

Asst. Prof. ELİF ÇİÇEK

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 239065

Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği, Turkey 2004 - 2011

Undergraduate, Ataturk University, Mühendislik Fakültesi, İnşaat Mühendisliği, Turkey 2000 - 2004

Foreign Languages

English, C1 Advanced

Research Areas

Civil Engineering, Transportation Engineering, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Hacettepe University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2015 - 2018

Academic and Administrative Experience

Hacettepe Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2015 - Continues

Courses

OCCUPATIONAL HEALTH and SAFETY I, Undergraduate, 2017 - 2018

ROAD SAFETY ENGINEERING, Undergraduate, 2017 - 2018

INTRODUCTION TO CIVIL ENGINEERING, Undergraduate, 2017 - 2018

PUBLIC TRANSPORTATION SYSTEMS, Postgraduate, 2017 - 2018

Transportation Engineering, Undergraduate, 2016 - 2017

Introduction to civil engineering, Undergraduate, 2016 - 2017

Materials of Construction I, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of traffic accident injury severity prediction models with explainable machine learning**
ÇİÇEK E., AKIN M., Uysal F., Topcu Aytas R.
Transportation Letters, vol.15, no.9, pp.1043-1054, 2023 (SCI-Expanded)
- II. **Determining Geotextile Effects on Bearing Capacity Ratio and Cost of Pavement Layers by Conducting CBR Tests**
ÇİÇEK E., Buyukakin V.
JOURNAL OF NATURAL FIBERS, vol.19, no.15, pp.11270-11282, 2022 (SCI-Expanded)
- III. **Experimental and theoretical investigation for highways incorporating geotextile design methodology**
ÇİÇEK E.
ROAD MATERIALS AND PAVEMENT DESIGN, vol.21, no.4, pp.965-984, 2020 (SCI-Expanded)
- IV. **The effects of different types of fibres and geotextiles for pavement design**
ÇİÇEK E.
ROAD MATERIALS AND PAVEMENT DESIGN, vol.20, no.4, pp.793-814, 2019 (SCI-Expanded)
- V. **Mitigating the cracks in concrete pavements**
ÇİÇEK E.
CEMENT WAPNO BETON, vol.23, no.6, pp.453-468, 2018 (SCI-Expanded)
- VI. **Simple design models for bearing ratio of sand reinforced using different geosynthetics**
ÇİÇEK E., Guler E., Yetimoglu T.
ARABIAN JOURNAL OF GEOSCIENCES, vol.11, no.13, 2018 (SCI-Expanded)
- VII. **Stress Distribution below a Continuous Footing on Geotextile-Reinforced Soil**
ÇİÇEK E., Guler E., Yetimoglu T.
INTERNATIONAL JOURNAL OF GEOMECHANICS, vol.18, no.3, 2018 (SCI-Expanded)

Supported Projects

ÇİÇEK E., KÜÇÜKALİ S., Project Supported by Higher Education Institutions, Ulaştırma Anabilim Dalında Laboratuvar Deney Performans Araştırmaları, 2021 - 2022

ÇİÇEK E., Project Supported by Higher Education Institutions, Yol yapım araştırmalarında ölçek ve donatı kullanımının etkisi, 2017 - 2018

ÇİÇEK E., Project Supported by Higher Education Institutions, zemin yapı etkileşimi sempozyumu 2017, 2017 - 2017

ÇİÇEK E., Project Supported by Higher Education Institutions, öğretim üyeliğine geçiş desteği, 2015 - 2016

Metrics

Publication: 7

Citation (WoS): 6

H-Index (WoS): 2

Non Academic Experience

Boğaziçi Üniversitesi

Marmara Üniversitesi Eğitim Enstitüsü

İstanbul Teknik Üniversitesi