

## **Prof. AHMET YAKUT**

### **Personal Information**

**Office Phone:** [+90 312 210 5406](tel:+903122105406)

**Fax Phone:** [+90 312 210](tel:+90312210)

**Email:** [ayakut@metu.edu.tr](mailto:ayakut@metu.edu.tr)

**Web:** <https://avesis.metu.edu.tr/ayakut>

### **International Researcher IDs**

ScholarID: aUdzy00AAAAJ

ORCID: 0000-0003-3664-7634

Publons / Web Of Science ResearcherID: AAR-8422-2020

ScopusID: 10139504400

Yoksis Researcher ID: 3984

### **Education Information**

Doctorate, The University of Texas at Austin, İnşaat Mühendisliği Bölümü, United States Of America 1996 - 2000

Postgraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1989 - 1992

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, Turkey 1984 - 1989

### **Foreign Languages**

English, C1 Advanced

### **Dissertations**

Doctorate, Performance of Elastomeric Bridge Bearings at Low Temperatures, The University Of Texas At Austin, İnşaat Mühendisliği Bölümü, 2000

Postgraduate, Influence of structural nonuniformities on earthquake response, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1992

### **Research Areas**

Engineering and Technology

### **Academic Titles / Tasks**

Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2010 - Continues  
Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2005 - 2010

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 2002 -

2005

Research Assistant, The University of Texas at Austin, Mühendislik Fakültesi, İnşaat Mühendisliği, 1996 - 2000

Research Assistant, Northeastern University, Mühendislik Fakültesi, İnşaat Mühendisliği, 1995 - 1996

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Civil Engineering, 1989 - 1995

## Advising Theses

YAKUT A., Influence of ground motion scaling methods on seismic response of highway bridges, Postgraduate, M.GÖZÜTOK(Student), 2022

YAKUT A., Evaluation and selection of ground motion intensity measures for nonlinear seismic demand and fragility analysis of MDOF systems, Doctorate, K.KADAŞ(Student), 2021

YAKUT A., AY B. Ö., Investigation of seismic isolation efficiency for building structures, Postgraduate, S.ÖZDEMİR(Student), 2017

YAKUT A., Effect of soft story on seismic performance of reinforced concrete buildings, Doctorate, V.HATUN(Student), 2017

YAKUT A., Effects of ground motion selection on seismic response of buildings, Postgraduate, Ö.KARAKÜTÜK(Student), 2015

YAKUT A., Effect of ground motion selection on seismic response of buildings, Postgraduate, Ö.Karakütük(Student), 2015

YAKUT A., Generalized fragility curves for earthquake insurance premiums, Postgraduate, M.AYSUN(Student), 2015

YAKUT A., Seismic performance evaluation of reinforced concrete frames infilled with autoclave aerated concrete masonry, Postgraduate, U.AHMED(Student), 2013

YAKUT A., Assessment of nonlinear static (pushover) analysis procedures using field experience, Doctorate, A.DİLSİZ(Student), 2013

DİCLELİ M., YAKUT A., Dynamic simulation of shaking table tests for a shearwall building having torsion, Postgraduate, S.NAZİRZADEH(Student), 2012

YAKUT A., Detailed evaluation of an existing reinforced concrete building damaged under its own weight, Postgraduate, A.BAYRAKTAR(Student), 2011

YAKUT A., Fragility of a shear wall building with torsional irregularity, Postgraduate, V.HATUN(Student), 2011

YAKUT A., AKYÜZ U., Comparative study of commercial structural analysis programs in view of seismic assessment procedures in Turkish Earthquake Code 2007, Postgraduate, S.YILDIRIM(Student), 2011

YAKUT A., Buildings under recurring near-field earthquakes, Doctorate, B.BAYHAN(Student), 2010

YAKUT A., Capacity related properties and assessment of school buildings in Turkey, Postgraduate, İ.KALEM(Student), 2010

YAKUT A., Evaluation of performance based displacement limits for reinforced concrete columns under flexure, Postgraduate, T.SOLMAZ(Student), 2010

YAKUT A., Evaluation of shear wall indexes for reinforced concrete buildings, Postgraduate, O.SOYDAŞ(Student), 2009

YAKUT A., CANER A., Fragility based seismic vulnerability assessment of ordinary highway bridges in Turkey, Doctorate, Ö.AVŞAR(Student), 2009

YAKUT A., Correlation of deformation demands with ground motion intensity, Postgraduate, H.YILMAZ(Student), 2007

YAKUT A., Comparison of seismic assessment procedures in the current Turkish Code, Postgraduate, A.OKUR(Student), 2007

YAKUT A., Influence of idealized pushover curves on seismic response, Postgraduate, K.KADAŞ(Student), 2006

YAKUT A., Determination of the change in building capacity during earthquakes, Postgraduate, D.ÇEVİK(Student), 2006

YAKUT A., AKYÜZ U., Effects of masonry infill walls on the seismic performance of buildings, Postgraduate, M.SELİM(Student), 2005

YAKUT A., Evaluation of pushover analysis procedures for frame structure, Postgraduate, S.Oğuz(Student), 2005

YAKUT A., Component based seismic vulnerability assessment procedure for RC buildings, Doctorate, E.ERDURAN(Student), 2005

YAKUT A., Evaluation of pushoveranalysis procedures for frame structures, Postgraduate, S.OĞUZ(Student), 2005

TÜRER A., YAKUT A., Seismic vulnerability assessment using artificial neural networks, Postgraduate, A.GÜLER(Student), 2005

YAKUT A., Cost-benefit analysis for various rehabilitation strategies, Postgraduate, S.ÇETİNCELİ(Student), 2005

YAKUT A., Development of a software for seismic damage estimation: Case studies, Postgraduate, S.KÜÇÜKÇOBAN(Student), 2004

YAKUT A., A methodology for determination of performance based design parameters, Postgraduate, U.YAZGAN(Student), 2003

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Effect of Wall Size on the Rotation Capacity of Reinforced Concrete Structural Walls**  
Kazaz İ., Sertkaya M., YAKUT A.  
Journal of Structural Engineering (United States), vol.150, no.4, 2024 (SCI-Expanded)
- II. **Performance of RC buildings after Kahramanmaraş Earthquakes: lessons toward performance based design**  
BİNİCİ B., YAKUT A., KADAŞ K., Demirel O., AKPINAR U., Canbolat A., YURTSEVEN F., ÖZTAŞKIN O., Aktas S., CANBAY E.  
EARTHQUAKE ENGINEERING AND ENGINEERING VIBRATION, vol.22, no.4, pp.883-894, 2023 (SCI-Expanded)
- III. **Performance-based design optimization of steel moment frames using capacity controlled search algorithm: a comparison with force-based design approach**  
Eser H., Hasançebi O., Yakut A., Gholizadeh S.  
STRUCTURE AND INFRASTRUCTURE ENGINEERING, vol.1, no.1, pp.1-16, 2023 (SCI-Expanded)
- IV. **In-plane seismic performance of different infill wall systems in ductile reinforced concrete frames**  
Demirel I. O., BİNİCİ B., YAKUT A.  
Bulletin of Earthquake Engineering, vol.21, no.7, pp.3433-3459, 2023 (SCI-Expanded)
- V. **Identifying buildings with high collapse risk based on samos earthquake damage inventory in Izmir**  
BİNİCİ B., YAKUT A., CANBAY E., Akpinar U., TUNCAY K.  
BULLETIN OF EARTHQUAKE ENGINEERING, vol.20, no.14, pp.7853-7872, 2022 (SCI-Expanded)
- VI. **Performance of structures in Izmir after the Samos island earthquake**  
Yakut A., Sucuoğlu H., Binici B., Canbay E., Donmez C., Ilki A., Caner A., Çelik O. C., Ay B. Ö.  
BULLETIN OF EARTHQUAKE ENGINEERING, vol.20, no.14, pp.7793-7818, 2022 (SCI-Expanded)
- VII. **Seismic performance of mid-rise reinforced concrete buildings in Izmir Bayrakli after the 2020 Samos earthquake**  
Demirel I. O., YAKUT A., BİNİCİ B.  
Engineering Failure Analysis, vol.137, 2022 (SCI-Expanded)
- VIII. **Comparison of real and simulated records using ground motion intensity measures**  
KARIM ZADEH NAGHSHINEH S., Kadas K., ASKAN GÜNDOĞAN A., YAKUT A.  
Soil Dynamics and Earthquake Engineering, vol.147, 2021 (SCI-Expanded)
- IX. **Detailed Investigation of Glass Balustrade in Kashirskaya Shopping Mall Project**  
Demirel I. O., YAKUT A., AKYÜZ U., Yigin H., Dikbayir H. E.  
TEKNİK DERGI, vol.32, no.1, pp.10565-10575, 2021 (SCI-Expanded)
- X. **An approximate procedure for estimating the member demands in mid-rise reinforced concrete buildings**  
Akpınar U., BİNİCİ B., YAKUT A., TUNCAY K.  
Bulletin of Earthquake Engineering, vol.18, no.15, pp.6715-6734, 2020 (SCI-Expanded)
- XI. **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 (SCI-Expanded)
- XII. **Seismic behavior and improvement of autoclaved aerated concrete infill walls**

- BİNİCİ B., CANBAY E., ALDEMİR A., Demirel I. O., Uzgan U., Eryurtlu Z., Bulbul K., YAKUT A.  
ENGINEERING STRUCTURES, vol.193, pp.68-81, 2019 (SCI-Expanded)
- XIII. **Analysis of a multi-story reinforced concrete residential building damaged under its self-weight**  
Korkmaz H. H., YAKUT A., Bayraktar A.  
ENGINEERING FAILURE ANALYSIS, vol.98, pp.38-48, 2019 (SCI-Expanded)
- XIV. **In Situ Lateral Load Testing of a Two-Story Solid Clay Brick Masonry Building**  
ALDEMİR A., BİNİCİ B., CANBAY E., YAKUT A.  
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.32, no.5, 2018 (SCI-Expanded)
- XV. **Evolution of seismic hazard maps in Turkey**  
AKKAR D. S., EROĞLU AZAK T., Can T., Ceken U., Tumsa M. B. D., Duman T. Y., ERDİK M. Ö., ERGİNTAV S., Kadirioglu F. T., Kalafat D., et al.  
Bulletin of Earthquake Engineering, vol.16, no.8, pp.3197-3228, 2018 (SCI-Expanded)
- XVI. **Ground-motion characterization for the probabilistic seismic hazard assessment in Turkey**  
AKKAR D. S., Kale O., YAKUT A., Ceken U.  
BULLETIN OF EARTHQUAKE ENGINEERING, vol.16, no.8, pp.3439-3463, 2018 (SCI-Expanded)
- XVII. **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 (SCI-Expanded)
- XVIII. **Assessment of Simulated Ground Motions for Their Use in Structural Engineering Practice; A Case Study for Duzce (Turkey)**  
Karim Zadeh Naghshineh S., Askan A., Yakut A.  
Pure And Applied Geophysics, vol.174, no.9, pp.3325-3329, 2017 (SCI-Expanded)
- XIX. **Seismic Performance Assessment of Masonry Buildings Using In Situ Material Properties**  
Cobanoglu B., ALDEMİR A., Demirel I. O., BİNİCİ B., CANBAY E., YAKUT A.  
JOURNAL OF PERFORMANCE OF CONSTRUCTED FACILITIES, vol.31, no.4, 2017 (SCI-Expanded)
- XX. **Lateral load testing of an existing two story masonry building up to near collapse**  
Aldemir A., BİNİCİ B., CANBAY E., YAKUT A.  
BULLETIN OF EARTHQUAKE ENGINEERING, vol.15, no.8, pp.3365-3383, 2017 (SCI-Expanded)
- XXI. **Assessment of alternative simulation techniques in nonlinear time history analyses of multi-story frame buildings: A case study**  
Karimzadeh S., Askan A., Yakut A., Ameri G.  
SOIL DYNAMICS AND EARTHQUAKE ENGINEERING, vol.98, pp.38-53, 2017 (SCI-Expanded)
- XXII. **Provisions for the Seismic Risk Evaluation of Existing Reinforced Concrete Buildings in Turkey under the Urban Renewal Law**  
Binici B., Yakut A., Ozcebe G., Erenler A.  
EARTHQUAKE SPECTRA, vol.31, no.3, pp.1353-1370, 2015 (SCI-Expanded)
- XXIII. **Vehicle effects on seismic response of a simple-span bridge during shake tests**  
Shaban N. S., Caner A., Yakut A., Askan A., Naghshineh A. K., Domanic A., Can G.  
Earthquake Engineering and Structural Dynamics, vol.44, no.6, pp.889-905, 2015 (SCI-Expanded)
- XXIV. **Seismic Risk Prioritization and Retrofit Cost Evaluation of Code-Deficient RC Public Buildings in Turkey**  
SUCUOĞLU H., YAKUT A., Ozmen A., Kubin J.  
EARTHQUAKE SPECTRA, vol.31, no.1, pp.601-614, 2015 (SCI-Expanded)
- XXV. **Seismic performance of gravity-load designed concrete frames infilled with low-strength masonry**  
Siddiqui U. A., SUCUOĞLU H., YAKUT A.  
EARTHQUAKES AND STRUCTURES, vol.8, no.1, pp.19-35, 2015 (SCI-Expanded)
- XXVI. **Effective flexural rigidities for ordinary reinforced concrete columns and beams**  
AVŞAR Ö., BAYHAN B., YAKUT A.  
STRUCTURAL DESIGN OF TALL AND SPECIAL BUILDINGS, vol.23, no.6, pp.463-482, 2014 (SCI-Expanded)
- XXVII. **Performance limits for structural walls: An analytical perspective**

- Kazaz I, GÜLKAN H. P., YAKUT A.  
ENGINEERING STRUCTURES, vol.43, pp.105-119, 2012 (SCI-Expanded)
- XXVIII. **Seismic risk prioritization of residential buildings in Istanbul**  
YAKUT A., SUCUOĞLU H., Akkar S.  
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.41, no.11, pp.1533-1547, 2012 (SCI-Expanded)
- XXIX. **Deformation Limits for Structural Walls with Confined Boundaries**  
Kazaz I, Gulkan P., YAKUT A.  
EARTHQUAKE SPECTRA, vol.28, no.3, pp.1019-1046, 2012 (SCI-Expanded)
- XXX. **Seismic vulnerability assessment criteria for RC ordinary highway bridges in Turkey**  
AVŞAR Ö., YAKUT A.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.43, no.1, pp.127-145, 2012 (SCI-Expanded)
- XXXI. **Analytical Fragility Curves for Ordinary Highway Bridges in Turkey**  
AVŞAR Ö., YAKUT A., CANER A.  
EARTHQUAKE SPECTRA, vol.27, no.4, pp.971-996, 2011 (SCI-Expanded)
- XXXII. **Spectral Ground Motion Intensity Based on Capacity and Period Elongation**  
Kadas K., YAKUT A., Kazaz I.  
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.137, no.3, pp.401-409, 2011 (SCI-Expanded)
- XXXIII. **Correlation of Deformation Demands with Ground Motion Intensity**  
YAKUT A., Yilmaz H.  
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.134, no.12, pp.1818-1828, 2008 (SCI-Expanded)
- XXXIV. **Service life assessment of existing highway bridges with no planned regular inspections**  
Caner A., Yanmaz A. M., Yakut A., Avşar O., Yilmaz T.  
Journal of Performance of Constructed Facilities, vol.22, pp.108-114, 2008 (SCI-Expanded)
- XXXV. **Capacity related properties of RC frame buildings in Turkey**  
YAKUT A.  
JOURNAL OF EARTHQUAKE ENGINEERING, vol.12, pp.265-272, 2008 (SCI-Expanded)
- XXXVI. **Component damage functions for reinforced concrete frame structures**  
Erduran E., Yakut A.  
ENGINEERING STRUCTURES, vol.29, no.9, pp.2242-2253, 2007 (SCI-Expanded)
- XXXVII. **A screening procedure for seismic risk assessment in urban building stocks**  
Sucuoglu H., Yazgan U., Yakut A.  
EARTHQUAKE SPECTRA, vol.23, no.2, pp.441-458, 2007 (SCI-Expanded)
- XXXVIII. **Vulnerability assessment of reinforced concrete moment resisting frame buildings**  
Erduran E., Yakut A.  
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.133, no.4, pp.576-586, 2007 (SCI-Expanded)
- XXXIX. **Seismic vulnerability assessment using regional empirical data**  
Yakut A., Ozcebe G., Yucemen M. S.  
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.35, no.10, pp.1187-1202, 2006 (SCI-Expanded)
- XL. **Seismic response assessment of a stiff structure**  
Kazaz I., Yakut A., Gulkan P.  
EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, vol.35, no.6, pp.737-759, 2006 (SCI-Expanded)
- XLI. **Numerical simulation of dynamic shear wall tests: A benchmark study**  
Kazaz I., Yakut A., Gulkan P.  
COMPUTERS & STRUCTURES, vol.84, pp.549-562, 2006 (SCI-Expanded)
- XLII. **Reply to: Discussion of "Re-examination of damage distribution in Adapazari: Geotechnical considerations"**  
Bakir B., Yilmaz M., Yakut A., Gulkan P.  
ENGINEERING STRUCTURES, vol.28, no.3, pp.468, 2006 (SCI-Expanded)
- XLIII. **Displacement-based fragility functions for low- and mid-rise ordinary concrete buildings**  
Akkar S., Sucuoglu H., Yakut A.  
EARTHQUAKE SPECTRA, vol.21, no.4, pp.901-927, 2005 (SCI-Expanded)

- XLIV. **Re-examination of damage distribution in Adapazari: Structural considerations**  
Yakut A., Gulkan P., Bakir B., Yilmaz M. T.  
Engineering Structures, vol.27, no.7, pp.990-1001, 2005 (SCI-Expanded)
- XLV. **Re-examination of damage distribution in Adapazari: Geotechnical considerations**  
Bakir B., Yilmaz M. T., Yakut A., Gulkan P.  
Engineering Structures, vol.27, no.7, pp.1002-1013, 2005 (SCI-Expanded)
- XLVI. **Preliminary seismic performance assessment procedure for existing RC buildings**  
Yakut A.  
ENGINEERING STRUCTURES, vol.26, no.10, pp.1447-1461, 2004 (SCI-Expanded)
- XLVII. **Drift based damage functions for reinforced concrete columns**  
Erduran E., Yakut A.  
COMPUTERS & STRUCTURES, vol.82, pp.121-130, 2004 (SCI-Expanded)
- XLVIII. **Evaluation of elastomeric bearing performance at low temperatures**  
Yakut A., Yura J.  
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.128, no.8, pp.995-1002, 2002 (SCI-Expanded)
- XLIX. **Parameters influencing performance of elastomeric bearings at low temperatures**  
Yakut A., Yura J.  
JOURNAL OF STRUCTURAL ENGINEERING-ASCE, vol.128, no.8, pp.986-994, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Ülkemizdeki Riskli Yapıların Genel Özellikleri ve Deprem Performansı**  
Yakut A., Binici B.  
Çevre Şehir ve İklim Dergisi, vol.2, no.4, pp.220-237, 2023 (Peer-Reviewed Journal)
- II. **DOLGU DUVARLARIN DÜZLEM DIŞI YÖNDE HAVA YASTIĞI İLE DENEYİ**  
DEMİREL İ. O., YAKUT A., BİNİCİ B.  
Anadolu Üniversitesi Bilim Ve Teknoloji Dergisi - B Teorik Bilimler, vol.6, pp.133-140, 2018 (Peer-Reviewed Journal)
- III. **Evaluation of low-temperature test methods for elastomeric bridge bearings**  
Yakut A., Yura J. A.  
Journal of Bridge Engineering, vol.7, no.1, pp.50-56, 2002 (ESCI)

## Books & Book Chapters

- I. **SEISMIC PERFORMANCE ASSESSMENT AND REHABILITATION OF EXISTING RC BUILDINGS IN TURKEY**  
YAKUT A.  
in: EUROCODES: BACKGROUND & APPLICATIONS Elaboration of maps for climatic and seismic actions for structural design with the Eurocodes, V. Rajčić, R. Apostolska, M.L. Sousa, S. Dimova, A. Pinto, Editor, JRC European Union, ISPRA, pp.159-170, 2016
- II. **Experimental and Numerical Investigation of Torsionally Irregular RC Shear Wall Buildings with Rutherford Breakers**  
YAKUT A., Le Maout A., Richard B., Atanasiu G. M., Ragueneau F., Scheer S., Diler S.  
in: Experimental research in Earthquake Engineering, Fabio Taucer, Roberta Apostolska, Editor, Springer, pp.307-326, 2015
- III. **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
- IV. **Binalar için Deprem Mühendisliği Temel İlkeler**

## Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of Observed Seismic Damage for the 1999 Duzce Earthquake, 5rd 10th International Conference on Advanced Models and New Concepts in Concrete and Masonry Structures (Online-AMCM2020), Lublin, Poland, (October 2020).**  
karimzadeh s., YAKUT A., ASKAN GÜNDOĞAN A.  
10th International Conference on Advanced Models and New Concepts in Concrete and Masonry Structures (Online- AMCM2020), Lublin, Poland, (October 2020)., Lublin, Poland, 21 October 2020
- II. **Evaluation of seismic performance measures for MDOF RC structures subjected to simulated and real ground motions**  
karimzadeh s., ASKAN GÜNDOĞAN A., YAKUT A.  
10th International Conference on Advanced Models and New Concepts in Concrete and Masonry Structures (Online- AMCM2020), MATEC Web Conf., Paper no: 02003, Lublin, Poland, (October 2020)., Lublin, Poland, 21 October 2020, vol.323
- III. **OVERVIEW OF SEISMIC PERFORMANCE ASSESSMENT PROCEDURES FOR RC BUILDINGS IN TURKEY**  
Yakut A.  
5. International Conference on Earthquake Engineering and Seismology ( 5ICEES ), Ankara, Turkey, 8 - 11 September 2019, pp.1
- IV. **Seismic Assessment of Mid-Rise Reinforced Concrete Buildings by Using a Modified Stiffness Approach**  
BİNİCİ B., AKPINAR U., YAKUT A., TUNCAY K.  
Australian Earthquake Engineering Society Conference 2019, 29 November - 01 December 2019
- V. **COMPARISON OF 2007 AND 2019 SEISMIC HAZARD MAPS BASED ON SPECTRUM INTENSITIES AND CORRESPONDING ENGINEERING DEMANDS – A CASE STUDY WITH RC SCHOOL BUILDINGS IN ISTANBUL**  
kadaş k., SOYSAL B. F., AKANSEL V. H., mazılıgüney l., YAKUT A.  
5. International Conference on Earthquake Engineering and Seismology, 8 - 11 October 2019
- VI. **NEW SEISMIC ASSESSMENT METHOD FOR MASONRY BUILDINGS UNDER URBAN RENEWAL LAW**  
ALDEMİR A., BİNİCİ B., YAKUT A., Varcin M. K.  
5. International Conference on Earthquake Engineering and Seismology, 8 - 11 October 2019
- VII. **A two-step procedure for seismic assessment of mid-rise reinforced concrete buildings**  
Uğur A., BİNİCİ B., YAKUT A., TUNCAY K., CENİK L. S.  
5th International Conference on Earthquake Engineering and Seismology, 8 - 11 October 2019
- VIII. **Site-Specific Seismic Hazard Analyses for Selected Regions In Turkey In Comparison With The New Seismic Design Code**  
YAKUT A., KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A.  
5rd International Conference on Earthquake Engineering and Seismology (5ICEES), Ankara, Turkey, 8 - 11 October 2019
- IX. **Seismic Risk Assessment of School Buildings on the Basis of Recent Turkish Seismic Hazard Map**  
mazılıgüney l., AKANSEL V. H., SOYSAL B. F., kadaş k., YAKUT A.  
VI. International Earthquake Symposium, 25 - 27 September 2019
- X. **Use of Seismic Intensity Measures for Comparison of Real and Simulated Records**  
KARIM ZADEH NAGHSHINEH S., Kadaş K., ASKAN GÜNDOĞAN A., YAKUT A.  
VI. International Earthquake Symposium Kocaeli (IESKO 2019), Kocaeli, Turkey, 25 - 27 September 2019
- XI. **COMPARISON OF MODELING APPROACHES FOR HIGH DAMPING RUBBER BEARINGS**  
YAKUT A., AKYÜZ U., ÇABUK E., MÜROTA N., SUZUKI S.

16th world conference on seismic isolation, energy dissipation and active vibration control of structures, Saint Peter, Guernsey And Alderney, 1 - 06 July 2019

**XII. A COMPARATIVE STUDY ON METHODS OF ANALYSES FOR SEISMICALLY ISOLATED STRUCTURES**

Özdemir S., YAKUT A., AY B. Ö.

16th world conference on seismic isolation, energy dissipation and active vibration control of structures, Saint Peter, Guernsey And Alderney, 1 - 06 July 2019

**XIII. Correlation of Ground Motion Intensity Parameters with Structural Demand**

YAKUT A., KARIM ZADEH NAGHSHINEH S., Kadaş K., ASKAN GÜNDOĞAN A.

4th International Conference on Civil Environmental, Geology and Mining Engineering (ICOCEM), Trabzon, Turkey, 20 - 22 April 2019

**XIV. COMPARISONS OF ALTERNATIVE SEISMIC INTENSITY PARAMETERS FOR SELECTED SETS OF REAL AND SIMULATED GROUND MOTION RECORDS**

Karim Zadeh Naghshineh S., Kadas K., Askan Gündoğan A., Yakut A.

36th General Assembly of the European Seismological Commission (ESC 2018), Valletta, Malta, 2 - 07 September 2018, pp.650

**XV. Seismic response of autoclaved aerated concrete masonry infill walls under in-plane and out-of-plane seismic demands**

BİNİCİ B., CANBAY E., DEMİREL İ. O., ALDEMİR A., Uzgan U., ERYURTLU Z., YAKUT A.

6th International Conference on Autoclaved Aerated Concrete, Potsdam, Germany, 3 - 06 September 2018, vol.2, pp.241-245

**XVI. Strengthening Infilled RC Frames Against Biaxial Seismic Action**

DEMİREL İ. O., YAKUT A., BİNİCİ B.

12th fib International PhD Symposium in Civil Engineering, 29-31th August 2018, Prague, Czech Republic, Prag, Czech Republic, 29 - 31 August 2018

**XVII. BASE ISOLATION APPLICATIONS IN TURKEY**

AKYÜZ U., YAKUT A.

Elevent U.S. National Conference on Earthquake Engineering, Los-Angeles, Chile, 25 - 29 June 2018

**XVIII. 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

**XIX. 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

**XX. PERFORMANCE BASED LIMIT STATES FOR INFILL WALLS IN RC FRAMES**

Demirel İ. O., Yakut A., Binici B., Canbay E.

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

**XXI. 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

**XXII. 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., 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

**XXIII. Numerical Modeling of Infilled Reinforced Concrete Frame and Its Verification**

AKANSEL V. H., YAKUT A.



Ist International Symposium on Innovative Approaches in Scientific Studies, 11 - 13 April 2018

**XXIV. Comparison of Real and Simulated Records Through Selected Seismic Intensity Measures**

KARIM ZADEH NAGHSHINEH S., Kadaş K., ASKAN GÜNDOĞAN A., YAKUT A.

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

**XXV. Behaviour of AAC Infilled RC Frames under In Plane and Out of Plane Seismic Demands**

BİNİCİ B., DEMİREL İ. O., ALDEMİR A., CANBAY E., YAKUT A.

Australian Earthquake Engineering Society 2017 Conference, 24 - 26 November 2017

**XXVI. EFFECTS OF OPENINGS ON COLLAPSE RISK OF INFILLED RC BUILDINGS**

AKANSEL V. H., YAKUT A., GÜLKAN H. P.

4. Uluslararası Deprem Mühendisliği Konferansı, 11 November - 13 January 2017

**XXVII. FRAGILITY CURVES FOR REINFORCED CONCRETE SCHOOL BUILDINGS IN TURKEY DUE TO REPEATED EARTHQUAKES**

Mazılıgüney L., kadaş k., AKANSEL V. H., YAKUT A.

4.Uluslararası Deprem Mühendisliği Konferansı, 11 - 13 November 2017

**XXVIII. 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

**XXIX. DOLGU DUVARLARIN DUZLEM DIŞI YONDE HAVA YASTIĞI ILE TESTİ**

DEMİREL İ. O., YAKUT A., BİNİCİ B.

4. Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı, 11 October - 13 November 2017

**XXX. 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

**XXXI. 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

**XXXII. Infilled Frame Response Under Seismic Excitation**

DEMİREL İ. O., YAKUT A., metin h.

17th international scientific conference VSU 2017, sofya, Bulgaria, 8 - 09 June 2017

**XXXIII. A Comparative Study on Seismic Isolation Applications in Turkey**

AKYÜZ U., CANER A., YAKUT A.

15th World Conference on Seismic Isolation, Energy Dissipation and Active Vibration Control of Structures, Wellington, New Zealand, 27 - 29 April 2017

**XXXIV. Testing of an Existing Two Story Masonry Building Under Lateral Loads**

ALDEMİR A., BİNİCİ B., CANBAY E., YAKUT A.

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

**XXXV. 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

**XXXVI. Seismic Behaviour of RC Frames Infilled with Different Techniques**

DEMİREL İ. O., YAKUT A., BİNİCİ B.

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

**XXXVII. EFFECT OF INFILL WALLS ON STRUCTURAL BEHAVIOR OF RC BUILDINGS WITH VERTICAL IRREGULARITIES**

AKANSEL V. H., YAKUT A., Moehle J.

16. World Conference on Earthquake Engineering, 9 - 13 January 2017
- XXXVIII. **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
- XXXIX. **Assessment of Simulated Ground Motions for their Use in Structural Engineering Practice**  
KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A., YAKUT A.  
12th International Congress on Advances in Civil Engineering (ACE), İstanbul, Turkey, 21 - 23 September 2016
- XL. **Influence of Infill Wall System on Seismic Behavior of RC Frames**  
DEMİREL İ. O., YAKUT A., BİNİCİ B.  
12th International Congress on Advances in Civil Engineering, 21 - 23 September 2016
- XLI. **Influence of Infill Wall System on Seismic Behavior of RC Systems**  
DEMİREL İ. O., YAKUT A., BİNİCİ B.  
ACE2016, 21 - 23 September 2016
- XLII. **A Study on Fragility Analysis of Masonry Buildings**  
shaghayegh k., ASKAN GÜNDOĞAN A., ERBERİK M. A., YAKUT A.  
ESC2016, Trieste, Italy, 7 - 10 September 2016
- XLIII. **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
- XLIV. **Remaining service life assessment of river bridges with cracked members**  
Ozdemir S., Topkara N., YAKUT A., AKYÜZ U., CANER A.  
8th International Conference on Bridge Maintenance, Safety and Management (IABMAS), Foz do Iguaçu, Brazil, 26 - 30 June 2016, pp.412-413
- XLV. **Nonlinear time history analyses of multi-degree of freedom structures under real and synthetic records using stochastic finite-fault methodology**  
KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A., YAKUT A.  
1st International Conference on Natural Hazards and Infrastructure: Protection, Design, Rehabilitation (ICONHIC), Chania, Greece, 28 - 30 June 2016
- XLVI. **Influence of ground motion selection procedures on seismic response of buildings**  
YAKUT A., ozge k.  
ICONHIC2016, Girit, Greece, 27 - 30 June 2016
- XLVII. **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
- XLVIII. **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
- XLIX. **Assessment of Simulated Ground Motions in Earthquake Engineering Practice: A Case Study for Duzce (Turkey)**  
Karimzadeh S., ASKAN GÜNDOĞAN A., YAKUT A.  
1st Workshop on Best Practices in Physics-Based Fault Rupture Models for Seismic Hazard Assessment of Nuclear Installations (BestPSHANI), Vienna, Austria, 18 - 20 November 2015, pp.265-283
- L. **Identifying Masonry Buildings That Are under High Seismic Risk**  
ALDEMİR A., BİNİCİ B., YAKUT A., CANBAY E.  
Proceedings of the Tenth Pacific Conference on Earthquake Engineering, 6 - 08 November 2015
- LI. **Lateral Load on Site Testing of a Two Story Masonry Building up to Near Collapse**  
BİNİCİ B., CANBAY E., YAKUT A., ALDEMİR A.  
Proceedings of the Tenth Pacific Conference on Earthquake Engineering, 6 - 08 November 2015
- LII. **Identifying Masonry Buildings That are Under High Seismic Risk**

ALDEMİR A., BİNİCİ B., YAKUT A., CANBAY E.

Proceedings of the Tenth Conference on Earthquake Engineering, 6 - 08 November 2015

**LIII. Lateral Load Testing of a two story building up to near collapse**

BİNİCİ B., CANBAY E., YAKUT A., ALDEMİR A.

Proceedings of the Tenth Pacific Conference on Earthquake Engineering, 6 - 08 November 2015

**LIV. An Experimental Investigation of Infill Behaviour in RC Frames**

DEMİREL İ. O., YAKUT A., BİNİCİ B., CANBAY E.

Proceedings of the Tenth Pacific Conference on Earthquake Engineering, 6 - 08 November 2015

**LV. 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

**LVI. 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

**LVII. Lateral Load Testing of Two Existing Masonry Buildings**

BİNİCİ B., ALDEMİR A., CANBAY E., YAKUT A.

The 2015 World Congress on Advances in Structural Engineering and Mechanics (ASEM15), Incheon, South Korea, 25 - 29 August 2015

**LVIII. Lateral Load Testing of Two Masonry Buildings**

BİNİCİ B., ALDEMİR A., CANBAY E., YAKUT A.

The 2015 World Congress on Advances in Structural Engineering and Mechanics (ASEM15), 25 - 28 August 2015

**LIX. Assessment of synthetic ground motion records obtained from alternative simulation techniques in nonlinear time history analyses of multi-storey frame buildings: A case study**

Karimzadeh S., ASKAN GÜNDOĞAN A., YAKUT A., Ameri G.

9th International Conference on Structural Dynamics (EURODYN), Porto, Portugal, 30 June - 02 July 2014, pp.351-358

**LX. Directional Effect of the Strong Ground Motion on the Seismic Behavior of Skewed Bridges**

Atak B., AVŞAR Ö., YAKUT A.

9th International Conference on Structural Dynamics (EURODYN), Porto, Portugal, 30 June - 02 July 2014, pp.1253-1258

**LXI. 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

**LXII. Assessment Of Synthetic Ground Motion Records Obtained From Alternative Simulation Techniques In Nonlinear Time History Analyses Of Multi-Storey Frame Buildings: A Case Study**

KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A., YAKUT A., Ameri G.

2nd Turkish Conference on Earthquake Engineering and Seismology, Hatay, Turkey, 25 - 27 September 2013

**LXIII. Influence of Clay Tile Brick Infill Walls on Seismic Response of Buildings**

YAKUT A., Demirel I. O.

4th International Conference on Multi-Functional Materials and Structures (MFMS 2013), Bangkok, Thailand, 14 - 17 July 2013, vol.747, pp.273-276

**LXIV. Assessment of synthetic ground motion records from alternative simulation methods in dynamic response analysis of building structures**

KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A., YAKUT A., Ameri G.

2013 Seismological Society of America Annual Meeting, Salt Lake City, Utah, United States Of America, 17 - 19 April 2013, vol.84, pp.368

**LXV. Assessment of Synthetic Ground Motion Records Obtained from Alternative Simulation Methods in Dynamic Analyses of Multi-Story frame Buildings**

KARIM ZADEH NAGHSHINEH S., ASKAN GÜNDOĞAN A., Ameri G., YAKUT A.

2012 Seismological Society of America Annual Meeting, San Diego, California, United States Of America, 17 - 19 April 2012, vol.83, pp.372

**LXVI. Evaluation of ground motion intensity measures for the fragility curves of ordinary highway bridges in Turkey**

Avsar O., YAKUT A.

9th US National and 10th Canadian Conference on Earthquake Engineering 2010, Including Papers from the 4th International Tsunami Symposium, Toronto, Canada, 25 - 29 July 2010, vol.8, pp.6179-6188

**LXVII. Evaluation of period formulas for shear wall buildings**

Kazaz I., YAKUT A.

9th US National and 10th Canadian Conference on Earthquake Engineering 2010, Including Papers from the 4th International Tsunami Symposium, Toronto, Canada, 25 - 29 July 2010, vol.9, pp.7128-7137

**LXVIII. Evaluation of shear wall indexes for RC buildings**

YAKUT A., Soydas O.

9th US National and 10th Canadian Conference on Earthquake Engineering 2010, Including Papers from the 4th International Tsunami Symposium, Toronto, Canada, 25 - 29 July 2010, vol.1, pp.95-104

**LXIX. Influence of Shear Wall Index on the Seismic Performance of Reinforced Concrete Buildings**

BURAK CANBOLAT B., SOYDAŞ O., YAKUT A.

WCEE-ECCE-TCCE Joint Conference on Earthquake and Tsunami, 22 - 24 June 2009

**LXX. Evaluation of approximate nonlinear procedures for observed response of a shear wall structure**

Gulkan P., YAKUT A., Kazaz I.

Workshop on Advances in Earthquake Engineering for Urban Risk Reduction, İstanbul, Turkey, 30 May - 01 June 2005, vol.66, pp.333-335

**LXXI. A detailed seismic performance assessment procedure for RC frame buildings**

YAKUT A., Erduran E.

Workshop on Advances in Earthquake Engineering for Urban Risk Reduction, İstanbul, Turkey, 30 May - 01 June 2005, vol.66, pp.135-137

**LXXII. In defence of Zeytinburnu**

Ozcebe G., SUCUOĞLU H., YÜCEMEN M. S., YAKUT A.

Workshop on Advances in Earthquake Engineering for Urban Risk Reduction, İstanbul, Turkey, 30 May - 01 June 2005, vol.66, pp.95-97

**LXXIII. Influence of ground motion intensity on the performance of low- and mid-rise ordinary concrete buildings**

Akkar S., Sucuoglu H., Yakut A.

Workshop on Future Directions in Instrumentation for Strong Motion and Engineering Seismology, Kusadasi, Turkey, 17 - 21 May 2004, vol.58, pp.123-138

**LXXIV. Just how prescient are our building damage predictions?**

Gulkan P., Bakir B., Yakut A., Yilmaz M.

Workshop on Seismic Assessment and Rehabilitation of Existing Buildings, İzmir, Turkey, 13 May 2003, vol.29, pp.165-192

**LXXV. Preliminary seismic vulnerability assessment of existing reinforced concrete buildings in Turkey Part II: Inclusion of site characteristics**

Yakut A., Aydogan V., Ozcebe G., Yucemen M.

Workshop on Seismic Assessment and Rehabilitation of Existing Buildings, İzmir, Turkey, 13 May 2003, vol.29, pp.43-58

**LXXVI. Parameters affecting damageability of reinforced concrete members**

Erduran E., Yakut A.

Workshop on Seismic Assessment and Rehabilitation of Existing Buildings, İzmir, Turkey, 13 May 2003, vol.29, pp.59-76

**LXXVII. Preliminary seismic vulnerability assessment of existing reinforced concrete buildings in Turkey - Part I: Statistical model based on structural characteristics**

Ozcebe G., Yucemen M., Aydogan V., Yakut A.

## Supported Projects

- Binici B., Yakut A., Tuncay K., Canbay E., Project Supported by Other Official Institutions, Riskli Yapı Tespit Yönetmeliğinin Güncellenmesi, 2020 - 2022
- Yakut A., Project Supported by Other Private Institutions, Sabiha Gökçen havalimanı bağlantı yolu tünellerinde meydana gelen hasarların nedenleri konusunda değerlendirme yapmak , 2020 - 2020
- Yakut A., Project Supported by Other Official Institutions, TOKİ Kaynarıpınar karakol kulelerinin tasarım kontrolü, 2020 - 2020
- Yakut A., Project Supported by Other Private Institutions, EMET Sülfürik Asit Üretim Tesisi Yapım İşi kapsamında binaların tyasarım kontrolü, 2019 - 2020
- Binici B., Yakut A., Tuncay K., Canbay E., Project Supported by Other Official Institutions, 6306 SAYILI AFET RİSKİ ALTINDAKİ ALANLARIN DÖNÜŞTÜRÜLMESİ HAKKINDA KANUN KAPSAMINDA RİSKLİ YAPILARIN TESPİT EDİLMESİNE İLİŞKİN ESASLAR'IN GÜNCELLENMESİ İÇİN ARAŞTIRMA GELİŞTİRME ÇALIŞMALARI, 2018 - 2019
- Yakut A., Project Supported by Other Official Institutions, yapıda görev alacak yapı denetim kuruluşunun belirlenmesi için yöntem, 2018 - 2018
- Yakut A., BİNİCİ B., CANBAY E., Association (NGO), INSYSME-INNOVATIE SYSTEMS FOR EARTHQUAKE RESİSTANT MASONRY ENCLOSURES IN RC BUILDING-BETONARME BİNALARDA DEPREME DAYANIKLI YIĞMA KAPLAMALAR, 2017 - 2018
- Binici B., Yakut A., Tuncay K., Canbay E., Project Supported by Other Official Institutions, 6306 Sayılı Kanun Kapsamında Riskli Yapıların TEspiti için Ağ Tabanlı Yazılım Hazırlama Protokolü: Çevre ve Şehircilik Bakanlığı Kentsel Dönüşüm ve Altyapı Hizmetleri Genel Müdürlüğü, 2015 - 2018
- YAKUT A., ASKAN GÜNDÖĞAN A., Project Supported by Other Private Institutions, İvrindi Altın-Gümüş Maden ve zenginleştirme sahası sismik tehlike analizleri, 2017 - 2017
- YAKUT A., ÇELİK O. C., Project Supported by Other Private Institutions, Bilbaka ait binada titreşim ölçümü yapılması ve mevcut performans değerlendirmesi, 2017 - 2017
- Binici B., Yakut A., Chamber / Union / Professional Association, INNOVATIVE SYSTEMS FOR EARTH QUAKE RESISTANT MASONRY ENCLOSURES IN RC BUILD INGS, 2014 - 2017
- YAKUT A., Project Supported by Other Private Institutions, Atakule yapısının mevcut durumunu güncel yönetmelik kriterleri çerçevesinde değerlendirmek-DSIM 2016.03.03.2.01.07, 2016 - 2016
- YAKUT A., Project Supported by Other Private Institutions, INSYSME-Innovative Systems for Earthquake Resistant Masonry Enclosures in RC Buildings/Beton Binalarda Depreme Dayanıklı Yığma Kaplamalar için Yenilikçi Sistemler-DSIM 2014.03.03.2.01.03, 2013 - 2016
- YAKUT A., Project Supported by Other Private Institutions, Atakule Yenileme Projesi Kule Temeli Uygulaması Araştırma Projesi, 2014 - 2015
- KESTEL A. S., YILDIRIM B., Ekici M. A., YAKUT A., ŞİMŞEK M., Project Supported by Higher Education Institutions, Türkiye'deki Yapı Stoku Özelliklerine Bağlı Deprem Sigortası ve Reasürans Primi Değerlendirmesi, 2014 - 2015
- YAKUT A., TUBİTAK Project, Burulma ve Nonlinear Etkilere Maruz Betonarme Perde Duvarlı Binaların Sismik Tasarımı ve Performans Değerlendirmesi, 2010 - 2012

## Scientific Refereeing

- BULLETIN OF EARTHQUAKE ENGINEERING, Journal Indexed in SCI-E, September 2022
- EARTHQUAKE SPECTRA, Journal Indexed in SCI-E, May 2022
- JOURNAL OF EARTHQUAKE ENGINEERING, Journal Indexed in SCI-E, March 2022
- EARTHQUAKE ENGINEERING AND STRUCTURAL DYNAMICS, Journal Indexed in SCI-E, January 2022
- EARTHQUAKE ENGINEERING AND STRUCTURAL DYNAMICS, Journal Indexed in SCI-E, November 2021

EARTHQUAKE SPECTRA, Journal Indexed in SCI-E, November 2021

EARTHQUAKE ENGINEERING AND STRUCTURAL DYNAMICS, Journal Indexed in SCI-E, August 2021

JOURNAL OF EARTHQUAKE ENGINEERING, Journal Indexed in SCI-E, July 2021

JOURNAL OF EARTHQUAKE ENGINEERING, Journal Indexed in SCI-E, June 2021

EARTHQUAKE ENGINEERING AND STRUCTURAL DYNAMICS, Journal Indexed in SCI-E, May 2021

## **Metrics**

Publication: 136

Citation (WoS): 1058

Citation (Scopus): 1239

H-Index (WoS): 18

H-Index (Scopus): 20

## **Non Academic Experience**

Applied Insurance Research Inc.