

Seyed Mohsen SEYEDI VIAND

DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING
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EDUCATION

- **Ph.D.**, Civil & Environmental Engineering Department, Istanbul Technical University: 2014-Present
Thesis Title: Dynamic Response of Partially Saturated Sands Under Foundations.
Advisor: Assist. Prof. Dr. Ece Bayat
- **M.Sc.**, Civil & Environmental Engineering, University of Mohaghegh Ardabili, Iran. 2010-2012.
Thesis Title: An evaluation of inelastic response spectra based on 2DOF modal systems for tall asymmetric-plan buildings.
Advisor: Assoc. Prof. Dr. Kazem Shakeri
- **B.S.**, Civil & Environmental Engineering, University of Mohaghegh Ardabili, Iran. 2004-2008.

APPOINTMENTS

- Lecturer, Civil Engineering Department, Istanbul Altınbaş University, February 2018-Present.
- Research Assistant, Civil & Environmental Engineering Department, Istanbul Technical University, September 2015- July 2017.

TEACHING

Academic Year	Semester	Course	Number of Students
2017-2018	Spring	Concrete Structures 2	12

Honors and Awards

- Awarded Full-Scholarship for the whole B.Sc. Courses, University of Mohaghegh Ardabili (2004 – 2008).
- Awarded Full-Scholarship for the whole M.Sc. Courses, University of Mohaghegh Ardabili (2010 – 2012).
- TÜBİTAK scholarship, No. 213M367, Funded by The Scientific and Technological Research Council of Turkey (September 2015- July 2017).
- Short- Term Student Exchange Grant for Studying in Japan offered by Tokyo Institute of Technology (July 2017- September 2017).

RESEARCH INTERESTS

- Geotechnical Earthquake Engineering
- Liquefaction Mitigation techniques
- Numerical Modellings of Geotechnical Engineering Problems

PUBLICATIONS

JOURNAL PAPERS:

- **Seyed Mohsen Seyed Viand**, Kazem Shakeri, Hossein Vakili and Mehrdad Azadi Hir. “An assessment of a modal pushover method based on 2DOF modal system for tall asymmetric-plan buildings”, Journal of Civil Engineering and Urbanism, Vol.3: No.4, pages 216-220, July 2013.
- Hossein Vakili, Kazem Shakeri, **Seyed Mohsen Seyed Viand** and Mehrdad Azadi Hir. “An investigation of efficiency and accuracy of energy based capacity spectrum in estimating the seismic demands of buildings”, Journal of Civil Engineering and Urbanism. Vol.3: No.5, pages 251-259, September 2013.

CONFERENCE PAPERS:

- Bilal Ozaslan, Umit Karadogan, **Seyed Mohsen Seyed Viand**, Evrim Guley, Maryam Massahfard, Leila Mokhberioskouei and Ayfer Erken. “DYNAMIC SOIL BEHAVIOR AROUND TUNNELS UNDER EARTHQUAKE EXCITATION”, International Symposium on Natural Hazard and Hazard Management, 2-4 March 2016, Karabuk-Turkey. (In Turkish Language)
- E. E. Eseller-Bayat, Ataollah Nateghi, **Seyed Mohsen Seyed Viand** and Navid Jadidoleslam. “Numerical modelling of liquefaction tests of fully saturated sands in CSSLB”, 4th International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, 2-4 June 2016, Near East University, Nicosia, North Cyprus.
- **Seyed Mohsen Seyed Viand**, E. E. Eseller-Bayat. “Numerical modelling of liquefaction tests of partially saturated sands in CSSLB”, International Workshop on Advances in Laboratory Testing & Modelling of Soils and Shales, 18-20 January 2017, Villars – sur – Ollon, Switzerland.

COMPUTER SKILLS

- FLAC^{3D}
- DEEPSOIL
- ETABS, SAP2000, SAFE
- AutoCAD200x