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Personal Information

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Education Information

Doctorate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü , Turkey 2000 - 2004

Post Graduate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü , Turkey 1997 - 2000

Under Graduate, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü , Turkey 1993 - 1997

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Değişerek yayılan yer hareketi etkisindeki toprak dolgu barajların lineer olmayan stokastik analizi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü , 2004

Post Graduate, Toprak dolgu barajların Drucker-Prager ve Eğri Tanımlama Yöntemleriyle lineer olmayan deprem analizi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği Bölümü , 2000

Research Areas

Civil Engineering, Structure, Earthquake Engineering, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü , 2011 - 2016

Associate Professor, Pennsylvania State University, Division Of Structural And Earthquake Engineering, Civil And Environmental Engineering, 2013 - 2014

Assistant Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü , 2009 - 2011

Research Assistant PhD, Ondokuz Mayıs University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü , 2005 - 2009

Research Assistant, Karadeniz Technical University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2000 - 2004

Research Assistant, Ondokuz Mayıs University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü , 1999 - 2000

Academic and Administrative Experience

Ondokuz Mayıs University, 2015 - 2016

Ondokuz Mayıs University, 2014 - 2015

Ondokuz Mayıs University, 2011 - 2014

Ondokuz Mayıs University, 2011 - 2014

Ondokuz Mayıs University, 2012 - 2013

Ondokuz Mayıs University, 2012 - 2013

Courses

İstatistik, Under Graduate, 2018 - 2019

Deprem Mühendisliğinde Zemin-Yapı etkileşimi, Doctorate, 2018 - 2019

Yapı Dinamiğine Giriş, Under Graduate, 2018 - 2019

Advising Theses

HACİEFENDİOĞLU K., Tarihi köprülerin dinamik analizlerinin deneysel ve sonlu elemanlar yöntemleri ile incelenmesi, Post Graduate, M.KURT(Student), 2016

HACİEFENDİOĞLU K., Patlatma kaynaklı yer hareketi etkisindeki ayaklı su depolarının lineer olmayan dinamik analizi, Post Graduate, O.Köksal(Student), 2015

Jury Memberships

Post Graduate, Derin Kazılarda Farklı İksa Sistemlerinin Tasarımının ve Deformasyonlarının İncelenmesi, ONDOKUZ MAYIS ÜNİVERSİTESİ, March, 2015

Post Graduate, Behavior of Self-Compacting Steel Fibers Concrete Under the Influence of Hot and Cold Condition, ONDOKUZ MAYIS ÜNİVERSİTESİ, February, 2015

Post Graduate, Orta Ve Doğu Karadeniz Bölgesinde Heyelanlar İçin Sınır Yağış Miktarı Değerlerinin Belirlenmesi, ONDOKUZ MAYIS ÜNİVERSİTESİ, June, 2011

Post Graduate, Anlamsal Web Servislerine Dayalı bir Acil Durum Yönetim Sisteminin Tasarlanması ve Geliştirilmesi, KARADENİZ TEKNİK ÜNİVERSİTESİ, February, 2011

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

- I. **Concrete Road Crack Detection Using Deep Learning-Based Faster R-CNN Method**
HACİEFENDİOĞLU K., BAŞAĞA H. B.
IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING, 2021 (Journal Indexed in SCI)
- II. **Automatic detection of earthquake-induced ground failure effects through Faster R-CNN deep learning-based object detection using satellite images**
Haciefendioğlu K., Başağa H. B. , Demir G.
NATURAL HAZARDS, vol.105, no.1, pp.383-403, 2021 (Journal Indexed in SCI)
- III. **Landslide detection using visualization techniques for deep convolutional neural network models**
HACİEFENDİOĞLU K., Demir G., BAŞAĞA H. B.
Natural Hazards, 2021 (Journal Indexed in SCI Expanded)
- IV. **Response surface-based finite-element model updating of a historic masonry minaret for operational modal analysis**
ALPASLAN E., HACİEFENDİOĞLU K., DEMİR G., BİRİNCİ F.
STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, vol.29, no.9, 2020 (Journal Indexed in SCI)
- V. **Experimental modal investigation of scaled minaret embedded in different soil types**
Haciefendioğlu K., Alpaslan E., Demir G., Dinc B., Birinci F.
GRADEVINAR, vol.70, no.3, pp.201-212, 2018 (Journal Indexed in SCI)

- VI. **Probabilistic analysis of historic masonry bridges to random ground motion by Monte Carlo Simulation using Response Surface Method**
HACIEFENDİOĞLU K., BAŞAĞA H. B. , BANERJEE S.
CONSTRUCTION AND BUILDING MATERIALS, vol.134, pp.199-209, 2017 (Journal Indexed in SCI)
- VII. **Stochastic dynamic response of short-span highway bridges to spatial variation of blasting ground vibration**
Haciefendioglu K.
APPLIED MATHEMATICS AND COMPUTATION, vol.292, pp.194-209, 2017 (Journal Indexed in SCI)
- VIII. **Photogrammetry in Documentation and Ambient Vibration Test of Historical Masonry Minarets**
Haciefendioglu K., Maras E. E.
EXPERIMENTAL TECHNIQUES, vol.40, no.6, pp.1527-1537, 2016 (Journal Indexed in SCI)
- IX. **Dynamic assessment of partially damaged historic masonry bridges under blast-induced ground motion using multi-point shock spectrum method**
Haciefendioglu K., Koc V.
APPLIED MATHEMATICAL MODELLING, vol.40, pp.10088-10104, 2016 (Journal Indexed in SCI)
- X. **Stochastic dynamic analysis of a historical masonry bridge under surface blast-induced multi-point ground motion**
Haciefendioglu K., Banerjee S., Soyluk K., Alpaslan E.
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, vol.29, no.5, pp.1275-1286, 2015 (Journal Indexed in SCI)
- XI. **Multi-point response spectrum analysis of a historical bridge to blast ground motion**
Haciefendioglu K., BANERJEE S., Soyluk K., Koksal O.
STRUCTURAL ENGINEERING AND MECHANICS, vol.53, no.5, pp.897-919, 2015 (Journal Indexed in SCI)
- XII. **Stochastically simulated blast-induced ground motion effects on nonlinear response of an industrial masonry chimney**
Haciefendioglu K., Alpaslan E.
Stochastic Environmental Research and Risk Assessment, vol.28, no.2, pp.415-427, 2014 (Journal Indexed in SCI)
- XIII. **The effect of seasonally frozen soil on stochastic response of elevated water tank under random excitation**
Haciefendioglu K., Kartal M. E. , Karaca Z.
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, vol.27, no.4, pp.807-818, 2013 (Journal Indexed in SCI)
- XIV. **Stochastic seismic response analysis of offshore wind turbine including fluid-structure-soil interaction**
Haciefendioglu K.
STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, vol.21, no.12, pp.867-878, 2012 (Journal Indexed in SCI)
- XV. **Effects of blast-induced random ground motions on the stochastic behaviour of industrial masonry chimneys**
Haciefendioglu K., Soyluk K.
STRUCTURAL ENGINEERING AND MECHANICS, vol.43, no.6, pp.835-845, 2012 (Journal Indexed in SCI)
- XVI. **Numerical investigation of stochastic response of an elevated water tank to random underground blast loading**
Haciefendioglu K., Soyluk K., Birinci F.
STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT, vol.26, no.4, pp.599-607, 2012 (Journal Indexed in SCI)
- XVII. **Comparison of Stochastic Responses of Asphaltic Concrete Core and Asphaltic Lining Dams with Clay Core Dams to Stationary and Nonstationary Excitation**
Haciefendioglu K., Soyluk K., Birinci F.
ADVANCES IN STRUCTURAL ENGINEERING, vol.15, no.1, pp.91-105, 2012 (Journal Indexed in SCI)
- XVIII. **Deconvolution effect of near-fault earthquake ground motions on stochastic dynamic response of**

tunnel-soil deposit interaction systems

Haciefendioglu K.

NATURAL HAZARDS AND EARTH SYSTEM SCIENCES, vol.12, no.4, pp.1151-1157, 2012 (Journal Indexed in SCI)

- XIX. **Stochastic dynamic response of masonry minarets subjected to random blast and earthquake-induced ground motions**
Haciefendioglu K., Birinci F.
STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, vol.20, no.6, pp.669-678, 2011 (Journal Indexed in SCI)
- XX. **Effect of Ice Sheet on Stochastic Response of Offshore Wind Turbine-Seawater-Soil Interaction Systems Subjected to Random Seismic Excitation**
Haciefendioglu K., Bayraktar A.
JOURNAL OF COLD REGIONS ENGINEERING, vol.25, no.3, pp.115-132, 2011 (Journal Indexed in SCI)
- XXI. **Nonlinear Response of Earthfill Dams to Spatially Varying Ground Motion Including Site Response Effect**
Haciefendioglu K., Soyluk K.
ADVANCES IN STRUCTURAL ENGINEERING, vol.14, no.2, pp.223-234, 2011 (Journal Indexed in SCI)
- XXII. **Seismic response of concrete gravity dam-ice covered reservoir-foundation interaction systems**
Haciefendioglu K., Bayraktar A., Tuerker T.
STRUCTURAL ENGINEERING AND MECHANICS, vol.36, no.4, pp.499-511, 2010 (Journal Indexed in SCI)
- XXIII. **Estimation of stochastic nonlinear dynamic response of rock-fill dams with uncertain material parameters for non-stationary random seismic excitation**
Haciefendioglu K., Bayraktar A., BAŞAĞA H. B.
NONLINEAR DYNAMICS, vol.61, pp.43-55, 2010 (Journal Indexed in SCI)
- XXIV. **Effect of material uncertainty on stochastic response of dams**
Haciefendioglu K.
PROCEEDINGS OF THE INSTITUTION OF CIVIL ENGINEERS-GEOTECHNICAL ENGINEERING, vol.163, no.2, pp.83-89, 2010 (Journal Indexed in SCI)
- XXV. **Deconvolved Stochastic Seismic Excitation Effect on the Nonlinear Response of Asphaltic Lining Dam-Foundation Interaction Systems**
Haciefendioglu K.
ADVANCES IN STRUCTURAL ENGINEERING, vol.13, no.1, pp.127-137, 2010 (Journal Indexed in SCI)
- XXVI. **Seasonally frozen soil's effect on stochastic response of masonry minaret-soil interaction systems to random seismic excitation**
Haciefendioglu K.
COLD REGIONS SCIENCE AND TECHNOLOGY, vol.60, no.1, pp.66-74, 2010 (Journal Indexed in SCI)
- XXVII. **Stochastic response of concrete faced rockfill dams including partially ice-covered reservoir-foundation interaction under spatially varying seismic waves**
Haciefendioglu K.
COLD REGIONS SCIENCE AND TECHNOLOGY, vol.58, pp.57-67, 2009 (Journal Indexed in SCI)
- XXVIII. **Stochastic dynamic response of dam-reservoir-foundation systems to spatially varying earthquake ground motions**
Bilici Y., Bayraktar A., Soyluk K., Haciefendioglu K., ATEŞ Ş., Adanur S.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.29, no.3, pp.444-458, 2009 (Journal Indexed in SCI)
- XXIX. **The effects of ice cover on stochastic response of concrete gravity dams to multi-support seismic excitation**
Haciefendioglu K., Bayraktar A., Bilici Y.
COLD REGIONS SCIENCE AND TECHNOLOGY, vol.55, no.3, pp.295-303, 2009 (Journal Indexed in SCI)
- XXX. **Stochastic response of underground structures**
Haciefendioglu K., BAYRAKTAR A.
Proceedings of the Institution of Civil Engineers: Geotechnical Engineering, vol.161, no.6, pp.325-339, 2008 (Journal Indexed in SCI Expanded)
- XXXI. **Nonlinear analysis of rock-fill dams to non-stationary excitation by the stochastic Wilson-theta**

method

Haciefendioglu K., BAŞAĞA H. B. , Bayraktar A., ATEŞ Ş.

APPLIED MATHEMATICS AND COMPUTATION, vol.194, no.2, pp.333-345, 2007 (Journal Indexed in SCI)

XXXII. **Transient stochastic analysis of nonlinear response of earth and rock-fill dams to spatially varying ground motion**

Haciefendioglu K.

STRUCTURAL ENGINEERING AND MECHANICS, vol.22, no.6, pp.647-664, 2006 (Journal Indexed in SCI)

XXXIII. **Asynchronous seismic analysis of concrete-faced rockfill dams including dam-reservoir interaction**

Bayraktar A., Haciefendioglu K., Muvafik M.

CANADIAN JOURNAL OF CIVIL ENGINEERING, vol.32, no.5, pp.940-947, 2005 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Stochastic Dynamic Analysis of Historical Structures subjected to Traffic-induced Ground Motion using Non-destructive Methods**
Haciefendioglu K.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.10, no.2, pp.298-308, 2020 (National Refreed University Journal)
- II. **Blast-induced ground motion effect on dynamic response of a cylindrical vertical water tank with piled raft foundation**
Haciefendioglu K., Demir G., Altunışık A. C.
Challenge Journal of Structural Mechanics, vol.6, no.3, pp.120-131, 2020 (Refereed Journals of Other Institutions)
- III. **Investigation of seasonal low temperature effects on dynamic behavior of prototype reinforced concrete minaret by using experimental and numerical studies**
HACIEFENDİOĞLU K., Birinci F.
Journal of Structural Engineering & Applied Mechanics, vol.2, no.3, pp.143-152, 2019 (National Refreed University Journal)
- IV. **Influence of soil conditions on the stochastic response of asphaltic lining dams to spatially varying ground motions**
HACIEFENDİOĞLU K.
Journal of Structural Engineering & Applied Mechanics, vol.1, no.4, pp.155-163, 2019 (International Refreed University Journal)
- V. **Modal Identification of a Reduced-Scale Masonry Arch Bridge with Experimental Measurements and Finite Element Method**
ALPASLAN E., DİNÇ B., HACIEFENDİOĞLU K., DEMİR G., KÖKSAL O.
Challenge Journal of Structural Mechanics, vol.3, no.3, pp.108-115, 2017 (Refereed Journals of Other Institutions)
- VI. **Influence of blast induced ground motion on dynamic response of masonry minaret of Yörgüç Paşa Mosque**
KÖKSAL O., HACIEFENDİOĞLU K., ALPASLAN E., BİRİNCİ F.
Challenge Journal of Structural Mechanics, vol.3, no.1, pp.31-37, 2017 (Refereed Journals of Other Institutions)
- VII. **Tarihi Köprülerin Dokümantasyonu için Dijital Fotogrametri ile 3B Modellerinin Oluşturulması ve Dinamik Analizlerinin Yapılması (Tarihi Kurt Köprü Örneği)**
Maraş E. E. , HACIEFENDİOĞLU K., Birinci F., Uslu G.
HARİTA DERGİSİ, vol.82, no.155, pp.1-11, 2016 (National Refreed University Journal)
- VIII. **Seismic analysis of offshore wind turbine including fluid structure soil interaction**
HACIEFENDİOĞLU K., BİRİNCİ F.
CHALLENGE JOURNAL OF STRUCTURAL MECHANICS, vol.1, no.4, pp.198-201, 2015 (Refereed Journals of Other Institutions)
- IX. **Shear strain related non linear stochastic dynamic analysis of rock fill dams**
HACIEFENDİOĞLU K., AKKÖSE M., BAYRAKTAR A., DUMANOĞLU A. A.

CHALLENGE JOURNAL OF STRUCTURAL MECHANICS, vol.1, no.2, pp.59-64, 2015 (Refereed Journals of Other Institutions)

- X. **Toprak dolgu barajların Drucker Prager Yöntemi ile lineer olmayan dinamik analizi**
DUMANOĞLU A. A. , HACIEFENDİOĞLU K.
Teknik Dergi, TMMOB İnşaat Mühendisleri Odası, vol.14, no.1, pp.2803-2818, 2003 (Other Refereed National Journals)
- XI. **Nonlinear dynamic analysis of earthfill dams by Drucker Prager Method**
DUMANOĞLU A. A. , HACIEFENDİOĞLU K.
Technical Journal, Turkish Chamber of Civil Engineers, vol.14, pp.851-864, 2003 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Sample Applications using Deep Learning Algorithms in Civil Engineering**
Haciefendioğlu K.
Uluslararası İzmir Demokrasi Üniversitesi Mühendislik Sempozyumu (IES'20) , İzmir, Turkey, 5 - 13 December 2020, pp.1-8
- II. **Değişerek Yayılan Yer Hareketi Etkisi Altındaki Karayolu Köprülerinin Dinamik Davranışı**
HACIEFENDİOĞLU K., ALTUNIŞIK A. C. , Soyuluk K.
4. Köprüler ve Viyadükler Sempozyumu, Ankara, Turkey, 1 - 02 November 2019, pp.33
- III. **Shock- Spectrum Analysis of Historical Masonry Minarets**
HACIEFENDİOĞLU K., Alpaslan E., Birinci F., Demir G.
International Civil Engineering and Architecture Conference (ICEARC'19), Trabzon, Turkey, 17 - 20 April 2019, pp.1491-1501
- IV. **Stochastic Dynamic Response of Short-Span Highway Bridges to Spatially Varying Blast Ground Motion**
HACIEFENDİOĞLU K.
International Civil Engineering and Architecture Conference (ICEARC'19), Trabzon, Turkey, 17 - 20 April 2019, pp.1479-1490
- V. **Determination of Modal Parameters of Historical Masonry Minarets by using Operational Modal Analysis**
HACIEFENDİOĞLU K., Demir G., Alpaslan E.
Proceedings of the World Congress on Civil, Structural, and Environmental Engineering (CSEE'16, icsenm16.104), Prague, Czech Republic, 30 - 31 March 2016, pp.1-8
- VI. **Evaluation of Liquefaction Potential of a Coastal Region in Atakum**
Ertek M., Demir G., HACIEFENDİOĞLU K., İkizler B.
Proceedings of the World Congress on Civil, Structural, and Environmental Engineering (CSEE'16, icsenm16.104), Prague, Czech Republic, 30 - 31 March 2016, pp.1-8
- VII. **Evaluation of liquefaction potential of a coastal region in atakum**
Ertek M. K. , Demir G., Haciefendioğlu K., İKİZLER S. B.
Proceedings of the World Congress on Civil, Structural, and Environmental Engineering, CSEE 2016, Prague, Czech Republic, 30 - 31 March 2016
- VIII. **TARİHİ YAPILARDA LOKAL GÜÇLENDİRMEYE BAĞLI LOKAL RİJİTLİK ARTIŞININ YAPI DAVRANIŞINA ETKİSİ**
ALPASLAN E., HACIEFENDİOĞLU K., BİRİNCİ F., MAKSUT K.
3. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, Turkey, 14 - 16 October 2015, pp.1-11
- IX. **NÜFUS İDARİ YAPI PLAN KENTLEŞME YAPILAŞMA PERSPEKTİFİNDEN TÜRKİYE NİN DEPREM AFET RİSKİ ANALİZİ VE ÇÖZÜM ÖNERİLERİ**
BİRİNCİ F., HACIEFENDİOĞLU K.
3. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, Turkey, 14 - 16 October 2015, pp.1-8

- X. **Seasonally Cold Effect on Concrete Minaret Subjected to Stochastic Random Excitation**
HACIEFENDİOĞLU K., ALPASLAN E., BİRİNCİ F.
International Civil Engineering & Architecture Symposium for Academicians, 17 - 20 May 2014
- XI. **Influence of Blast induced Ground Motion on Dynamic Response of CFR Dam Ice Covered Reservoir Interaction System**
HACIEFENDİOĞLU K., ALPASLAN E., KÖKSAL O.
International Civil Engineering & Architecture Symposium for Academicians, 17 - 20 May 2014
- XII. **Patlama Kaynaklı Yer Hareketi Etkisindeki Ayaklı Çelik Su Depolarının Dinamik Analizi**
HACIEFENDİOĞLU K., Köksal O.
2. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, Hatay, Turkey, 25 - 27 September 2013, pp.1-7
- XIII. **Nonlinear Behavior of Industrial Masonry Chimneys to Blast Induced Ground Vibration**
HACIEFENDİOĞLU K., ALPASLAN E., GÖKHAN S.
10th International Congress on Advances in Civil Engineering, 17 - 19 October 2012
- XIV. **Kısmi Hasarlı Tarihi Minarelerin Rastgele Deprem Etkisindeki Davranışları**
HACIEFENDİOĞLU K., KOÇ V., BİRİNCİ F.
ICONC2012, Uluslararası Yapı Kongresi, 11 - 13 October 2012
- XV. **Mevsimsel Soğuk Etkisindeki Betonarme Minarelerin Sismik Davranışlarının Deneysel Olarak İncelenmesi**
HACIEFENDİOĞLU K., BİRİNCİ F., KOÇ V.
ICONC2012, Uluslararası Yapı Kongresi, 11 - 13 October 2012
- XVI. **Effect of Surrounding Soil on Elasto Plastic Dynamic Response of Underground Structures to Near Fault Ground Motions**
HACIEFENDİOĞLU K., GÖKHAN S.
Third International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, 28 - 30 June 2012, pp.125-132
- XVII. **Influence of Soil Conditions on Stochastic Response of Dams to Spatially Varying Ground Motions**
HACIEFENDİOĞLU K., GÖKHAN S.
Third International Conference on New Developments in Soil Mechanics and Geotechnical Engineering, 28 - 30 June 2012, pp.331-338
- XVIII. **Barajların deprem güvenliği**
BAYRAKTAR A., SEVİM B., KARTAL M. E. , HACIEFENDİOĞLU K.
1. Türkiye Deprem Mühendisliği ve Sismoloji Konferansı, Turkey, 11 - 14 October 2011
- XIX. **Seismic Analysis of Offshore Wind Turbine including Fluid Structure Soil Interaction**
HACIEFENDİOĞLU K., BİRİNCİ F.
9th International Congress on Advances in Civil Engineering, 27 - 30 September 2010, pp.1-7
- XX. **Additional Effects of Settlements and Rotations on Buildings**
BİRİNCİ F., HACIEFENDİOĞLU K.
9th International Congress on Advances in Civil Engineering, 27 - 30 September 2010, pp.1-8
- XXI. **Influence of uncertainty of material parameters on stochastic dynamic response of asphaltic lining dam foundation systems to spatially varying ground motion**
HACIEFENDİOĞLU K., BİRİNCİ F.
Sakarya International Symposium of Earthquake Engineering, 1 - 02 October 2009, pp.418-428
- XXII. **Site response effects on stochastic behavior of the Bolu Tunnel under non uniform ground motion**
HACIEFENDİOĞLU K.
Sakarya International Symposium of Earthquake Engineering, 1 - 02 October 2009, pp.429-439
- XXIII. **Değişerek yayılan yer hareketinin baraj rezervuar temel sistemlerinin stokastik dinamik davranışına etkisi**
YASİN B., BAYRAKTAR A., SOYLUK K., HACIEFENDİOĞLU K.
Uluslararası Katılımlı II. Ulusal baraj Güvenliği Sempozyumu, Turkey, 13 - 15 May 2009, pp.607-620
- XXIV. **Deprem dalgası yayılma hızının üniform olmayan yer hareketine maruz toprak dolgu barajların sıvılaşma potansiyeli üzerindeki etkisi**

- HACIEFENDİOĞLU K., BAYRAKTAR A., KARTAL M. E.
Uluslararası Katılımlı II. Ulusal baraj Güvenliği Sempozyumu, Turkey, 13 - 15 May 2009, pp.633-644
- XXV. **Rezervuarda oluşan buz örtüsünün değişerek yayılan yer hareketine maruz ön yüzü beton kaplı kaya dolgu barajların stokastik davranışına etkisi**
HACIEFENDİOĞLU K., BAYRAKTAR A., KARTAL M. E.
Uluslararası Katılımlı II. Ulusal baraj Güvenliği Sempozyumu, Turkey, 13 - 15 May 2009, pp.515-526
- XXVI. **Deprem etkisindeki binaların güvenilirlik analizi**
BAŞAĞA H. B. , BAYRAKTAR A., KARTAL M. E. , HACIEFENDİOĞLU K.
Altıncı Ulusal Deprem Mühendisliği Konferansı, Turkey, 16 - 20 October 2007, pp.391-398
- XXVII. **The effect of deconvolved base rock input on stochastic dynamic response of isolated bridges with soil structure interaction**
ATEŞ Ş., HACIEFENDİOĞLU K., BAYRAKTAR A., DUMANOĞLU A. A.
10th World Conference on Seismic Isolation, Energy Dissipation and Active Vibrations Control of Structures, 28 - 31 May 2007, pp.1-6
- XXVIII. **Stasyonere olmayan rastgele yer hareketi etkisindeki kaya dolgu barajların lineer olmayan davranışı**
HACIEFENDİOĞLU K., BAYRAKTAR A.
1. Ulusal Baraj Güvenliği Sempozyumu, Turkey, 28 - 30 May 2007, pp.547-556
- XXIX. **Toprak dolgu barajların baraj rezervuar temel etkileşimi dikkate alınarak lineer olmayan deprem davranışlarının incelenmesi**
BAYRAKTAR A., ALTUNIŞIK A. C. , ATEŞ Ş., HACIEFENDİOĞLU K.
1. Ulusal Baraj Güvenliği Sempozyumu, Turkey, 28 - 30 May 2007, pp.351-362
- XXX. **Rezervuarların kaya dolgu barajların lineer olmayan deprem davranışına etkisi**
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