

Prof. MURAT ALTUĞ ERBERİK

Personal Information

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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, Post Graduate, E.KESKİN(Student), 2020

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

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

Erberik M. A. , Predefined damage patterns for limit analysis on non-engineered masonry buildings, Post Graduate, C.İÇEL(Student), 2019

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

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

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, Post Graduate, K.GEDİKASLAN(Student), 2017

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 CONFINED MASONRY BUILDINGS, Post Graduate, C.ÇİTİLOĞLU(Student), 2016

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

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

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

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

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

ERBERİK M. A. , SUCUOĞLU H., 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, Post Graduate, A.ALDEMİR(Student), 2010

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

ERBERİK M. A. , Fragility based assessment of low-rise and mid-rise reinforced concrete frame buildings in Turkey, Post Graduate, B.ÖZER(Student), 2006

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

- **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)
- **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)
- **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, pp.867-889, 2019 (Journal Indexed in SCI)
- **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)
- **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)
- **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)
- **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)
- **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)
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, pp.1775-1795, 2013 (Journal Indexed in SCI)
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, pp.33-57, 2013 (Journal Indexed in SCI)
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, pp.937-962, 2012 (Journal Indexed in SCI)
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)
8 March 2010 Elazığ-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, pp.42-58, 2011 (Journal Indexed in SCI)
Importance of Degrading Behavior for Seismic Performance Evaluation of Simple Structural Systems
ERBERİK M. A.
- JOURNAL OF EARTHQUAKE ENGINEERING, vol.15, pp.32-49, 2011 (Journal Indexed in SCI)
Seismic Risk Assessment of Masonry Buildings in Istanbul for Effective Risk Mitigation
Erberik M. A.
- EARTHQUAKE SPECTRA, vol.26, pp.967-982, 2010 (Journal Indexed in SCI)
Fragility-based assessment of typical mid-rise and low-rise RC buildings in Turkey
Erberik M. A.
- ENGINEERING STRUCTURES, vol.30, pp.1360-1374, 2008 (Journal Indexed in SCI)
Generation of fragility curves for Turkish masonry buildings considering in-plane failure modes
Erberik M. A.
- EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.37, pp.387-405, 2008 (Journal Indexed in SCI)
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)
Fragility analysis of flat-slab structures
Erberik M. A. , Elnashai A.
- ENGINEERING STRUCTURES, vol.26, pp.937-948, 2004 (Journal Indexed in SCI)
Energy-based hysteresis and damage models for deteriorating systems
Sucuoglu H., Erberik A.
- EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.33, pp.69-88, 2004 (Journal Indexed in SCI)
Seismic energy dissipation in deteriorating systems through low-cycle fatigue
Erberik A., Sucuoglu H.
- EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.33, pp.49-67, 2004 (Journal Indexed in SCI)
Statistical evaluation of the damage potential of earthquake ground motions
Sucuoglu H., Yucemen S., Gezer A., Erberik A.
- STRUCTURAL SAFETY, vol.20, pp.357-378, 1998 (Journal Indexed in SCI)
Performance evaluation of a three-storey unreinforced masonry building during the 1992 Erzincan earthquake
Sucuoglu H., Erberik A.
- EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.26, pp.319-336, 1997 (Journal Indexed in SCI)

Books & Book Chapters

- **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

- **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
- **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
- **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
- **Comparison of energy-based seismic structural responses based on simulated ground motions with existing empirical relationships**
Erberik M. A.
13th Advances in Civil Engineering Congress (ACE), Cesme, Turkey, 12 - 14 September 2018
- **EVALUATION OF SEISMIC ENERGY IN SIMPLE STRUCTURAL SYSTEMS USING SIMULATED GROUND MOTIONS**
Karim 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
- **FRAGILITY CURVES FOR RC BUILDINGS OF DUZCE (TURKEY) USING SIMULATED RECORDS**
Kadas K., Karimzadeh 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
- **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
- **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
- **THE COMPARISON OF DIFFERENT FRAGILITY CURVE GENERATION TECHNIQUES TO ESTIMATE OBSERVED DAMAGE DISTRIBUTIONS**
Karim Zadeh Naghshineh S., Kadas K., Askan A., Erberik M. A. , Yakut A.
16th European conference on earthquake engineering, Thessaloniki, Greece, 18 - 21 June 2018
- **From Seismic Sources to Engineering Demand Parameters: An Interdisciplinary Framework for Estimation of Seismic Losses in Urban Region**
Erberik M. 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

FROM SEISMIC SOURCES TO ENGINEERING DEMAND PARAMETERS: AN INTERDISCIPLINARY FRAMEWORK FOR ESTIMATION OF SEISMIC LOSSES IN URBAN REGIONS

Askan A., Asten M., Erberik M. A., Erkmen C., Karimzadeh 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

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., Karimzadeh 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

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

Karimzadeh 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

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

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

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

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

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

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

An Energy-Based Seismic Response Evaluation of Simple Structural Systems with Simulated Ground Motions

Erberik M. A.

4. International Conference on Earthquake Engineering and Seismology (4ICEES), Eskişehir, Turkey, 11 - 13 October 2017

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

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

● **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

● **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

● **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

● **An Energy-based seismic response evaluation of Simple Structural Systems with Simulated Ground Motions**

Erberik M. A.

2017 Seismological Society of America Annual Meeting, Denver, Colorado, United States Of America, 18 - 20 April 2017

● **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

● **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

● **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

● **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

● **SEISMIC DAMAGE ASSESSMENT IN ERZINCAN (TURKEY) UTILIZING SYNTHETIC GROUND MOTION RECORDS**

karimzadeh s., ASKAN GÜNDOĞAN A., ERBERİK M. A. , YAKUT A.

16th world conference on earthquake engineering, Santiago, Chile, 9 - 13 January 2017

● **Energy-Based Response of Simple Structural Systems by using Simulated Ground Motions**

Erberik M. A.

The American Geophysical Union Annual Fall Meeting (AGU), San-Francisco, Costa Rica, 12 - 16 December 2016

● **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

● **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

● **A Study on Fragility Analyses of Masonry Buildings in Erzincan (Turkey) Utilizing Simulated and Real Ground Motion Records**

Erberik M. A.

The 35rd General Assembly of the European Seismological Commission (GA ESC), Trieste, Italy, 4 - 11 September 2016

● **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

Multicomponent seismic loss estimation on the North Anatolian Fault Zone (Turkey)

Erberik M. A.

2015 American Geophysical Union Annual Fall Meeting, San-Francisco, Costa Rica, 14 - 18 December 2015

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

Kentsel Alanlar için Bütünleşik Sismik Kayıp Tahmin Yöntemi: Erzincan Pilot Uygulaması

Erberik M. A.

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

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

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

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

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.

Fourteenth International Conference on Computing in Civil and Building Engineering, 27 - 29 January 2012

Providing guidance for evacuation during emergency based on a real time damage and vulnerability assessment of facilities

GÜVEN İŞİN G., ERGEN PEHLEVAN E., ERBERİK M. A. , KURÇ Ö., BİRGÖNÜL M. T.

ASCE International Conference on Computing in Civil Engineering, 17 - 20 June 2012

A Critique on the Turkish Earthquake Code Regulations Regarding Masonry Construction

Erberik M. A. , Aldemir A., Ay B. Ö.

8th International Seminar on Structural Masonry, İstanbul, Turkey, 5 - 07 November 2008

Türkiye deki Az ve Orta Katlı Betonarme Yapıların Deprem Güvenliği Açısından İncelenmesi

Ay B. Ö. , Erberik M. A.

6th National Conference on Earthquake Engineering, İstanbul, Turkey, 16 - 20 October 2007

Fragility Based Assessment of the Structural Deficiencies in Turkish RC Frame Structures

Ay B. Ö. , Erberik M. A. , Akkar D. S.

1st European Conference on Earthquake Engineering and Seismology, Geneve, Switzerland, 3 - 08 September 2006

Assessment of seismic fragility curves for low- and mid-rise reinforced concrete frame buildings using Duzce field database

ERBERİK M. A. , Cullu S.

Workshop on Advances in Earthquake Engineering for Urban Risk Reduction, İstanbul, Turkey, 30 May - 01 June

2005, vol.66, pp.151-153

Influence of peak ground velocity on seismic failure probability

Sucuoglu H., Erberik M., Yucemen M.

4th European Conference on Structural Dynamics (EURODYN 99), PRAGUE, Czech Republic, 7 - 10 June 1999,

pp.1031-1036

Episodes in the Encyclopedia

- **Encyclopedia of Earthquake Engineering**
ERBERİK M. A.
Springer Berlin Heidelberg, pp., 2015
- **Encyclopedia of Earthquake Engineering**
ASKAN GÜNDOĞAN A., ERBERİK M. A. , BİLAL M.
Springer Berlin Heidelberg, pp., 2015

Supported Projects

Askan Gündođan A., Pekcan O., Erberik M. A. , Akgün H., Municipality, GAZİANTEP İLİ MERKEZ İLÇELERİNDE SİSMİK TEHLİKE TABANLI YAPISAL RİSKLERİN BELİRLENMESİ İÇİN DEPREM MASTER PLANI HAZIRLIK PROJESİ, 2018 - 2019
AY B. Ö. , Erođlu Azak T., ERBERİK M. A. , Project Supported by Higher Education Institutions, Deprem Tehlikesine Maruz Bina Envanterinin İstatistiki Yöntemler ile İncelenmesi, 2016 - 2016

Citations

Total Citations (WOS):401

h-index (WOS):9

Invited Talks

5th International Conference on Earthquake Engineering and Seismology - Special Workshop on behalf of Prof. Sucuoglu, Workshop, Orta Dođu Teknik Üniversitesi, Turkey, October 2019