

Asst. Prof. ÜMİT ÇALIK

Personal Information

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Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2004 - 2012

Undergraduate, Dokuz Eylul University, Faculty Of Engineering, Department Of Civil Engineering, Turkey 1999 - 2004

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Other, Otoyol Eğitim Kursu, Karayolları Genel Müdürlüğü 10. Bölge Müd., 2013

Other, Karayolu Temel Kursu, Karayolları Genel Müdürlüğü 10. Bölge Müd., 2012

Other, Memur Adaylık Eğitimi Programı, Karayolları Genel Müdürlüğü 10. Bölge Müd., 2012

Dissertations

Doctorate, Perlitin Puzolanik Katkı Olarak Kireç ile Birlikte Zemin Stabilizasyonunda Kullanımı, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği/Geoteknik Anabilim Dalı, 2012

Research Areas

Civil Engineering, Geotechnical, Foundation Engineering, Soil Mechanics

Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Of Teknoloji Fakültesi, İnşaat Mühendisliği, 2014 - Continues

Assistant Professor, Karadeniz Technical University, Of Teknoloji Fakültesi, İnşaat Mühendisliği, 2014 - 2018

Research Assistant, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Civil Engineering, 2005 - 2011

Academic and Administrative Experience

Karadeniz Technical University, Of Teknoloji Fakültesi, İnşaat Mühendisliği, 2015 - Continues
Head of Department, Karadeniz Technical University, Of Teknoloji Fakültesi, İnşaat Mühendisliği, 2018 - 2021
Deputy Head of Department, Karadeniz Technical University, Of Teknoloji Fakültesi, İnşaat Mühendisliği, 2018 - 2021
Head of Department, Karadeniz Technical University, Of Teknoloji Fakültesi, İnşaat Mühendisliği, 2018 - 2018
Deputy Head of Department, Karadeniz Technical University, Of Teknoloji Fakültesi, İnşaat Mühendisliği, 2017 - 2018

Courses

Final Project, Undergraduate, 2020 - 2021
Foundation Engineering, Undergraduate, 2019 - 2020
Engineering Geology, Undergraduate, 2019 - 2020
Soil Mechanics - I, Undergraduate, 2020 - 2021
Retaining Structures, Undergraduate, 2019 - 2020
BASIC INFORMATION TECHNOLOGIES, Undergraduate, 2020 - 2021
STABILIZATION OF SOILS, Undergraduate, 2020 - 2021
Engineering Drawing, Undergraduate, 2020 - 2021
CONSTRUCTION MACHINERY, Undergraduate, 2020 - 2021
Soil Mechanics - II, Undergraduate, 2019 - 2020
Architectural Knowledge, Undergraduate, 2019 - 2020
Construction Legislation, Undergraduate, 2019 - 2020
COMPUTER AIDED DESIGN I, Undergraduate, 2019 - 2020

Jury Memberships

Doctorate, Doktora Tezi Savunma Sınavı Jürisi, KTÜ Fen Bilimleri Enstitüsü, August, 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Permeability of high plasticity clayey soil stabilized with lime and perlite**
ŞADOĞLU E., ÇALIK Ü.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.2, pp.551-561, 2020 (Journal Indexed in SCI)
- II. **Classification, shear strength, and durability of expansive clayey soil stabilized with lime and perlite**
Calik U., ŞADOĞLU E.
NATURAL HAZARDS, vol.71, no.3, pp.1289-1303, 2014 (Journal Indexed in SCI)
- III. **Engineering properties of expansive clayey soil stabilized with lime and perlite**
Calik U., ŞADOĞLU E.
GEOMECHANICS AND ENGINEERING, vol.6, no.4, pp.403-418, 2014 (Journal Indexed in SCI)
- IV. **Experimental and numerical investigation of slope stabilization by stone columns**
Vekli M., Aytakin M., İKİZLER S. B. , Calik U.
NATURAL HAZARDS, vol.64, no.1, pp.797-820, 2012 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Taş Kolonla İyileştirilmiş Şevlerin Stabilite Analizi**
Vekli M., Aytakin M., İKİZLER S. B. , ÇALIK Ü.
ERCİYES ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.28, no.2, pp.88-96, 2012 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

I. COMPRESSIBILITY PROPERTIES OF COHESIVE SOILS STABILIZED WITH PERLITE AND PERLITE-LIME COMBINATIONS

Çalık Ü., Şadođlu E., Kuvat A.

INTERNATIONAL CIVIL ENGINEERING AND ARCHITECTURE CONGRESS, Trabzon, Turkey, 17 - 20 April 2019, pp.674-682

II. Experimental Investigation on Bearing Capacity and Settlement Behavior of Slopes Improved by Stone Columns

VEKLI M., AYTEKIN M., İKİZLER S. B. , ÇALIK Ü., DEMİR G.

9th International Congress on Advances in Civil Engineering, Karadeniz Technical University, Trabzon, Turkey, 27 - 30 September 2010, vol.1, pp.1-8

Scientific Refereeing

Geomechanics and Engineering, An International Journal, SCI Journal, February 2017

Citations

Total Citations (WOS):60

h-index (WOS):3

Non Academic Experience

Other Public Institution, Karayolları Genel Müdürlüğü 10. Bölge Müdürlüğü