

CURRICULUM VITAE



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➤ **Education**

Degree	University	Field	Year
B.S.	Uroumieh University	Civil Engineering	2006 - 2010
Dissertation : Determination of Swelling Soils			
M.S.	Istanbul Technical University	Soil Mechanics and Geotechnical Engineering	2010 - 2012
Thesis Title : Soft soil stabilization using fly ash, polypropylene, copolymer and VHP			
Ph.D.	Istanbul Technical University	Soil Mechanics and Geotechnical Engineering	2012 - 2016
Thesis Title : Influence of silt characteristics on liquefaction behavior of silty sands			

➤ **Language Knowledge**

Language	Level
Turkish	Mother Tongue
English	Advanced
Persian	Advanced
Arabic	Intermediate
German	Beginner

➤ **Academic Experiences**

- ✓ **Teacher Assistant**, CE 341: Soil Mechanics, Civil Engineering Faculty, Yeditepe University.
- ✓ **Teacher Assistant**, CE 441: Foundation Engineering, Civil Engineering Faculty, Yeditepe University.
- ✓ **Research Assistant**, “Influence of Silt Characteristics on Liquefaction Behavior of Silty Sands”, Marie Curie FP7-PEOPLE-2011-CIG Project No: 303974.
- ✓ **Research Assistant**, “Soft soil stabilization using fly ash, polypropylene, copolymer and VHP”, MAG-HD-3 (105M005).
- ✓ **Volunteer Teacher**, Soil Mechanics and Foundation Engineering Courses, Istanbul Technical University.

➤ **Publications**

- ***Thesis***
- ✓ Ph.D. Thesis: “Effects of Gradation, Fines Content and Silt Shape Characteristics on Static and Cyclic Liquefaction of Loose Sands”, Istanbul Technical University, Institute of Science and Technology, 2016.
- ✓ M.S. Thesis: “Soft Soil Stabilization Using Fly ash, Polypropylene, Copolymer and VHP” Istanbul Technical University, Institute of Science and Technology, 2012.

- *Journal Papers / Preprints*

- ✓ Monkul, M.M., Lade, P.V., **Etminan, E.**, Senol, A. (2014). “Compressibility as an indicator of liquefaction potential”, *Geotechnical Engineering Journal of SEAGS-AGSSEA*, 45 (4), 73-77.
- ✓ Monkul, M.M., **Etminan, E.**, Senol, A. (2015). “Influence Of Coefficient Of Uniformity And Base Sand Gradation On Static Liquefaction Of Loose Sands With Silt”, *Soil Dynamics and Earthquake Engineering*, 75, 27-36. SCI.
- ✓ Monkul, M.M., **Etminan, E.**, Senol, A. (2017) “Coupled Influence of Content, Gradation and Shape Characteristics of Silts on Static Liquefaction of Loose Sands with Silt” *Soil Dynamics and Earthquake Engineering*, SCI. (Under Review).

- *Conference Proceedings*

- ✓ **Etminan, E.**, Monkul, M.M., Senol, A. (2016). “Effect of silt size and gradation on cyclic liquefaction of sands”, ZM2016- Fourth International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, Nicosia, North Cyprus.
- ✓ **Etminan, E.**, Monkul, M.M., Senol, A. (2015). “Silt influence on static liquefaction of sands”. *Proceedings of the XVI European Conference on Soil Mechanics and Geotechnical Engineering*, Edinburgh, U.K.; DOI:10.1680/ecsmge.60678; ISBN 978-0-7277-6067-8.
- ✓ Senol, A., Ikizler, B., **Etminan, E.**, Demir, G., (2014), Improvement of low plasticity clayey soils using polypropylene fibers, *Geo-Hubei 2014 International Conference (GSP 254) Geotechnical Special Publication*, Hubei, China.
- ✓ Senol, A., **Etminan, E.**, Cetin, A. Y., Yildirim, H., (2013), Stabilization of high plasticity clay soil by use of fly ash, copolymer and HPP, *The 5th International Geotechnical Symposium-Incheon*, South Korea.
- ✓ Senol, A., **Etminan, E.**, Yildirim, H., Olgun, C. G., (2012), Improvement of high and low plasticity clayey soils using polypropylene fibers and fly ash, *ICSDEC 2012-2nd International Conference for Sustainable Design, Engineering and Construction*, Kansas City, KS USA.
- ✓ Senol, A., **Etminan, E.**, Cevikbilen, G., Yildirim, H., (2012), Stabilization of clayey soils using propylene and polymer fibers, *5th European Geosynthetics Congress*, Valencia, Spain.

- ✓ Senol, A., **Etminan, E.**, Olgun, G., (2012), Stabilization of clayey soils using fly ash and homopolymerpolypropylene, 2012 Geo-Congress, Geo Institute, Oakland, CA USA.
- ✓ 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), Singapore.

• ***National Conferences***

- ✓ Monkul, M.M., **Etminan, E.**, Şenol, A., (2016), Silt boyutu ve dane şekli özelliklerinin siltli kumların sismik sıvılaşmasına etkisi, Zemin Mekaniği ve Temel Mühendisliği ZM16-Onaltıncı Ulusal Kongresi, 285-294, Atatürk Üniversitesi, Erzurum.
- ✓ Monkul, M.M., **Etminan, E.**, Senol, A., Lade, P.V. (2014). “Statik Yükleme Etkisinde Sıvılaşma ve Hacimsel Sıkışma Katsayısı”. ZM 15: Zemin Mekaniği ve Temel Mühendisliği 15. Ulusal Kongresi, ZM15, ODTÜ, Ankara, Türkiye, syf. 215-222.
- ✓ Senol, A., İkizler, B., **Etminan, E.**, Nas, E., Gulsen, F., Cevıkbılen, G., Hatıpoğlu, M., (2014), Alternatif malzemeler ile yüzeysel zeminlerin iyileştirilmesi, Prof. Dr. Kutay Ozaydın Onuruna Geoteknikte Gelişmeler ve Deneyimler Sempozyumu, YTU, İstanbul

➤ **Awards & Honors**

- ✓ Honors certificate for the 1st ranked student in B.S.
- ✓ Istanbul Technical University’s financial support for participating in GeoCongress 2011 which held by ASCE organization.
- ✓ TÜBİTAK’s financial support for participating in GeoCongress 2012 which held by ASCE organization (Program No. 2224).

➤ **References**

✓ **Assoc. Dr. Aykut Şenol**

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✓ **Assoc. Dr. Mehmet Murat Monkul**

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