

## Asst. Prof. FERHAT ŞAHİNKAYA

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-5534-7058

Yoksis Researcher ID: 105438

### Education Information

Doctorate, Ondokuz Mayıs University, Turkey 2017 - 2022

Postgraduate, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2013 - 2016

### Dissertations

Doctorate, Investigation of the behavior of soils improved with stone columns under earthquake effect, Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, İnşaat Mühendisliği Anabilim Dalı, 2022

Postgraduate, Yüzen taş kolonlar ile iyileştirilmiş zeminlerin sismik yükler altındaki davranışının sayısal olarak incelenmesi, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2016

### Academic Titles / Tasks

Assistant Professor, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği, 2023 - Continues

Research Assistant, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği, 2013 - 2023

Research Assistant, Kahramanmaraş Sutcu Imam University, Faculty Of Engineering-Architecture, Department Of Civil Engineering, 2012 - 2013

### Academic and Administrative Experience

Deputy Head of Department, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği, 2023 - Continues

Head of Department, Yozgat Bozok University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği, 2023 - Continues

### Courses

Undergraduate, 2023 - 2024

Undergraduate, 2023 - 2024

Undergraduate, 2023 - 2024

Undergraduate, 2023 - 2024

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Numerical analysis of a finite slope improved with stone columns under the effect of earthquake force**  
ÇADIR C. C., Vekli M., ŞAHİNKAYA F.  
NATURAL HAZARDS, vol.106, no.1, pp.173-211, 2021 (SCI-Expanded)
- II. **Numerical analysis under seismic loads of soils improvement with floating stone columns**  
ŞAHİNKAYA F., Vekli M., ÇADIR C. C.  
NATURAL HAZARDS, vol.88, no.2, pp.891-917, 2017 (SCI-Expanded)
- III. **Effects of iron and chrome slag on the index compaction and strength parameters of clayey soils**  
Vekli M., ÇADIR C. C., ŞAHİNKAYA F.  
ENVIRONMENTAL EARTH SCIENCES, vol.75, no.5, 2016 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Investigation of The Effect of Asphalt Layer and Sub-Base Layer Thicknesses on Pavement Surface Deformation by The Finite Element Method**  
Bayazit M., Şahinkaya F.  
JOURNAL OF SCIENCE, TECHNOLOGY AND ENGINEERING RESEARCH, no.VOL. 5 NO. 1 (2024), pp.24-33, 2024  
(Peer-Reviewed Journal)

## **Supported Projects**

ŞAHİNKAYA F., ÇADIR C. C., Project Supported by Higher Education Institutions, Kenevir Lifleri ile Güçlendirilen Mermer Tozu Katkılı Yumuşak Kil Zeminlerin Davranışının İncelenmesi, 2022 - 2024  
ŞAHİNKAYA F., ÇADIR C. C., Project Supported by Higher Education Institutions, Taş Kolon İle İyileştirilmiş Şevlerin Sonlu Eleman Yöntemi ile Sismik Analizi, 2014 - 2016

## **Metrics**

Publication: 4  
Citation (WoS): 4  
Citation (Scopus): 4  
H-Index (WoS): 1  
H-Index (Scopus): 1

## **Non Academic Experience**

Business Establishment Private, EMİTAŞ, Şantiye