

Asst. Prof. ALPEREN TRKAY

Personal Information

Office Phone: [+90 346 219 1010](tel:+903462191010) Extension: 2443

Email: aturkay@cumhuriyet.edu.tr

Web: <https://avesis.cumhuriyet.edu.tr/4403>

International Researcher IDs

ORCID: 0000-0003-2952-1291

Yoksis Researcher ID: 107481

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstits, İaat Mhendislięi (Dr), Turkey 2013 - 2019

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstits, Deprem Mhendislięi (YI) (Tezli), Turkey 2009 - 2013

Undergraduate, Istanbul Technical University, İaat, İaat Mhendislięi, Turkey 2004 - 2009

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Betonarme Perdelerde Burulma Davranıının Analitik ve Deneysel Olarak İncelenmesi, Erciyes University, Fen Bilimleri Enstits, İaat Mhendislięi, 2019

Postgraduate, Bir Okul Binasının Tasarımı ve Deprem Performansının Belirlenmesi, Istanbul Technical University, Fen Bilimleri Enstits, Deprem Mhendislięi (YI) (Tezli), 2013

Research Areas

Structure

Academic Titles / Tasks

Research Assistant PhD, Sivas Cumhuriyet University, Mhendislik Fakltesi, İaat Mhendislięi, 2019 - Continues

Research Assistant, Sivas Cumhuriyet University, Mhendislik Fakltesi, İaat Mhendislięi Blm, 2012 - 2019

Courses

Betonarme - II, Undergraduate, 2019 - 2020

Yapı Dinamięi, Undergraduate, 2019 - 2020

Betonarme - II, Undergraduate, 2019 - 2020

Bitirme Ödevi, Undergraduate, 2019 - 2020

Yapı Dinamiği, Undergraduate, 2019 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of Critical Torque Values of Reinforced Concrete Walls Obtained from Tests, Finite Element Analyses and Various Standards**
TÜRKAY A., ALTUN F.
International Journal of Civil Engineering, vol.21, no.7, pp.1181-1194, 2023 (SCI-Expanded)
- II. **Experimental study of seismic torsional behavior of reinforced concrete walls**
TÜRKAY A., ALTUN F.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.20, pp.4213-4235, 2022 (SCI-Expanded)
- III. **Pushover analysis of prefabricated structures with various partially fixity rates**
Akkose M., SUNCA F., TÜRKAY A.
EARTHQUAKES AND STRUCTURES, vol.14, no.1, pp.21-32, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **BİR OKUL BİNASININ TASARIMI VE DEPREM PERFORMANSININ DEĞERLENDİRİLMESİ**
TÜRKAY A., GÜLER K.
International Journal of Innovative Engineering Applications, vol.1, no.2, pp.27-37, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Pounding Effects on Torsion Response of Adjacent Buildings Subjected to Near-Fault Ground Motions**
SUNCA F., TÜRKAY A., ALTUNIŞIK A. C.
International Civil Engineering and Architecture Conference, Trabzon, Turkey, 17 - 20 April 2019, pp.1097-1104
- II. **The Test Setup of Reinforced Concrete Wall Subjected to Pure Torsion**
TÜRKAY A., ALTUN F.
13th International Congress on Advances in Civil Engineering (ACE2018), İzmir, Turkey, 12 - 14 September 2018
- III. **Betonarme Perdelerde Burulma Davranışının Analitik ve Deneysel Olarak İncelenmesi**
TÜRKAY A., ALTUN F.
Ulusal 6. Yapı Mekaniği Laboratuvarları Toplantısı, Trabzon, Turkey, 17 - 18 November 2017
- IV. **Seismic Performance of Semi-Rigid Connected Prefabricated Structures**
AKKÖSE M., SUNCA F., TÜRKAY A.
4th International Symposium on Innovative Technologies in Engineering and Science, Antalya, Turkey, 3 - 05 November 2016
- V. **Evaluation of Seismic Performance of Prefabricated Structures Using Pushover Analysis**
SUNCA F., AKKÖSE M., TÜRKAY A.
International Conference on Civil and Environmental Engineering, Nevşehir, Turkey, 20 - 23 May 2015
- VI. **The Design and Earthquake Performance Assessment of a School Building**
TÜRKAY A., GÜLER K.
11th International Congress on Advances in Civil Engineering (ACE2014), İstanbul, Turkey, 21 - 25 October 2014
- VII. **The Design of a School Building and Comparison of Target Displacements Obtained from Various Documents**
TÜRKAY A., GÜLER K.
Second European Conference on Earthquake Engineering and Seismology, İstanbul, Turkey, 25 - 29 August 2014

Supported Projects

Türkay A., Altun F., Project Supported by Higher Education Institutions, BETONARME PERDELERDE BURULMA DAVRANIŞININ ANALİTİK VE DENEYSEL OLARAK İNCELENMESİ, 2016 - 2019

Metrics

Publication: 11

Citation (WoS): 4

Citation (Scopus): 4

H-Index (WoS): 1

H-Index (Scopus): 1

Non Academic Experience

ÇEVRE VE ŞEHİRCİLİK BAKANLIĞI REHBERLİK VE TEFTİŞ BAŞKANLIĞI