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Mohsen Seyedi



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EĞİTİM BİLGİLERİ

Derece	Üniversite	Bölüm	Yıl
Doktora	İstanbul Teknik Üniversitesi	Deprem Mühendisliği	2014 - 2021
Yüksek Lisans	Mohaghegh Ardabili Üniversitesi	Deprem Mühendisliği (Tezli)	2010 - 2012
Lisans	Mohaghegh Ardabili Üniversitesi	İnşaat Mühendisliği	2004 - 2008

ARAŞTIRMA ALANLARI

Geoteknik Deprem Mühendisliği

AKADEMİK GÖREVLER

Görev	Üniversite	Alan	Yıl
İnşaat Mühendisliği Bölüm Başkan Yardımcısı	Altınbaş Üniversitesi	İnşaat Mühendisliği	2023 -

İDARİ GÖREVLER

Görev	Üniversite	Yıl
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AKADEMİK VE MESLEKİ ÜYELİKLER

Kurum	Üyelik	Yıl
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ÜNİVERSİTE DIŞI DENEYİM

Ülke	Kurum	Görev	Yıl
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KİTAPLAR

MAKALELER

An Empirical Function to Predict the Liquefaction-Induced Uplift of Circular Tunnels

SEYEDİ MOHSEN

Transportation Infrastructure Geotechnology, 2024

Uluslararası DOI: 10.1007/s40515-024-00400-y

Enhancing Geotechnical Properties of Clayey Soil with Recycled Plastic and Glass Waste

Adnan Shakir Al-Mohammedi Amenah, SEYEDİ MOHSEN

Revue des composites et des matériaux avancés, 2023

Uluslararası DOI: 10.18280/rcma.330603

Numerical Analysis of Geogrids and Recycled Concrete Aggregate for Stabilizing Road Embankments

Abdulkareem Mohammed AL-DULAIMI Marwa, SEYEDİ MOHSEN

Annales de Chimie - Science des Matériaux, 2023

Uluslararası DOI: 10.18280/acsm.470404

Partial Saturation as a Liquefaction Countermeasure: A Review

SEYEDİ MOHSEN, BAYAT ESRA ECE

Springer Science and Business Media LLC, 2021

Uluslararası DOI: 10.1007/s10706-021-01926-5

MAKALELER

An alternative empirical function to predict air–water mixture bulk modulus for numerical modeling of liquefaction behavior of induced partially saturated sands

SEYEDİ MOHSEN, BAYAT ESRA ECE
Springer Science and Business Media LLC, 2021
Uluslararası DOI: 10.1007/s10518-021-01058-4

A Numerical Assessment of the Efficiency of Partial Saturation as a Countermeasure Against Liquefaction-Induced Uplift of Tunnels

S Duraid Abdullah Al-Khateeb, M Jasim Khammas Issa, Mohsen Seyedi
Journal of Earthquake Engineering, 2024
Uluslararası DOI: <https://doi.org/10.1080/13632469.2024.2434528>

Impact of train-induced vibrations on residents' comfort and structural damages in buildings

Mohsen Seyedi
Journal of Vibration Engineering & Technologies, 2024
Uluslararası DOI: <https://doi.org/10.1007/s42417-024-01513-x>

Numerical evaluation of pile-driving-induced vibrations in soil and their impact on adjacent structures

Marwan Abdelsalam , Mohsen Seyedi
Journal of Civil and Hydraulic Engineering, 2025
Uluslararası DOI: <https://doi.org/10.56578/jch e030103>

Assessment of Haditha Dam Surface Area and Catchment Volume and Its Capacity to Mitigate Flood Risks for Sustainable Development

Raad F Hasan, Mohsen Seyedi, Riyadh Alsultani
Mathematical Modelling of Engineering Problems, 2024
Uluslararası DOI: 10.18280/mmep.110728

Dynamic responses of embankment dams, constituted from varied soil types, to seismic activity

Mohammad Shouib Anwar Khan , Mohsen Seyedi
Acadlore Transactions on Geosciences, 2023
Uluslararası DOI: <https://doi.org/10.56578/atg 020305>

An Assessment of a Modal Pushover Method Based On 2DOF Modal System for Tall Asymmetric-Plan Buildings

Seyyed Mohsen Seyyedi Viand, Kazem Shakeri, Hossein Vakili, Mehrdad Azadi Hir
Journal of Civil Engineering and Urbanism, 2013
Uluslararası

An Investigation of Efficiency and Accuracy of Energy-Based Capacity Spectrum in Estimating the Seismic Demands of Buildings

Hossein Vakili, Kazem Shakeri, Seyed Mohsen Seyedi Viand, Mehrdad Azadi Hir
Journal of Civil Engineering and Urbanism, 2013
Uluslararası

Liquefaction Behavior of Suction Bucket Foundations for Wind Turbines Under Soil Variability

Jasim Khammas Issa, M.; Abdelsalam, M.; Hashim Khudhair, L.; Seyedi, M.; Anwar Khan, M.S.
Geotechnical and Geological Engineering, 2025
Uluslararası DOI: <https://doi.org/10.1007/s10706-025-03129-8>

A Modified Empirical Model for Predicting Liquefaction in Partially Saturated Sands

Seyedi, M.; Eseller-Bayat, E.E.
Geotechnical and Geological Engineering, 2025
Uluslararası DOI: <https://doi.org/10.1007/s10706-025-03121-2>

BİLDİRİLER

BİLDİRİLER

Numerical Modelling of Liquefaction Tests of Partially Saturated Sands in CSSLB

SEYEDİ MOHSEN, BAYAT ESRA ECE

Advances in Laboratory Testing and Modelling of Soils and Shales, 2017

Uluslararası

DEPREMDEN ETKİLENEN TÜNEL ZEMİNİNİN DİNAMİK DAVRANIŞI

ÖZASLAN BİLAL, KARADOĞAN ÜMİT, SEYEDİ MOHSEN, Evrim GÜLEY Evrim, Massahfard Maryam, MOKHBERIOSKOU EI LEILA, ERKEN AYFER

Doğal Afet ve Afet Yönetimi Sempozyumu (DAAYS'16), 2016

Ulusal

Numerical modelling of liquefaction tests of fully saturated sands in CSSLB

SEYEDİ MOHSEN, BAYAT ESRA ECE

4 th International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, 2016

Uluslararası

Investigating the Effect of Polyamine Fatty Acid on the Moisture Sensitivity of Warm Mix Asphalt Mixtures

Naimi, S.; Saeidi, S.; Seyedi, M.

ICEARC 25- 4th International Civil Engineering & Architecture Conference,

Uluslararası

PROJELER

The Dynamic Behavior of Liquefiable Soils Under Existing or New Buildings Improved by "Induced Partial Saturation (IPS)" Method to Prevent Liquefaction During an Earthquake (Araştırmacı)

TÜBİTAK Projesi, 01.09.2015 - 29.07.2017

Ulusal Tamamlandı

TEZ DANIŞMANLIKLARI

Dynamic response of foundation under vibrating machines

ISMAEL AMADOU DJIBO

2024 Yüksek Lisans

Numerical modelling of flow through an embankment using plaxis 2d

MOHAMMAD SHOUIB ANWAR KHAN

2024 Yüksek Lisans

TRAIN-INDUCED VIBRATION IN BRIDGE PIERS

FATİH ÇAKTUR

2024 Yüksek Lisans

Numerical assessment of tunnel shape for liquefaction- induced uplift

SAMI BAKOUR

2023 Yüksek Lisans

Using BIM tools to design connections between the foundation to the industrial structures

SARAH DAHHAM SALIM

2023 Yüksek Lisans

Performance management of green sustainable building based on topsis technique

HUSSEIN HAMID JAWAD

2023 Yüksek Lisans

Monitoring and evaluating risk effect in construction project in Iraq using multi-criteria decision

MOHAMMED JASIM ISSA

2023 Yüksek Lisans

TEZ DANIŞMANLIKLARI

Measurement and ranking of human factors affecting the increase in cost and time of construction projects in Bbaghdad using ahp and topsis techniques

MOHAMMED HAMMADI

2023 Yüksek Lisans

Using modern technologies in preparing construction project schedules

HADEEL SAFAA HAMDİ

2023 Yüksek Lisans

Building project evaluation based on period and expenditures relationship

BAYDAA ALAZZAWI

2023 Yüksek Lisans

The role of conceptual safety management in the construction project and its impact on productivity

DOAA JAWAD

2023 Yüksek Lisans

Numerical simulation of different methods for road embankment stabilization

MARWA ABDULKAREEM MOHAMMED AL-DULAIMI

2023 Yüksek Lisans

The effect of variation orders on claims under construction contracts in Iraq

DINA KAMAL

2023 Yüksek Lisans

Civil project management and its impact on the implementation of infrastructure projects in Iraq - Salah Al-Din case study

OBAYDA AL MULEES

2023 Yüksek Lisans

Numerical study to evaluate the lateral resistance of pile embedded in Basra soil

HAIDER MAJEED HASSAN AL-ABYAWI

2023 Yüksek Lisans

Numerical modelling of mitigation of liquefaction – induced uplifts in tunnels

AHMED J S SULAIMAN

2022 Yüksek Lisans

Analysis and modelling the hydrological performance of reservoirs in north of Iraq

HAYDER AL KHAFAJI

2022 Yüksek Lisans

DERSLER

Ders Türü	Ders Kodu	Ders Adı
Lisans	İNŞ350	TEMEL MÜHENDİSLİĞİ
Lisans	İNŞ311	ZEMİN MEKANİĞİ
Lisans	CVE333	STRENGTH OF MATERIALS II
Lisans	CVE236	STRENGTH OF MATERIALS FOR ARCHITECTURE
Lisans	CVE350	FOUNDATION ENGINEERING
Lisans	CVE203	EARTH SCIENCES FOR CIVIL ENGINEERING
Lisans	CVE221	CIVIL ENGINEERING MATERIALS
Lisans	CVE102.1	ENGINEERING MECHANICS I
Yüksek lisans	CVE525	ADVANCED FOUNDATION ENGINEERING
Yüksek lisans	CVE599	MASTER THESIS

KİŞİSEL BİLGİLER

İLETİŞİM BİLGİLERİ

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