziz, S.L., Ozudogru, T.Y., Olgun, C.G., & Martin II, J.R. (2014). Multilayer finite line source model for vertical heat exchangers. *Geothermics*, 51, 406-416. doi:10.1016/j.geothermics.2014.03.004
- Ozudogru, T.Y., Olgun, C.G., & Senol, A. (2014). 3D numerical modeling of vertical geothermal heat exchangers. *Geothermics*, 51, 312-324. doi:10.1016/j.geothermics.2014.02.005
- Özüdoğru, T.Y., Şenol, A., & Taylan, Z.N. (2009). Kazıklarda sinyal eşleme yöntemi ve çakılabilirlik analizi [Pile integrity testing and drivability analysis — in Turkish with an extended English Summary]. *İMO Teknik Dergi*, 20(3), 4793-4810.

Conference Papers

- Ergincan, H.E., Ozudogru, T.Y. & Yildirim, I.Z. (2024). Numerical Modeling of NATM Tunnels Pre-supported with Umbrella Arch Method: Comparison with Field Measurements. *Geo-Congress 2024*, February 25-28, Geo-Institute of ASCE, Vancouver, Canada, Geotechnical Special Publication 352, 612-621. doi:10.1061/9780784485347.015
- Ergincan, H.E., Özüdoğru, T.Y. & Yıldırım, İ.Z. (2023). Şemsiye Kemer Uygulamasındaki Sayısal Modelleme Yaklaşımlarının Karşılaştırılması [The Comparison of the Numerical Modeling Approaches on the Umbrella Arch Application — in Turkish with English Summary]. *The 5th International Underground Excavations Symposium*, June, 5-7, İstanbul, Türkiye.
- Colak, B., Dayioglu, A.Y., Ozudogru, T.Y. & Hatipoglu, M., (2023). A Comparative Study of 2D and 3D Finite Element Analysis for the Estimation of Piled Raft Foundation Performance. *Geo-Congress 2023*, March 26-29, Geo-Institute of ASCE, Los Angeles, LA, USA, Geotechnical Special Publication 339, 612-621. doi:10.1061/9780784484692.017
- Feyizoğlu, T., Özaslan, B., Özüdoğru, T.Y. & İyisan, R. (2020). Deprem ve Zemin Özelliklerinin Tek Boyutlu Dinamik Davranışa Etkisi [The Effect of Earthquake and Soil Properties on One Dimensional Dynamic Behavior — in Turkish with English Summary]. *2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020)*, October, 7-9, Gaziantep Üniversitesi, Gaziantep, Türkiye.
- Olgun, C.G., Geyin, M. & Ozudogru, T.Y. (2020). Micro-Scale Characterization of Carbonate Sands with Nanoindentation. *Geo-Congress 2020*, February 25-28, Geo-Institute of ASCE, Minneapolis, MN, USA, Geotechnical Special Publication 317, 389-397. doi:10.1061/9780784482803.042
- Olgun, C.G., Geyin, M. & Ozudogru, T.Y. (2017). Long-Term Performance of Heat Exchanger Boreholes at Different Climatic Conditions. *Geo-Frontiers 2017*, March 12-15, Geo-Institute of ASCE, Orlando, FL, USA, Geotechnical Special Publication 280, 153-164. doi:10.1061/9780784480472.016
- İyisan, R., Çevikbilen, G., Hatipoğlu, M. & Özüdoğru, T.Y. (2016). Kayma Dalgası Hızının PS Logging Yöntemi ile Belirlenmesi [Determination of Shear Velocity by Suspension PS Logging Method — in Turkish with English Summary]. *Zemin Mekaniği ve Geoteknik Mühendisliği 16. Ulusal Kongresi*, 13-14 Ekim, Atatürk Üniversitesi, Erzurum, Türkiye.

- Ozudogru, T.Y., Brettmann, T., Olgun, C.G., Martin, J.R. & Senol, A. (2012). Thermal Conductivity Testing of Energy Piles: Field Testing and Numerical Modeling. *Geo-Congress 2012*, March 25-29, Geo-Institute of ASCE, Oakland, CA, USA, Geotechnical Special Publication 225, 4436-4445. [doi:10.1061/9780784412121.456](https://doi.org/10.1061/9780784412121.456)
- Senol, A., Etminan, E., Ozudogru, T. Y. & Yildirim, H. (2011). Stabilization of A Low Plasticity Clay Soil by Alternative Materials. *International Symposium on Advances in Ground Technology Geo-Information (IS-AGTG)*, December 1-2, Singapore, 271-277. [doi:10.3850/978-981-07-0188-8_p029](https://doi.org/10.3850/978-981-07-0188-8_p029)
- Ozudogru, T.Y. & Senol, A. (2008). A Case Study on the Determination of Pile Discontinuities by Using the Low Strain Pile Integrity Testing and Signal Matching. *19th EYGEC Conference*, September 3-6, Széchenyi István University, Győr, Hungary, 233-241.
- Ozudogru, T.Y., Senol, A. & Denec, G. (2007). Determination of Pile Discontinuities by Using the Low Strain Pile Integrity Testing and Signal Matching. *1st International Conference on Soil and Rock Engineering*, August 7-11, Colombo, Sri Lanka.
- Şenol, A., Hatipoğlu, M., Özüdoğru, T.Y. & Taylan, Z.N. (2006). Düşük Plastisiteli Killerin Önkonsolidasyon Basıncının Çeşitli Yöntemlerle Belirlenmesi [The Evaluation of Pre-consolidation Pressures of Various Low Plasticity Subgrades Using Different Methods — in Turkish with English Summary]. *Zemin Mekaniği ve Temel Mühendisliği 11. Ulusal Kongresi*, September 7-8, Karadeniz Teknik Üniversitesi, Trabzon, Türkiye.
- Senol, A., Taylan, Z.N., Ozudogru, T.Y. & Hatipoglu, M. (2006). The Sample Size Effect to the Values of Pre-consolidation Pressure. *ICPMG 2006*, August 4-6, Hong Kong, 1367-1370. [doi:10.1201/NOE0415415866](https://doi.org/10.1201/NOE0415415866)
- Senol, A., Ozudogru, T.Y. & Hatipoglu, M. (2006). The Evaluation of Pre-Consolidation Pressure in terms of Various Determination Methods for Different Clay Subgrades. *GeoShanghai Conference-2006*, June 6-8, Geo-Institute of ASCE, Shanghai, China, Soil and Rock Behavior and Modeling, 70-75. [doi:10.1061/40862\(194\)8](https://doi.org/10.1061/40862(194)8)
- Senol, A., Hatipoglu, M. & Ozudogru, T.Y. (2005). The Evaluation of Pre-consolidation Pressure Results of “CL” Subgrades. *Geoprob 2005: International Conference on Problematic Soils*, May 25-27, Gazimagosa, North Cyprus, 1269-1274.

Presentations

- Bowers, G.A., Ozudogru, T.Y. & Olgun, C.G. (2014). Ground-Source Bridge Deck Deicing and the Influence of Groundwater Flow on Seasonal Thermal Storage. *2014 Geological Society of America Annual Meeting*, October, 19-22, Vancouver, British Columbia, Canada.
- Ozudogru, T.Y., Olgun, C.G. & Senol, A. (2014). Thermal Resistance Evaluation and Performance Assessment of Heat Exchanger Piles. *2014 Geological Society of America Annual Meeting*, October, 19-22, Vancouver, British Columbia, Canada.
- Ozudogru, T.Y., Olgun C.G. & Senol A. (2014). Geotechnical Design Considerations for Energy Piles. *CGPR 2014 – Annual Meeting of Center for Geotechnical Practice and Research*, March, 5, Virginia Tech, Blacksburg, VA, USA.
- Ozudogru, T.Y., Olgun C.G. & Senol A. (2013). *Thermal Characterization of Soils with In-situ Testing*. *CGPR 2013 – Annual Meeting of Center for Geotechnical Practice and Research*, February, 27, Virginia Tech, Blacksburg, VA, USA.
- Olgun, C.G., Ozudogru, T.Y. & Senol, A. (2013). Near Surface Storage of Thermal Energy. *Geological Society of America's 125th Anniversary Annual Meeting & Exposition*, October, 27-30, Denver, CO, USA.
- Ozudogru, T.Y., Olgun C.G. & Senol A. (2012). Thermal Characterization of Soils with In-situ Testing. *CGPR 2012 – Annual Meeting of Center for Geotechnical Practice and Research*, February, 29, Virginia Tech, Blacksburg, VA, USA.

Theses

- Ozudogru, T.Y. (2015). The Use of Geothermal Heat Exchanger Piles for Sustainable Design. *Ph.D. Thesis*, Istanbul Technical University, Institute of Science and Technology, Istanbul, Türkiye, 259p.

- Ozudogru, T.Y. (2007). Determination of Pile Quality Using Low Strain Integrity Testing and Automatic Signal Matching. *M.Sc. Thesis*, Istanbul Technical University, Institute of Science and Technology, Istanbul, Türkiye, 114p.
- Ozudogru, T.Y., Okumusoglu, B., Cecen, O., Sengorenoglu, C. & Yaro, H. (2004). Field Tests and Their Applications in Geotechnical Engineering. *B.Sc. Engineering Design Project*, Istanbul Technical University, Civil Engineering Faculty, Istanbul, Türkiye.

Research Reports

- Ghasemi-Fare, O., Bowers, G.A., Kramer, C.A., Ozudogru, T.Y., Basu, P., Olgun, C.G., Bulbul, T., Sutman, M. (2015). *A Feasibility Study of Bridge Deck Deicing using Geothermal Energy* (Report No. MAUTC-2013-02). University Park, PA: Mid-Atlantic Universities Transportation Center.

Books

- Ozudogru, T.Y. (2011). *Pile Integrity Testing: Determination of Pile Quality Using Low Strain Integrity Testing and Automatic Signal Matching*. Lambert Academic Publishing, 144p., ISBN: 978-3844331370.

Consulting

Experience

- Geotechnical evaluation
- Shoring design, retaining walls
- Shallow and deep foundation design
- Soil-structure interaction in tunnels
- Slope stability
- Soil improvement

International Consultancy Projects

- Sumer, M., Kirca, V.S.O. & Ozudogru, T.Y. (2020). Petrofac Norge BV: *Hydro-Geotechnical Investigation of Impacts of Vessel-Induced Scour around the Hollandse Kust Zuid (HKZ)-Alpha Platform*. The Netherlands.
- Ozudogru, T.Y. (2020). Alke Construction Inc.: *Jenin Industrial Free Zone – JIFZ “Off-Site and Phase I of On-Site Infrastructure” Lot 2: Wastewater Treatment Plant*. Jenin, Palestine.
- Ozudogru, T.Y. (2020). Alke Construction Inc.: *Hebron Regional Wastewater Treatment Plant*. Hebron, Palestine.
- Ozudogru, T.Y. (2019). CTrue & Partners: *Review of Shoring System Design Report EH Private Island Development*. Abu Dhabi, UAE.

Professional Technical Reports

- Kadioğlu, F. & Özüdoğru, T.Y. (2026). *Technical Report on Ground Movements and Structural Damage in İstanbul-Arnavutköy Hadımköy Neighborhood, Sheet F21D 08D 4C, Parcel 500* (May 2026). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- İyisan, R. & Özüdoğru, T.Y. (2025). *Geotechnical Report on the Interaction of the Buildings to be Constructed in İstanbul-Kadıköy Bostancı Neighborhood, Sheet 166, Block 2890, Parcel 4, with the Kadıköy-Kartal-Kaynarca Metro Line* (December 2025). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Kadioğlu, F. & Özüdoğru, T.Y. (2025). *Technical Report on Foundation of the Packaging Building in İstanbul-Ümraniye Dudullu OSB Neighborhood, Sheet 29, Parcel 6397* (November 2025). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Kirca, V.Ş.Ö., Çiltaş, E., Özüdoğru, T.Y. & Damcı, A. (2025). *Risk Assessment Study Report for BOTAŞ 2x24" Pipelines during Construction and Operation Phases of Belde Port West Terminal* (July 2025). Istanbul Technical University, Center for Water and Marine Sciences Technologies, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2025). *Geotechnical Report on RMK Shipyard to be Constructed in Yalova-Altınova Tavşanlı Neighborhood, Blocks 233 and 235, Parcels 1, 4, and 15* (June 2025). Istanbul Technical University, Center for Water and Marine Sciences Technologies, Istanbul, Türkiye.

- Özüdoğru, T.Y. (2025). *Geotechnical Report on Procurement of Services for the Construction of Two Finger Piers and the Modernization of the Electrical Infrastructure to Accommodate Frigates and Submarines in Çanakkale-Merkez* (March 2025). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2025). *Geotechnical Report on Determining the Soil Liquefaction Risk and Seismic Performance of Coastal and Port Structures within the Istanbul Naval Shipyard Command Project Service Procurement in İstanbul-Pendik* (February 2025). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2025). *Geotechnical Report on Determining the Soil Liquefaction Risk and Seismic Performance of Coastal and Port Structures within the Naval Academy Command Project Service Procurement in İstanbul-Tuzla* (February 2025). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2025). *Geotechnical Report on Geotechnical Design of Aksaz Repair Support Command Dry Dock Construction Project Service Procurement in Muğla-Marmaris Aksaz Neighborhood* (January 2025). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Bayat, E. & Özüdoğru, T.Y. (2025). *Technical Report on the Interaction of the Planned Şişli Municipality Service Building in İstanbul-Şişli Meşrutiyet Neighborhood, Sheet 943, Parcel 11, with the M2 Yenikapı-Haciosman Metro Line* (January 2025). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2024). *Geotechnical Report on Project Service Procurement (6th Stage) for the Reconstruction of Buildings and Marine Structures Damaged by the Earthquake in Hatay-İskenderun* (October 2024). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2024). *Geotechnical Report on Aksaz Repair Support Command Dry Dock Construction Project Service Procurement in Muğla-Marmaris Aksaz Neighborhood* (September 2024). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- İyisan, R. & Özüdoğru, T.Y. (2024). *Geotechnical Report on the Damages and Solution Proposals for İSKİ Eyüpsultan Münzevi Water Reservoir No. 2 in Eyüpsultan District, İstanbul*. (July 2024). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Kadioğlu, F. & Özüdoğru, T.Y. (2024). *Technical Report on Foundation of the Buildings to Be Constructed in İstanbul-Tuzla Evliya Çelebi Neighborhood, Sheet G22B17A1D, Parcel 8466* (May 2024). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru T.Y. (2024) *Geotechnical Report on Settlement Analysis and Soil Improvement of Kartepe Intermodal Logistics Terminal Logistic Warehouse Area 11 Within Zone 111 in Kocaeli Province, Kartepe District* (April 2024). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2024). *Geotechnical Report on Foundation of the Buildings to Be Constructed in İstanbul-Arnavutköy Ömerli Neighborhood, Sheet F21D-13C-1B, Block 259, Parcels 1-2-3* (March 2024). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- İyisan, R. & Özüdoğru, T.Y. (2024). *Geotechnical Report on the Excavation Support System for İzmir-Buca Tınaztepe Neighborhood, Dokuz Eylül University Station in the 5th Phase of İzmir Light Rail System Üçyol-Buca Line* (January 2024). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2024). *Geotechnical Report on Foundation of the Buildings to Be Constructed in Adana-Çukurova Kurttepe Neighborhood, Sheet 22K-1, Block 5867, Parcel 7* (January 2024). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2023). *Technical Report on Evaluation of Seismic Survey Report of the Building in Ankara-Çankaya Kızılay Neighborhood, Block 1163, Parcel 24* (December 2023). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2023). *Geotechnical Report on the Interaction of the Building to be Constructed in Kocaeli-Gebze Mustafapaşa Neighborhood, Sheet G22B19D3B, Block 3032, Parcel 19, with the Gebze-Darica Metro Line* (November 2023). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.

- İyisan, R. & Özüdoğru, T.Y. (2023). *Geotechnical Report on the Excavation Support System for İzmir-Buca Dumlupınar Neighborhood, Çamlıkule Station in the 5th Phase of İzmir Light Rail System Üçyol-Buca Line* (August 2023). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2023). *Geotechnical Report on the Interaction of the Building to be Constructed in Kocaeli-Gebze Mustafapaşa Neighborhood, Sheet G22B19D3B, Block 3032, Parcel 18, with the Gebze-Darica Metro Line* (August 2023). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Kadioğlu, F. & Özüdoğru, T.Y. (2023). *Technical Report on the Damages Occurred as a Result of the February 6, 2023 Earthquakes at LimakPort İskenderun Port in Hatay-İskenderun Çay Neighborhood* (June 2023). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Özüdoğru, T.Y. (2023). *Geotechnical Report on Excavation Support Systems for the Construction and Procurement of Electromechanical Systems for the Bursa Emek–City Hospital Light Rail System Line, YHT Gar Station – City Hospital Turnout Structure Section (KM: 3+550.00 – 4+510.000)* (May 2023). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- İyisan, R. & Özüdoğru, T.Y. (2023). *Geotechnical Report on Foundation of the Building to Be Constructed in İstanbul-Fatih Hoca Paşa Neighborhood, Sheet 10, Block 4, Parcel 31* (May 2023). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
- Kadioğlu, F. & Özüdoğru, T.Y. (2023). *Technical Report on Foundation of the Building to Be Constructed in İstanbul-Maltepe Cevizli Neighborhood, Block 16107, Parcel 1* (March 2023). Istanbul Technical University, Department of Civil Engineering, Istanbul, Türkiye.
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