

Asst. Prof. ZELİHA TONYALI

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Anabilim Dalı, Turkey 2011 - 2017

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Anabilim Dalı, Turkey 2008 - 2011

Undergraduate, Karadeniz Technical University, Gümüşhane Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 2004 - 2008

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, BİRLEŞTİRİLMİŞ SONLU ELEMAN-SINIR ELEMAN YÖNTEMLERİYLE MODELLENEN KABLOLU KÖPRÜLERİN STOKASTİK ANALİZİ, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2017

Postgraduate, ELASTİK ZEMİNE OTURAN KABLOLU KÖPRÜLERİN STOKASTİK ANALİZİ, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2011

Research Areas

Civil Engineering, Structure, Structural Engineering, Earthquake Engineering, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Recep Tayyip Erdogan University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, Recep Tayyip Erdogan University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2017 - 2018

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2012 - 2017

Academic and Administrative Experience

Recep Tayyip Erdogan University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Spatially variable effects on seismic response of the cable-stayed bridges considering local soil site conditions**
Tonyali Z., ATEŞ Ş., ADANUR S.
STRUCTURAL ENGINEERING AND MECHANICS, vol.70, no.2, pp.143-152, 2019 (SCI-Expanded)
- II. **Effectiveness of Soil-Structure Interaction and Dynamic Characteristics on Cable-Stayed Bridges Subjected to Multiple Support Excitation**
ATEŞ Ş., Tonyali Z., SOYLUK K., Samberou A. M. S.
INTERNATIONAL JOURNAL OF STEEL STRUCTURES, vol.18, no.2, pp.554-568, 2018 (SCI-Expanded)
- III. **Soil-structure-foundation effects on stochastic response analysis of cable-stayed bridges**
KUYUMCU Z., ATEŞ Ş.
STRUCTURAL ENGINEERING AND MECHANICS, vol.43, no.5, pp.637-655, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Dynamic Response of Concentrically Braced Steel Frames to Pulse Period in Near-Fault Ground Motions**
Tonyali Z., Yurdakul M., Sesli H.
Turkish Journal of Science and Technology, vol.17, no.2, pp.357-373, 2022 (Peer-Reviewed Journal)
- II. **Performance Analysis of a Reinforced Concrete Frame System According to TBEC-2018**
KURT Z., TONYALI Z.
Sciennovation, vol.1, no.2, pp.6-22, 2020 (Peer-Reviewed Journal)
- III. **Dynamic Response of a Reinforced Concrete Minaret**
GÜNAYDIN M., TONYALI Z.
Journal of Structural Engineering & Applied Mechanics, vol.1, no.2, pp.62-72, 2018 (Peer-Reviewed Journal)
- IV. **The coupling finite-boundary element method for soil-structure interaction under spatially varying ground motion**
TONYALI Z., ATEŞ Ş.
JOURNAL OF STRUCTURAL ENGINEERING&APPLIED MECHANICS, vol.1, no.1, pp.6-21, 2018 (Peer-Reviewed Journal)
- V. **Comparative Study of Non-Isolated and Isolated Bridge with TCFP Bearing Under Spatially Varying Ground Motions**
YURDAKUL M., ATEŞ Ş., TONYALI Z.
International Journal of Computational and Experimental Science and Engineering, vol.3, no.2, pp.29-32, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A study on the investigation of the effects of near and far fault on a RC building**
Tonyali Z., Yurdakul M., Sesli H.
10th International Istanbul Scientific Research Congress, İstanbul, Turkey, 23 - 25 July 2022, pp.505-514
- II. **Dynamic Analysis of Steel Highway Bridge Under Multi-Supported Excitations**
KURT Z., TONYALI Z., ATEŞ Ş.
8. Uluslararası Çelik Yapılar Sempozyumu, 24 - 26 October 2019
- III. **The Effects of Reinforcing Guide Bars in RC Slabs**
TONYALI Z., GÜRBÜZ A., ZEYTİN M.
3rd International Conference on Advanced Engineering Technologies, 19 - 21 September 2019
- IV. **Comparative Study of Non-Isolated and Isolated Bridge with TFP Bearing Under Spatially Varying**

Ground Motions

YURDAKUL M., ATEŞ Ş., TONYALI Z.

4th International Conference on Computational and Experimental Science and Engineering, Antalya, Turkey, 4 - 08 October 2017, pp.29-32

- V. **A Study: Comparison of Finite Element and The Coupling Finite-Boundary Element Methods**
TONYALI Z., ATEŞ Ş.
International Conference on Advance Engineering Technologies, Bayburt, Turkey, 21 - 23 September 2017, pp.57-64
- VI. **Sonlu Eleman ve Birleştirilmiş Sonlu-Sınır Eleman Yöntemlerinin Karşılaştırılmasını İçeren Bir Çalışma**
TONYALI Z., ATEŞ Ş.
2nd International Conference on Advanced Engineering Technologies, Bayburt, Turkey, 21 - 23 September 2017
- VII. **Uniform Yer Hareketlerine Maruz Eğik Askılı Köprünün Dinamik Davranışı**
YURDAKUL M., TONYALI Z., ATMACA B., ATEŞ Ş.
Mühendislikte Yeni Teknolojiler Sempozyumu, Bayburt, Turkey, 22 - 25 October 2015, pp.67
- VIII. **Mesnetlerinden Farklı Yer Hareketlerine Maruz Kablolu Köprülerde Kablo Davranışlarının İncelenmesi**
TONYALI Z., ATMACA B., YURDAKUL M., ATEŞ Ş.
Mühendislikte Yeni Teknolojiler Sempozyumu, Bayburt, Turkey, 22 - 25 October 2015, pp.56-66
- IX. **Mesnetlerinden Farklı Yer Hareketlerine Maruz Kablolu Köprülerin Stokastik Analizi**
TONYALI Z., ATEŞ Ş., ADANUR S.
3. Köprüler ve Viyadükler Sempozyumu, Bursa, Turkey, 8 - 10 May 2015, pp.1
- X. **Effects Of Soil-Foundation-Bridge Interaction Subjected To Spatially Varying Earthquake Ground Motion**
KUYUMCU Z., ATEŞ Ş.
2nd International Balkans Conference on Challenges of Civil Engineering, Tiran, Albania, 23 - 25 May 2013, pp.19
- XI. **Kablolu Köprülerin Stokastik Davranışlarına Temel-Zemin Sisteminin Etkisi**
KUYUMCU Z., ATEŞ Ş., ADANUR S.
İnşaat Mühendisliği'nde 100. Yıl Teknik Kongresi, İstanbul, Turkey, 22 - 24 November 2012, pp.30-31
- XII. **Dalga Yayılma Etkisine Maruz Kablolu Köprü-Kazık Temel Sisteminin Stokastik Davranışı**
ATEŞ Ş., KUYUMCU Z.
2. Köprüler ve Viyadükler Sempozyumu, Eskişehir, Turkey, 28 - 30 September 2011, pp.75
- XIII. **Elastik Zemine Oturan Kablolu Köprülerin Stokastik Davranışı**
KUYUMCU Z., ATEŞ Ş.
7. Ulusal Deprem Mühendisliği Konferansı, İstanbul, Turkey, 31 May - 03 June 2011, pp.72-84

Metrics

Publication: 25

Citation (WoS): 24

Citation (Scopus): 29

H-Index (WoS): 3

H-Index (Scopus): 3