

Expertise areas:



- Onshore and offshore wind turbine foundations
- Offshore wind turbine site selection
- Geotechnical site investigations
- Experimental and computational geomechanics

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Recent Projects:

Consulting Project: Offshore Oil Platform Foundation (Spudcan) Penetration into Sea-bottom sediments, Funding Agency: Turkish Petroleum Corporation (TPAO), 2011.

Research Proposal being prepared: Offshore Wind Turbine Foundations, Funding Agency: TUBITAK, 2016

FOLADIS: Mechanism, Modeling and Forecasting of Landslide Displacements, (2010-2013), Funding Agency: EU 7th Framework Programme Marie Curie Career Integration Grant

Recent Publications:

- Karamanli, A.F. And Huvaj, N. (2016) “Offshore Wind Turbine Foundations In Turkey: Challenges And Opportunities”, 1st International Winercost Conference, 21-22 April 2016, METU, Ankara, Turkey (abstract accepted)
- M. S. Thesis: Offshore oil platform foundation (spudcan) penetration into clayey seabed, Volkan Emren, METU Civil Engineering Department, 2015, Thesis Supervisor: Nejan HUVAJ
- M. S. Thesis (ongoing): Onshore wind turbine foundation design, Baki Eren Yaşar, METU Civil Engineering Department (expected 2016), Thesis Supervisor: Nejan HUVAJ
- Ph.D. Thesis (ongoing): Optimum Design of Offshore Wind Turbine Foundations, Ata Fırat Karamanlı, METU Civil Engineering Department, Thesis Supervisor: Nejan HUVAJ