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Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1995 - 2001

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Energy based seismic evaluation of degrading systems, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2001

Research Areas

Civil Engineering, Mechanical, Structure, Engineering and Technology

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty Of Engineering, Department Of Civil Engineering, 2004 - Continues

Advising Theses

Erberik M. A. , Askan Gündoğan A., Effect of vertical ground motion on the performance of high-rise buildings, Postgraduate, E.KESKİN(Student), 2020

Erberik M. A. , Predefined damage patterns for limit analysis on nonengineered masonry buildings, Postgraduate, C.İÇEL(Student), 2019

SUCUOĞLU H., ERBERİK M. A. , ENERGY BASED SEISMIC ASSESSMENT AND DESIGN, Doctorate, F.SONER(Student), 2019

Erberik M. A. , Energy based evaluation of RC frame structures, Postgraduate, M.AZIZI(Student), 2019

Erberik M. A. , Askan Gündoğan A., Seismic performance of masonry buildings subjected to synthetic ground motions, Postgraduate, A.BAHADIR(Student), 2019

Erberik M. A. , Yılmaz M. T. , A lower-bound limit analysis solution for lateral load capacity of masonry walls, Postgraduate, D.KARADENİZ(Student), 2019

YILMAZ M. T. , ERBERİK M. A. , An Implementation of probabilistic seismic hazard analysis in selection of seismic coefficient for pseudostatic analysis of slope stability, Postgraduate, K.Gedikaslan(Student), 2017

ERBERİK M. A. , YILMAZ M. T. , An implementation of probabilistic seismic hazard analysis in selection of seismic coefficient for pseudo-static analysis of slope stability, Postgraduate, K.GEDİKASLAN(Student), 2017

ERBERİK M. A. , SEISMIC PERFORMANCE ASSESSMENT OF CONFINED MASONRY BUILDINGS, Postgraduate, C.ÇİTİLOĞLU(Student), 2016

ERBERİK M. A. , Seismic performance assessment of wide beam infill joist block frame structures in turkey, Postgraduate, E.KARAASLAN(Student), 2016

ERBERİK M. A. , ASKAN GÜNDOĞAN A., Derivation of site-specific uhs based on simulated ground motions and its parametric effects on building fragility, Doctorate, A.AZARI(Student), 2016

ERBERİK M. A. , Seismic performance assessment of wide beam infill joist block frame structures in Turkey, Postgraduate, E.Karaaslan(Student), 2015

ERBERİK M. A. , Performance evaluation of confined masonry walls, Postgraduate, G.ERKÖSEOĞLU(Student), 2014

ERBERİK M. A. , Seismic performance of confined masonry construction, Postgraduate, G.Erköseoğlu(Student), 2014

ERBERİK M. A. , ASKAN GÜNDOĞAN A., An approach for seismic damage assessment of residential buildings /, Postgraduate, C.DEMİRCİ(Student), 2014

ERBERİK M. A. , ASKAN GÜNDOĞAN A., An integrated seismic loss estimation methodology: A case study in Northwestern Turkey, Postgraduate, E.MÜGE(Student), 2011

ERBERİK M. A. , Seismic vulnerability of masonry structures in Turkey, Postgraduate, H.CERAN(Student), 2010

SUCUOĞLU H., ERBERİK M. A. , Energy based seismic performance assessment of reinforced concrete columns, Doctorate, B.ACUN(Student), 2010

ERBERİK M. A. , A simple seismic performance assessment technique for unreinforced brick masonry structures, Postgraduate, A.ALDEMİR(Student), 2010

ERBERİK M. A. , Fragility based assessment of lowrise and midrise reinforced concrete frame buildings in turkey using Düzce damage database, Postgraduate, A.Özün(Student), 2007

ERBERİK M. A. , A detailed analysis for evaluation of the degradation characteristics of simple structural systems, Postgraduate, B.Kurtman(Student), 2007

ERBERİK M. A. , Fragility based assessment of low-rise and mid-rise reinforced concrete frame buildings in Turkey using Düzce damage database, Postgraduate, A.ÖZÜN(Student), 2007

ERBERİK M. A. , Fragility based assessment of lowrise and midrise reinforced concrete frame buildings in Turkey, Postgraduate, B.ÖZER(Student), 2006

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

- I. **A case study for probabilistic seismic risk assessment of earthquake-prone old urban centers**
Altındal A., KARIM ZADEH NAGHSHINEH S., ERBERİK M. A. , ASKAN GÜNDOĞAN A., ANIL Ö., KOÇKAR M. K. , ŞAHMARAN M.
International Journal of Disaster Risk Reduction, vol.61, 2021 (Journal Indexed in SCI)
- II. **Seismic demands of bare and base-isolated steel frames for real against simulated records of a past earthquake**
Ozsarac V., Karimzadeh S., ASKAN GÜNDOĞAN A., ERBERİK M. A.
STRUCTURE AND INFRASTRUCTURE ENGINEERING, 2021 (Journal Indexed in SCI)
- III. **Derivation of analytical fragility curves using SDOF models of masonry structures in Erzincan (Turkey)**
Karimzadeh S., Kadas K., Askan A., Erberik M. A. , Yakut A.
EARTHQUAKES AND STRUCTURES, vol.18, pp.249-261, 2020 (Journal Indexed in SCI)
- IV. **Use of simulated ground motions for the evaluation of energy response of simple structural systems**
Karimzadeh S., Ozsarac V., Askan A., ERBERİK M. A.
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.123, pp.525-542, 2019 (Journal Indexed in SCI)
- V. **Seismic performance assessment of confined masonry construction at component and structure levels**
ERBERİK M. A. , Citiloglu C., Erkoseoglu G.

BULLETIN OF EARTHQUAKE ENGINEERING, vol.17, no.2, pp.867-889, 2019 (Journal Indexed in SCI)

- VI. **Seismic damage assessment based on regional synthetic ground motion dataset: a case study for Erzincan, Turkey**
Karimzadeh S., Askan A., Erberik M. A., Yakut A.
NATURAL HAZARDS, vol.92, pp.1371-1397, 2018 (Journal Indexed in SCI)
- VII. **The effect of structural variability and local site conditions on building fragility functions**
Sisi A. A., Erberik M. A., Askan A.
EARTHQUAKES AND STRUCTURES, vol.14, pp.285-295, 2018 (Journal Indexed in SCI)
- VIII. **Site-specific uniform hazard spectrum in Eastern Turkey based on simulated ground motions including near-field directivity and detailed site effects**
Sisi A. A., Askan A., Erberik M. A.
ACTA GEOPHYSICA, vol.65, pp.309-330, 2017 (Journal Indexed in SCI)
- IX. **Performance Assessment of Turkish Residential Buildings for Seismic Damage and Loss Estimation**
Un E. M., Erberik M. A., Askan A.
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.29, 2015 (Journal Indexed in SCI)
- X. **Blockage assessment of buildings during emergency using multiple types of sensors**
Ergen Pehlevan E., Guven G., KURÇ Ö., ERBERİK M. A., Ergin T., BİRGÖNÜL M. T., Akinci B.
AUTOMATION IN CONSTRUCTION, vol.49, pp.71-82, 2015 (Journal Indexed in SCI)
- XI. **Effect of out-of-plane behavior on seismic fragility of masonry buildings in Turkey**
Ceran H. B., ERBERİK M. A.
BULLETIN OF EARTHQUAKE ENGINEERING, vol.11, no.5, pp.1775-1795, 2013 (Journal Indexed in SCI)
- XII. **Seismic Performance Assessment of Unreinforced Masonry Buildings with a Hybrid Modeling Approach**
Aldemir A., ERBERİK M. A., Demirel I. O., SUCUOĞLU H.
EARTHQUAKE SPECTRA, vol.29, no.1, pp.33-57, 2013 (Journal Indexed in SCI)
- XIII. **Inelastic Displacement Response of RC Systems with Cyclic Deterioration-An Energy Approach**
ERBERİK M. A., SUCUOĞLU H., Acun B.
JOURNAL OF EARTHQUAKE ENGINEERING, vol.16, no.7, pp.937-962, 2012 (Journal Indexed in SCI)
- XIV. **A Methodology for Seismic Loss Estimation in Urban Regions Based on Ground-Motion Simulations**
Ugurhan B., Askan A., Erberik M. A.
BULLETIN OF THE SEISMOLOGICAL SOCIETY OF AMERICA, vol.101, pp.710-725, 2011 (Journal Indexed in SCI)
- XV. **8 March 2010 Elazig-Kovancilar (Turkey) Earthquake: Observations on Ground Motions and Building Damage**
Akkar S., Aldemir A., Askan A., Bakir S., Canbay E., Demirel I. O., Erberik M. A., Gülerce Z., Gulkan P., Kalkan E., et al.
SEISMOLOGICAL RESEARCH LETTERS, vol.82, no.1, pp.42-58, 2011 (Journal Indexed in SCI)
- XVI. **Importance of Degrading Behavior for Seismic Performance Evaluation of Simple Structural Systems**
ERBERİK M. A.
JOURNAL OF EARTHQUAKE ENGINEERING, vol.15, no.1, pp.32-49, 2011 (Journal Indexed in SCI)
- XVII. **Seismic Risk Assessment of Masonry Buildings in Istanbul for Effective Risk Mitigation**
Erberik M. A.
EARTHQUAKE SPECTRA, vol.26, no.4, pp.967-982, 2010 (Journal Indexed in SCI)
- XVIII. **Fragility-based assessment of typical mid-rise and low-rise RC buildings in Turkey**
Erberik M. A.
ENGINEERING STRUCTURES, vol.30, no.5, pp.1360-1374, 2008 (Journal Indexed in SCI)
- XIX. **Generation of fragility curves for Turkish masonry buildings considering in-plane failure modes**
Erberik M. A.
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.37, no.3, pp.387-405, 2008 (Journal Indexed in SCI)
- XX. **Vulnerability of Turkish low-rise and mid-rise reinforced concrete frame structures**
AY B. Ö., ERBERİK M. A.
JOURNAL OF EARTHQUAKE ENGINEERING, vol.12, pp.2-11, 2008 (Journal Indexed in SCI)
- XXI. **Fragility analysis of flat-slab structures**

- Erberik M. A. , Elnashai A.
ENGINEERING STRUCTURES, vol.26, no.7, pp.937-948, 2004 (Journal Indexed in SCI)
- XXII. **Seismic energy dissipation in deteriorating systems through low-cycle fatigue**
Erberik A., Sucuoglu H.
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.33, no.1, pp.49-67, 2004 (Journal Indexed in SCI)
- XXIII. **Energy-based hysteresis and damage models for deteriorating systems**
Sucuoglu H., Erberik A.
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.33, no.1, pp.69-88, 2004 (Journal Indexed in SCI)
- XXIV. **Statistical evaluation of the damage potential of earthquake ground motions**
Sucuoglu H., Yucemen S., Gezer A., Erberik A.
STRUCTURAL SAFETY, vol.20, no.4, pp.357-378, 1998 (Journal Indexed in SCI)
- XXV. **Performance evaluation of a three-storey unreinforced masonry building during the 1992 Erzincan earthquake**
Sucuoglu H., Erberik A.
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.26, no.3, pp.319-336, 1997 (Journal Indexed in SCI)

Books & Book Chapters

- I. **Rapid Seismic Assessment Procedures for the Turkish Building Stock**
YAKUT A., ERBERİK M. A. , İLKİ A., SUCUOĞLU H., AKKAR D. S.
in: Seismic Evaluation and Rehabilitation of Structures, Alper İlki, Michael N. Fardis, Editor, Springer, pp.15-35, 2014

Refereed Congress / Symposium Publications in Proceedings

- I. **Spatial Distribution of Hysteretic Energy in Reinforced Concrete Moment Resisting Frames**
ERBERİK M. A. , Azizi M.
1st International Workshop on Energy-Based Seismic Engineering, IWEBSE 2021, Madrid, Spain, 24 - 26 May 2021, pp.47-62
- II. **Türkiye'deki Yığma Binaların Genel Özelliklerine Dair Bir Çalışma**
Eroğlu Azak T., Erberik M. A.
5th International Conference on Earthquake Engineering and Seismology, Ankara, Turkey, 8 - 11 October 2019, pp.1-10
- III. **Energy-Based Evaluation of RC Frame Structures**
Azizi M., Erberik M. A.
5th International Conference on Earthquake Engineering and Seismology, Ankara, Turkey, 8 - 11 October 2019, pp.1-14
- IV. **Seismic Performance of Masonry Buildings Subjected to Synthetic Ground Motions**
Koç A. B. , Erberik M. A. , Askan Gündoğan A., Karım Zadeh Naghshineh S.
5th International Conference on Earthquake Engineering and Seismology, Ankara, Turkey, 8 - 11 October 2019, pp.1-11
- V. **Comparison of energy-based responses of structural systems to real and simulated ground motion records**
Ozsarac V., Karimzadeh S., Askan A., ERBERİK M. A.
7th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, COMPDYN 2019, Crete, Greece, 24 - 26 June 2019, vol.2, pp.2234-2243
- VI. **Comparison energy-based seismic structural responses based on simulated ground motions with existing empirical relationships**
Karimzadeh S., Askan A., Erberik M. A.

13th International Congress on Advances in Civil Engineering, İzmir, Turkey, 12 - 14 September 2018

- VII. **Comparison of energy-based seismic structural responses based on simulated ground motions with existing empirical relationships**

KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A., Erberik M. A.

13th Advances in Civil Engineering Congress (ACE), Cesme, Turkey, 12 - 14 September 2018

- VIII. **EVALUATION OF SEISMIC ENERGY IN SIMPLE STRUCTURAL SYSTEMS USING SIMULATED GROUND MOTIONS**

Karım Zadeh Naghshineh S., Ozsarac V., Askan Gündoğan A., Erberik M. A.

Eleventh U.S. National Conference on Earthquake Engineering , California, United States Of America, 25 - 29 June 2018, pp.295

- IX. **FRAGILITY CURVES FOR RC BUILDINGS OF DUZCE (TURKEY) USING SIMULATED RECORDS**

Kadas K., Karımzadeh S., Askan A., Erberik M. A. , Yakut A.

11th U.S. National Conference on Earthquake Engineering, California, United States Of America, 25 - 29 June 2018

- X. **THE COMPARISON OF DIFFERENT FRAGILITY CURVE GENERATION TECHNIQUES TO ESTIMATE OBSERVED DAMAGE DISTRIBUTIONS**

Karım Zadeh Naghshineh S., Kadas K., Askan A., Erberik M. A. , Yakut A.

16th European conference on earthquake engineering, Thessaloniki, Greece, 18 - 21 June 2018

- XI. **A comparative study on the seismic performances of unreinforced and confined masonry buildings**
ERBERİK M. A. , ÇİTİLOĞLU C., ERKÖSEOĞLU G.

16th European Conference on Earthquake Engineering, 18 - 21 June 2018

- XII. **Predefined damage patterns for limit analysis on non-engineered masonry buildings**
İÇEL C., ERBERİK M. A. , YILMAZ M. T.

16th European Conference on Earthquake Engineering, 18 - 21 June 2018

- XIII. **FROM SEISMIC SOURCES TO ENGINEERING DEMANDPARAMETERS: AN INTERDISCIPLINARY FRAMEWORK FORESTIMATION OF SEISMIC LOSSES IN URBAN REGIONS**

Askan A., Asten M., Erberik M. A. , Erkmen C., Karımzadeh S., Kılıç N., Şişman N., Yakut A.

Best Practices in Physics-based Fault Rupture Models for Seismic Hazard Assessment of Nuclear Installations: issues and challenges towards full Seismic Risk Analysis, Aix-En-Provence, France, 14 May - 16 August 2018

- XIV. **From Seismic Sources to Engineering Demand Parameters: An Interdisciplinary Framework for Estimation of Seismic Losses in Urban Region**

ASKAN GÜNDOĞAN A., Asten M., Erberik M. A. , Erkmen C., KARIM ZADEH NAGHSHINEH S., Kilic N., Sisman F. N. , YAKUT A.

2nd Workshop on Best Practices in Physics-based Fault Rupture Models for Seismic Hazard Assessment of Nuclear Installations: Issues and Challenges towards Full Seismic Risk Analysis (Best PSHANI), Cadarache, France, 14 - 16 May 2018

- XV. **From Seismic Sources to Engineering Demand Parameters: An Interdisciplinary Framework for Estimation of Seismic Losses in Urban Regions**

Askan Gündoğan A., Asten,Asten,Asten,Asten M., Erberik M. A. , Erkmen C., Karımzadeh S., Kilic N., Sisman F. N. , Yakut A.

Best Practices in Physics-based Fault Rupture Models for Seismic Hazard Assessment of Nuclear Installations: issues and challenges towards full Seismic Risk Analysis , Aix-En-Provence, France, 14 - 16 May 2018, pp.1-2

- XVI. **An energy-based seismic response evaluation of simple structural systems with simulated ground motions**

Karımzadeh S., Ozsarac V., Askan A., ERBERİK M. A.

11th National Conference on Earthquake Engineering 2018: Integrating Science, Engineering, and Policy, NCEE 2018, California, United States Of America, 25 - 29 June 2018, vol.8, pp.4819-4829

- XVII. **Comparison of energy-based seismic structural responses based on simulated ground motions with existing empirical relationships**

ASKAN GÜNDOĞAN A., KARIM ZADEH NAGHSHINEH S., Erberik M. A.

American Geophysical Union (AGU), New Orleans, United States Of America, 11 - 15 December 2017

- XVIII. **Donatısız ve kuşatılmış yığma yapıların deprem performanslarının karşılaştırılması**

- ÇİTİLOĞLU C., ERBERİK M. A.
4th International Conference on Earthquake Engineering and Engineering Seismology, 11 - 13 October 2017
- XIX. **Kırılgenlik eğrileri kullanılarak elde edilen tahmini hasar dağılımının hasar tespit verileriyle karşılaştırılması**
ÇETİN C., ERBERİK M. A.
4th International Conference on Earthquake Engineering and Engineering Seismology, 11 - 13 October 2017
- XX. **A guideline for earthquake risk management of historical structures in Turkey**
AHUNBAY Z., ALTAY G., ARUN E. G., AYDEMİR O., ATASAGUN F. D., CELEP Z., ERBERİK M. A., İLKİ A., KURAN F., ÜNAL Z. G., et al.
4th International Conference on Earthquake Engineering and Engineering Seismology, 11 - 13 October 2017
- XXI. **An energy-based seismic response evaluation of simple structural systems with simulated ground motions**
KARIMZADEH S., ÖZSARAÇ V., ASKAN GÜNDOĞAN A., ERBERİK M. A.
4th International Conference on Earthquake Engineering and Engineering Seismology, 11 - 13 October 2017
- XXII. **Yığma Yapıların Deprem Etkisi Altında Gözleme ve Hesaba Bağlı DEğerlendirilmesi için Yöntem**
GENEŞ M. C., Abrahamczyk L., KAÇIN S., ERBERİK M. A.
4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, Eskişehir, Turkey, 11 - 13 October 2017
- XXIII. **An Energy-Based Seismic Response Evaluation of Simple Structural Systems with Simulated Ground Motions**
KARIM ZADEH NAGHSHINEH S., Ozsarac V., ASKAN GÜNDOĞAN A., Erberik M. A.
4. International Conference on Earthquake Engineering and Seismology (4ICEES), Eskişehir, Turkey, 11 - 13 October 2017
- XXIV. **AN INVESTIGATION ON THE USE OF SIMULATED RECORDS IN DERIVATION OF FRAGILITY CURVES FOR RC BUILDINGS IN**
kadas k., karimzadeh s., ASKAN GÜNDOĞAN A., ERBERİK M. A., YAKUT A.
4th International Conference on Earthquake Engineering and Engineering Seismology, Eskişehir, Turkey, 11 - 13 October 2017
- XXV. **An Investigation on the Use of Simulated Records in Derivation of Fragility Curves for RC Buildings in Duzce**
Kadaş K., KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A., Erberik M. A., YAKUT A.
4. International Conference on Earthquake Engineering and Seismology (4ICEES), Eskişehir, Turkey, 11 - 13 October 2017
- XXVI. **Energy-based response of simple structural systems by using simulated ground motions**
Ozsarac V., Karimzadeh S., ERBERİK M. A., ASKAN GÜNDOĞAN A.
10th International Conference on Structural Dynamics (EURODYN), Rome, Italy, 10 - 13 September 2017, vol.199, pp.236-241
- XXVII. **A study on fragility analyses of masonry buildings in Erzincan (Turkey) utilizing simulated and real ground motion records**
Karimzadeh S., Kadas K., ASKAN GÜNDOĞAN A., ERBERİK M. A., YAKUT A.
10th International Conference on Structural Dynamics (EURODYN), Rome, Italy, 10 - 13 September 2017, vol.199, pp.188-193
- XXVIII. **Preparation of a Guideline for Earthquake Risk Management of Historical Structures in Turkey**
AHUNBAY Z., ALTAY G., ARUN E. G., AYDEMİR O., ATASAGUN F. D., CELEP Z., ERBERİK M. A., İLKİ A., KURAN F., ÜNAL Z. G., et al.
3rd International Conference on Protection of Historical Constructions, PROHITECH, 12 - 15 July 2017
- XXIX. **An Energy-based seismic response evaluation of Simple Structural Systems with Simulated Ground Motions**
KARIM ZADEH NAGHSHINEH S., Ozsarac V., ASKAN GÜNDOĞAN A., Erberik M. A.
2017 Seismological Society of America Annual Meeting, Denver, Colorado, United States Of America, 18 - 20 April 2017
- XXX. **Seismic Fragility of Wide-Beam Infill-Joist Block Reinforced Concrete Frame Buildings**

KARAASLAN E., DÖNMEZ C., ERBERİK M. A.

16th World Conference on Earthquake Engineering, 9 - 13 January 2017

- XXXI. **An Interdisciplinary Approach for Regional Seismic Damage Estimation**
ASKAN GÜNDOĞAN A., Erberik M. A. , KARIM ZADEH NAGHSHINEH S., YAKUT A., Sisman F. N. , Kilic N., Asten M.
16th World Conference on Earthquake (16WCEE), Santiago, Chile, 9 - 13 January 2017
- XXXII. **Seismic Damage Assessment in Erzincan (Turkey) utilizing Synthetic Ground Motion Records**
KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A., Erberik M. A. , YAKUT A.
16th World Conference on Earthquake (16WCEE), Santiago, Chile, 9 - 13 January 2017
- XXXIII. **AN INTERDISCIPLINARY APPROACH FOR REGIONAL SEISMIC DAMAGE ESTIMATION**
ASKAN GÜNDOĞAN A., ERBERİK M. A. , karimzadeh s., YAKUT A., şışman F. n. , Kılıç N., Asten M.
16th World Conference on Earthquake Engineering, Santiago, Chile, 9 - 13 January 2017
- XXXIV. **SEISMIC DAMAGE ASSESSMENT IN ERZINCAN (TURKEY) UTILIZING SYNTHETIC GROUND MOTION RECORDS**
karimzadeh s., ASKAN GÜNDOĞAN A., ERBERİK M. A. , YAKUT A.
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- XXXV. **Energy-Based Response of Simple Structural Systems by using Simulated Ground Motions**
KARIM ZADEH NAGHSHINEH S., Erberik M. A. , ASKAN GÜNDOĞAN A.
The American Geophysical Union Annual Fall Meeting (AGU), San-Francisco, Costa Rica, 12 - 16 December 2016
- XXXVI. **Seismic Damage Estimation on Regional Basis A Case Study**
ERBERİK M. A. , ASKAN GÜNDOĞAN A.
12th International Congress on Advances in Civil Engineering, 21 - 23 September 2016
- XXXVII. **Evaluation of Changing Building Characteristics in Turkey**
Ay B. Ö. , Eroğlu Azak T., Erberik M. A.
12th International Congress on Advances in Civil Engineering, İstanbul, Turkey, 21 - 23 September 2016, pp.1-7
- XXXVIII. **Evaluation of Changing Building Characteristics in Turkey**
AY B. Ö. , EROĞLU AZAK T., ERBERİK M. A.
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- XXXIX. **A Study on Fragility Analysis of Masonry Buildings**
shahayegh k., ASKAN GÜNDOĞAN A., ERBERİK M. A. , YAKUT A.
ESC2016, Trieste, Italy, 7 - 10 September 2016
- XL. **A Study on Fragility Analyses of Masonry Buildings in Erzincan (Turkey) Utilizing Simulated and Real Ground Motion Records**
KARIM ZADEH NAGHSHINEH S., Kadaş K., ASKAN GÜNDOĞAN A., Erberik M. A. , YAKUT A.
The 35rd General Assembly of the European Seismological Commission (GA ESC), Trieste, Italy, 4 - 11 September 2016
- XLI. **Simulation of 13 March 1992 Erzincan Turkey Earthquake Including a Near Field Forward Directivity Pulse Model Implications for Earthquake Engineering**
Aida S. A. , ASKAN GÜNDOĞAN A., ERBERİK M. A.
Seismological Society of America Annual Meeting 2016, 20 - 22 April 2016
- XLII. **Multicomponent seismic loss estimation on the North Anatolian Fault Zone**
Karimzadeh S., ASKAN GÜNDOĞAN A., ERBERİK M. A. , YAKUT A.
AGU 2015 Fall Meeting, 14 - 18 December 2015
- XLIII. **Multicomponent seismic loss estimation on the North Anatolian Fault Zone (Turkey)**
KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A., Erberik M. A. , YAKUT A.
2015 American Geophysical Union Annual Fall Meeting, San-Francisco, Costa Rica, 14 - 18 December 2015
- XLIV. **Seismic damage assessment using synthetic ground motions: a case study for Erzincan**
KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A., Erberik M. A. , YAKUT A.
3rd Turkish Conference on Earthquake Engineering and Seismology, İzmir, Turkey, 14 - 16 October 2015
- XLV. **Kentsel Alanlar için Bütünleşik Sismik Kayıp Tahmin Yöntemi: Erzincan Pilot Uygulaması**
ASKAN GÜNDOĞAN A., Asten M., Erberik M. A. , Erkmen C., KARIM ZADEH NAGHSHINEH S., Kilic N., Sisman F. N. , YAKUT A.

3rd Turkish Conference on Earthquake Engineering and Seismology, İzmir, Turkey, 14 - 16 October 2015

- XLVI. **Estimation of seismic losses in urban regions within an interdisciplinary framework a case study**
ASKAN GÜNDOĞAN A., Erberik M. A. , YAKUT A., Kilic N., KARIM ZADEH NAGHSHINEH S., Sisman N., Asten M.
2014 Seismological Society of America Annual Meeting, Anchorage, Alaska, United States Of America, 30 April - 02 May 2014, vol.85, pp.511
- XLVII. **Multisensor data fusion for determining hallway blockages in a building during evacuation**
Guven G., Ergen E., Ozbas B., Erberik M. A. , Kurc Ö., BİRGÖNÜL M. T.
2013 ASCE International Workshop on Computing in Civil Engineering, IWCCE 2013, Los Angeles, CA, United States Of America, 23 - 25 June 2013, pp.717-724
- XLVIII. **Post disaster sensor based condition assessment of buildings to develop evacuation strategies**
Ergin T., Balta S., ERBERİK M. A. , KURÇ Ö., ERGEN PEHLEVAN E., BİRGÖNÜL M. T.
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- XLIX. **Providing guidance for evacuation during emergency based on a real time damage and vulnerability assessment of facilities**
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