

	<p><b>Prof. Dr. Eren Uckan</b></p> <p>E-mail: <a href="mailto:eren.uckan@alanya.edu.tr">eren.uckan@alanya.edu.tr</a></p>
EĞİTİM	<ul style="list-style-type: none"> <li>• 2020- Profesör Alanya Alaaddin Keykubat Üniversitesi</li> <li>• 2012 Doçent Boğaziçi Üniversitesi</li> <li>• 1995 Y.Doçent Gebze Teknik Üniversitesi</li> <li>• 1994 Doktora Boğaziçi Üniversitesi Kandilli Rasathanesi Deprem Müh. ABD</li> <li>• 1987 Y. Lisans Orta Doğu Teknik Üniversitesi İnşaat Mühendisliği Böl.</li> <li>• 1984 Lisans Orta Doğu Teknik Üniversitesi İnşaat Mühendisliği Böl.</li> </ul>
İLGİ ALANLARI	<ul style="list-style-type: none"> <li>• Alt Yapı Deprem mühendisliği</li> <li>• Gömülü boru hatlarının ve sıvı depolama tanklarının sismik değerlendirilmesi</li> <li>• Sismik taban yalıtımı, pasif titreşim kontrolü</li> <li>• Yapısal sağlık izleme, köprüler, binalar, tarihi yapılar</li> <li>• Yüksek binalarda cephe kaplama elemanlarının test ve sertifikasyonu (AAMA501.6)</li> <li>• Titreşime duyarlı elektrikli ve mekanik ekipmanların testi</li> </ul>
<b>Hakemlikler</b>	<ul style="list-style-type: none"> <li>• Soil Dynamics and Earthquake Engineering (SDEE)</li> <li>• Bulletin of Earthquake Engineering (BEE)</li> <li>• International Journal of Pressure Vessels and Piping (IJPVP)</li> <li>• Journal of Earthquake Engineering (JEE)</li> <li>• Turkish Journal of Electrical Engineering and Computer Science (TUBITAK)</li> <li>• Engineering Structures (ES)</li> <li>• Transportation Research Part D : Transport and Environment</li> <li>• Shock and Vibration</li> <li>• Engineering Failure Analysis (EFA)</li> <li>• Earthquake Engineering and Engineering Vibration</li> <li>• Structure and Infrastructure Engineering</li> <li>• Ain Shams Engineering Journal (AEJ)</li> <li>• Arabian Journal for Science and Engineering (AJSE)</li> <li>• Journal of Engineering Structures (ES)</li> <li>• Techno Press</li> <li>• Journal of Pipeline Systems: Engineering and Practice</li> <li>• Journal of Pressure Vessel Technology-ASME</li> <li>• Advances in Materials Science and Engineering</li> <li>• Journal of Thin-Walled Structures</li> <li>• Structures Journal</li> </ul>
<b>Hakemlik (PEER)</b>	<b>Shota Rustaveli National Science Foundation – Gürcistan</b>
<b>Koordinatör (2019-)</b>	<b>Türkiye Deprem Vakfı (TDV) “Kritik altyapılar ve can damarı sistemleri alt komisyonu”</b>

<p><b>Member of EAEE WG13 (2019 -)</b></p>	<p>Avrupa Deprem Mühendisliği Birliği: European Association for Earthquake Engineering (EAEE) <b>WG 13: Seismic assessment, design and resilience of industrial facilities</b></p>
<p><b>YAYINLAR(SCI)</b></p>	<p><b>ULUSLARASI HAKEMLİ DERGİLERDEKİ Yayınları</b></p> <ol style="list-style-type: none"> <li>1. K.Pitilakis, S. Argyroudis, S. Fotopoulou, S. Karafagka, J. Selva, E.Salzano, A. Basco, H. Crowley, D. Rodrigues, J. P. Matos, A.J. Schleiss, W. Courage, J. Reinders, Y. Cheng, S. Akkar, <b>E. Uckan</b>, M. Erdik, D. Giardini, A. Mignan "A risk-based multi-level stress test methodology: Application to six critical non-nuclear infrastructures in Europe", <b>Natural Hazards, (2020)</b>, DOI: 10.1007/s11069-019-03828-5.</li> <li>2. <b>Uckan E.</b>, Umut Ö., Şişman F.N., Karimzadeh S., Askan A "Seismic response of base isolated liquid tanks to real and simulated near fault pulse type ground motions", Soil Dynamics and Earthquake Engineering <b>SDEE</b> Volume 112, September <b>2018</b>, 58–68</li> <li>3. Ozdemir, M.A., Kaya, E.S., Aksar, B., Seker, B.S., Cakir, F., <b>Uckan, E.</b>, Akbas, B., "Seismic Vulnerability of Masonry Jack Arch Slabs," Engineering Failure Analysis, Vol. 77, pp. 146-159, July, <b>2017</b>.</li> <li>4. Kaya E.S., <b>Uckan E.</b>, O'Rourke, M., Karamanos, S., Akbas, B., Cakir, F., Cheng, Y. (2016). Failure Analysis of a Welded Steel Pipe at Kullar Fault Crossing, Engineering Failure Analysis Engineering Failure Analysis 71 (<b>2017</b>) 43–62</li> <li>5. Phan, H.N., Paolacci, F., Corritore, D., Akbas, B., <b>Uckan, E.</b>, Shen, J. (<b>2016</b>). Seismic Vulnerability of Liquefied Gas Tanks using Concave Sliding Bearings, Bulletin of Earthquake Engineering DOI 10.1007/s10518-016-9939-y</li> <li>6. Kaya E.S., <b>Uckan E.</b>, Cakir, F., &amp; Akbas B. (<b>2016</b>). 3D Nonlinear Numerical Model for the Response of Buried Steel Pipes at Strike-Slip Fault Crossings, Građevinar 10/2016. 816. GRAĐEVINAR 68 (<b>2016</b>) 10, 815-823.</li> <li>7. Cakir, F., <b>Uckan, E.</b>, Shen, J., Seker, S., &amp; Akbas, B. (<b>2016</b>). Seismic Performance Evaluation of Slender Masonry Towers: a Case Study. The Structural Design of Tall and Special Buildings, 25(4), 193-212.</li> <li>8. <b>Uckan, E.</b>, Akbas, B., Kaya, E. S., Cakir, F., Ipek, C., Makaraci, M., &amp; Ataoglu, S. (<b>2016</b>). Design Issues of Buried Pipelines at Permanent Ground Deformation Zones. Disaster Science and Engineering, 2(2), 53-58</li> <li>9. Cakir, F., <b>Uckan, E.</b>, Shen, J., Seker, S., &amp; Akbas, B. (<b>2015</b>). Seismic Damage Evaluation of Historical Structures During Van Earthquake, October 23, 2011. Engineering Failure Analysis, 58, 249-266.</li> <li>10. Cakir, F., <b>Uckan, E.</b>, Shen, J., Seker, S., and Akbas, B., "Seismic Performance Evaluation of Slender Masonry Towers: A Case Study," The Structural Design of Tall and Special Buildings, <b>2015</b>.</li> <li>11. <b>Uckan, E.</b>, Akbas, B., Shen, J., Wen, R., Turandar, K., Erdik, M., "Seismic Performance of Elevated Steel Silos during Van Earthquake, October 23, 2011," Natural Hazards, Vol. 75, pp. 265-287, <b>2015</b>.</li> <li>12. Michael O'Rourke, Evgueni Filipov, and <b>Eren Uçkan (2015)</b> Towards Robust Fragility Relations for Buried Segmented Pipe in Ground Strain Areas. Earthquake Spectra: August <b>2015</b>, Vol. 31, No. 3, pp. 1839-1858.</li> <li>13. <b>Uckan, E.</b>, Akbas, B., Shen, J., Wen, R., Paolacci, F., and O'Rourke, M., "A Simplified Analysis Model for Determining the Seismic Response of Buried Steel Pipes at Strike-Slip Fault Crossings," Soil Dynamics and Earthquake Engineering, Vol. 75, pp. 55-65, 2015.</li> <li>14. Shen, J., Akbas, B., Seker, O., Doran, B., Wen, R., <b>Uckan, E.</b>, "Seismic Axial Loads in Steel Moment Resisting Frames," International Journal of Steel Structures , DOI 10.1007/s13296-014-, <b>2015</b>.</li> <li>15. Shen, J., Wen, R., Akbaş, B., Seker, O., and <b>Uckan, E.</b>, "Near-Collapse Behavior of Steel Buildings with Non-Ductile Concentrically Braced Frames," Journal of Constructional Steel Research, Vol. 113, pp. 101-114, <b>2015</b>.</li> <li>16. J. Shen, R. Wen, B. Akbas, B. Doran, <b>E. Uckan</b> "Seismic Demand on Brace-intersected Beams in Two-Story X-Braced Frames", Engineering Structures Vol 76 pp 295-312, <b>2014</b>.</li> <li>17. MK Effendi, <b>E Uckan</b> "True Nonlinear Seismic Response Analyses of Soil Deposits" , <u>Procedia Engineering, Volume 54</u>, 2013, Pages 387–400 Maintenance in Civil Engineering (ICRMCE) <b>2013</b></li> <li>18. Abali E., <b>Uckan E.</b>, 2009, "Parametric analysis of liquid storage tanks base isolated by curved surface sliding bearing", Soil Dynamics and Earthquake Engineering 30 (<b>2010</b>) 21–31</li> </ol>

19. Durukal,E., Erdik M., **Uckan,E.** "Earthquake Risk to Industry in Istanbul and Its Management"; 23 June 2007; Springer Science+Business Media B.V. 2007;44:199–212 DOI 10.1007/s11069-007-9119-0;Nat Hazards (2008)
20. **Uckan E** , V.A. Oven and M. Erdik, "A Study of the Response of the Mustafa Inan Viaduct to the Kocaeli Earthquake", Bulletin of Seismological Society of America, 92.1 pp.483-498 February 2002.
21. Oguz Y, Uckan S, Ozden AU, **Uckan E**, Eser A., " Stability of locking and conventional 2.0-mm miniplate/screw systems after sagittal split ramus osteotomy: finite element analysis", Oral Surg Oral Med Oral Pathol Oral Radiol Endod. 2009 Aug;108(2):174-7.
22. Uckan S, Veziroglu F, Soydan S, **Uckan E.**" Comparison of stability of resorbable and titanium fixation systems by finite element analysis after maxillary advancement surgery", J Craniofac Surg. 2009 May;20(3):775-9.

### **E-Kitap bölümleri (Non-SCI)**

- 1) "Cultural Heritage Resilience Against Climate Change and Natural Hazards:Methodologies, Procedures, Technologies and Policy Improvements by Horizon 2020-700191 STORM Project",PISA University Press,**2019** (3 Chapters) .
- 2) Cakir, F., Uckan, E., Akbas, B., Siyahi, B., Kanli, N., Cakit, A. R., & Kaskan, S. G. (2019). Performance-Based Evaluation of Hydrocarbon Steel Pipes Under Internal Pressure. In Seismic Isolation, Structural Health Monitoring, and Performance Based Seismic Design in Earthquake Engineering (Chp.12; pp. 275-284). Springer, Cham.
- 3) "The Increase of Earthquake Awareness in Turkey in the Last Decade" **Uckan E** and Akbas B., NATO ARW, Engaging the Public to Fight the Consequences of Terrorism and Disasters NATO E- Book, Tbilisi Georgia 02-04June 2014.
- 4) "Fast Construction of Blast/Seismic Resistant Prefabricated Residential Buildings", Akbas B and E Uckan, NATO ARW, Engaging the Public to Fight the Consequences of Terrorism and Disasters NATO E- Book, Tbilisi Georgia 02-04June 2014.

### **Seçili Seminer, Konferans, Tebliğ ve Raporlar**

- 1) Dardan Perdibuka, Eren Uckan5 PARAMETRIC ANALYSIS OF BURIED STEEL PIPES AT STRIKE-SLIP FAULT CROSSINGS . Uluslararası Deprem Mühendisliği ve Sismoloji Konferansı 8-11 Ekim 2019 – ODTÜ – ANKARA
- 2) Uckan E. SEISMIC BASE ISOLATION AND RISK MITIGATION of NPPs; Seminar on Isolation Technology for Significant Power Plant Structure and Engineering Behavior of Buffer in Deep Geological Repository for Waste; May 24-26, 2019 Shanghai, China (**Keynote**)
- 3) Eren UCKAN , Integrated SHM and earthquake emergency systems for historical structures: STORM Academy, Lecture, Viterbo , Rome, 2019
- 4) Y. Cheng<sup>1</sup>, S. Akkar<sup>2</sup>, M. Erdik<sup>3</sup> and E. Uckan<sup>4</sup> The performance based assesment of buried hydrocarbon pipes subject to strike slip faults towards performing a risk based approach;The 8th International Symposium on Earthquake Engineering for Lifeline and Critical Infrastructure Systems Shenyang, Liaoning, China, 17-19 October 2018
- 5) Uçkan E, Tanırcan G., Demircioğlu-Tümsa M.B., Alcik H., Cakır F. Akbaş B. "Ongoing Studies On Ephesus Theatre within the scope of STORM PROJECT" 16th European Conference on Earthquake Engineering (16ECEE) 18-21 June, 2018,
- 6) Uckan, E., Akbas, B., Demircioglu, M.B., Kaya, E., Cakir, F., "Seismic Performance of ISU (Kocaeli Municipality) Water Network and Risk Mitigation," Uluslararası Deprem Gerçeği ve Kentleşme Çalıştayı (International Earthquake Realization & Urbanization Workshop – IV), Kocaeli, 16-17 Ağustos, 2017.

- 7) **Uckan, E.**, Dindar, A.A., Cakir, F., Akbas, B., Tanircan, G., Demircioglu, M.B., Giunta G., Charalampos, P., "Tarihi Yapılarda Yapısal Sağlık İzleme ve Deprem Risk Yönetimine İlişkin Bütünleşik Sistemlerin Geliştirilmesi," "International symposium of earthquake risk management of historical structures International Symposium on Earthquake Risk Management of Historical Structures with a Focus on Turkish Guideline (Tarihi Yapılarda Deprem Risklerinin Yönetimi Uluslararası Sempozyumu, Türkiye İçin Hazırlanan Kılavuzun Sunumu), 5-6 Ekim **2017**, İstanbul.
- 8) Uckan E. Factors affecting the seismic performance of critical Infrastructures : Major hydrocarbon pipelines: INGAS toplantısı (Enerji altyapısı ve boru hatları hk.) (2 Kasım 2017,) 7th Natural Gas Congress Programme 2 Kasım **2017**, Perşembe - Haliç kongre merkezi Sadabad Salonu
- 9) Uckan E., "Seismic performances of critical infrastructures" The 4th INTERNATIONAL CIVIL AND INFRASTRUCTURE ENGINEERING CONFERENCE (InCIEC 2017) 7-8 August Grasia Hotel, Semarang, Indonesia, **2017** "Civil and Infrastructure Eng. Conf." (Keynote) <http://inciec.uitm.edu.my/2017/>
- 10) Eren Uckan, Bulent Akbas, Ercan Şerif Kaya, Ferit Çakır, Cengiz Ipek, Murat Makaracı, Şenol Ataoğlu DESIGN ISSUES OF BURIED PIPELINES AT PERMANENT GROUND DEFORMATION ZONES Natural Disasters and Disasters Management Symposium (DAAYS'16), March 2-4, **2016**, Karabuk, Turkey
- 11) Eren Uckan, Önder Umut, Gülen Uncu, Ken Hatayama, Ferit Çakır, Bulent Akbas Seismic response of base Isolated liquid storage tanks to near fault pulse type ground motions, 3TDVSK July **2015** Izmir.
- 12) **E**Uckan, B Akbas, F Paolacci, J Shen, E Abalı Seismic protection of liquid storage tanks by sliding isolation bearings Proceedings of the ASME 2014 Pressure Vessels & Piping Conference PVP2015 ASME PVP conference Boston TANK June **2015**.
- 13) B Akbas, M O'Rourke, E Uckan, J Shen, M Caglar, Performance-based design of buried steel pipes at fault crossings Proceedings of the ASME 2014 Pressure Vessels & Piping Conference PVP2015 ASME PVP conference Boston TANK June **2015**
- 14) F Paolacci, E Uckan OPTIMAL PASSIVE CONTROL OF ADJACENT STRUCTURES USING VisCOUS DEVICES Proceedings of the ASME 2014 Pressure Vessels & Piping Conference PVP2015 July 19-23, **2015**, Boston, Massachusetts, USA.
- 15) E. Uckan, B. Akbas, F. Cakir, J. Shen, M. O'Rourke, M. Caglar, F. Paolacci PERFORMANCE EVALUATION OF BURIED STEEL PIPES SUBJECT TO STRIKE SLIP FAULT OFFSETS COMPDYN 2015 5th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering M. Papadrakakis, V. Papadopoulos, V. Plevris (eds.) Crete Island, Greece, 25-27 May **2015**.
- 16) Fabrizio Paolacci, Renato Giannini, Eren Uckan, Bulent Akbaş, Daniele Corritore, "Seismic Response Mitigation of Elevated Tanks By Hybrid and Fps Isolation Systems" , 2ECEES, August 25-29 Istanbul **2014**.
- 17) Rou Wen , Bulent Akbas, Bilge Doran, Eren Uckan, Onur Seker, Pinar Seker, and Jay Shen. "Comparative Seismic Designs Of Scbf Using AISC 341-05 and AISC 341", 10th Tenth U.S. National Conference on Earthquake Engineering Frontiers of Earthquake Engineering July 21-25, Anchorage, Alaska **2014**.
- 18) M Erdik, E. Uçkan "Earthquake Damage and Fragilities of Industrial Facilities", Proceedings of the International Conference on Seismic Design of Industrial Facilities ( SeDIF - Conference) eBook pp 3-13, Springer Fachmedien Wiesbaden Doi: 10.1007/978-3-658-02810-7\_1, **2014**.
- 19) E Uckan. "Lifeline Damage Caused In the 23 October (Mw= 7.2) 2011 and 9 November (M= 5.6) 2011, Van Earthquakes in Eastern Turkey", International Efforts in Lifeline Earthquake Engineering, ASCE Technical Council on Lifeline Earthquake Engineering, Monograph No:38, (Proceedings of Sixth China-Japan-US Trilateral Symposium on Lifeline Earthquake Engineering, Chengdu China June, **2013**.
- 20) Cem Yenidogan, Eren Uckan, Mustafa Erdik, "Shake Table tests of a Passive Hybrid Isolation System", Second Conference on Smart Monitoring Assessment and Rehabilitation of Civil Structures SMAR **2013**.

- 21) Uçkan, E. "Shake Table Tests of Non-Structural Building Cladding Elements" The 11th Arab Structural Engineering Conference, 25-27 October **2009**, KFUPM, Dhahran, Saudi Arabia.
- 22) Uçkan, E., Durukal, E., Sesetyan K., Demircioğlu M. and Erdik, M.; "Earthquake Risk in the Istanbul Metropolitan Area and It's Mitigation" ; INGV, Roma, Italy, February, **2009**.
- 23) Uçkan, E.; "Shaking Table Tests of a 1:4 Scaled Base Isolated Three Story Mass Eccentric Steel Structure", P(113) Third International Conference on Engineering Failure Analysis (ICEFA-III), Sitges Nr Barcelona Spain, 13-16 July, **2008**.
- 24) Uçkan E. and Safak E.; "In-Plane Racking Tests Of Building Cladding Elements" P(114) ICEFA-III Conference, Sitges Nr Barcelona Spain, 13-16 July, **2008**.
- 25) Uçkan, E., Durukal, E., Sesetyan K., Demircioğlu M. and Erdik, M.; "Earthquake Risk in the Istanbul Metropolitan Area and It's Mitigation" ; Seismicity and Earthquake Engineering in the Extended Mediterranean Region, A Joint Meeting of RELEMR (Reduction of Earthquake Losses in the Extended Mediterranean Region) and the UNESCO Ibero-Maghreb Initiative, Madrid, Spain, 26 – 29 November 2007.
- 26) Eren Uçkan, Cem Yenidoğan, Cüneyt Tüzün, Mustafa Erdik; "Seismic Isolation Applications and Current Research Practice in Turkey", Structural Engineers World Congress, Bangalore, India, November 2-7, 2007.
- 27) E. Uçkan and E Safak; "In-Plane Racking Tests Of Building Cladding Elements", Experimental Vibration Analysis for Civil Engineering Structures", EVACES07 Conference, Porto, Portugal, 24-26 October, 2007.
- 28) Emre Abali, Uçkan, E., "Seismic Response Of Base Isolated Liquid Storage Tanks", 10th World Conference on Seismic Isolation, Energy Dissipation and Active Vibrations Control of Structures, Istanbul, Turkey, May 28-31, 2007.
- 29) Eren Uçkan, "Earthquake Risk in Industrial Facilities", INDM'07, Feb.2007, Tahrn, Iran.
- 30) E. Uçkan, C.Tuzun, G Onem and M. Erdik , "Earthquake Response Of A 1:4 Scaled Mass Eccentric Three Story Steel Structure Seismically Isolated By FPS Type Sliding Isolation System, 1st IC-EpsMsO 1st International Conference on Experiments/Process/System Modelling/Simulation/Optimization Athens, Greece 6-9 July, 2005
- 31) Uçkan and G. Önem; "Pre and Post Earthquake Structural Assesments and Retrofit Criteria of Bolu Viaduct 1", The 2nd TURKEY -U.S. Workshop On Seismic Design And Retrofit Of Highway Bridges, General Directorate Of Highways - Federal Highway Administration (KGM), 20-24 Sept, 2004.
- 32) Uçkan, Durukal, E., Demircioğlu, Siyahi B., M. and Erdik, M.; "Observed damage at buried pipelines during the 1999 Kocaeli (Izmit) –Turkey, Earthquake" European Geosciences Union (EGU) General Assembly, EGU 05-A-10583 p.295, Vienna, 24-29 April 2005.
- 33) Yüzügüllü, Ö., Uçkan, E. and Tüzün, C.; "An Overview of Seismic Performance of Hospitals in Turkey, IZIS 40th Anniversary, EEe-21 Conference, Macedonia, Skopje, Ohrid, August 26th - Sep 2nd, 2005.
- 34) Uçkan, E, Demircioglu, M., Siyahi Bilge, and Erdik, M.; "Observed Damage to Buried Pipelines", International Symposium on the Geodynamics of Eastern Mediterranean, Active Tectonics of the Aegean", Kadir Has University, Istanbul, 15-18 th June 2005.
- 35) Uçkan E., "Premier séminaire national ", Sur mobilisation et l'exploitation es ressources en eau, Universite Hadj Lakhdar Batna, Faculte Des Sciences De L'ingenieur, Departement D'Hydraulique, 12 et 13 Decembre 2005, presentation, Batna, Algeria.
- 36) Eren Uçkan, Nesrin Kiliç, Eser Durukal ve Mine Demircioğlu, "Gömülü Boruların Deprem Davranışlarının İncelenmesi", IZGAS Semineri, Hyatt Regency İstanbul, 31 Mart 2005.
- 37) Eren Uçkan, " Research on Seismic Isolation in Turkey", CAST Conference (Conference on Anti Seismic Technologies, FIP Industrialize-KOERI); Kandilli Rasathanesi konferans salonu, " Research on Seismic Isolation in Turkey", Sponsors: ENEA, University of Roma, Italian Chamber of Commerce, June 7, 2005.

	<p>38) E. Uckan, W. Mourtaja G Onem, M. Erdik ,“Earthquake Response Of A 1:4 Scaled Three Story Steel Structure Seismically Isolated By FPS Type Sliding Isolation System, Proceedings of theThird European Conference on Structural Control, 3ECSC, 12-15 Sep. 2004, Vienna University of Technology, Vienna, Austria Austria.</p> <p>39) E.Uckan and G. Önem; “Pre and Post Earthquake Structural Assesments and Retrofit Criteria of Bolu Viaduct 1”, The 2nd TURKEY - U.S. Workshop On Seismic Design And Retrofit Of Highway Bridges,General Directorate Of Highways - Federal Highway Administration (KGM), 20-24 Sept,2004.</p> <p>40) Uckan,E., Celep U., N. Apaydin, “ Earthquake Performance of the Bridges and Remedial Actions in the Aftermath of the 1999 Turkey Earthquakes”, EERI Project, August 2002, Under the general coordination of M. Erdik and N. Aydinoğlu.</p> <p>41) Durukal,E., Uckan, E., Şeşetyan and M. B. Demircioğlu , “Earthquake Risk Assessment of Industrial Facilites in the Istanbul Metropolitan Area”; Under the general coordination of M. Erdik;Funded by , Münchener Rück Munich Re Group ,May 2002 Istanbul.</p> <p>42) Akbaş,B, Uckan,E. and Shen,J. “Seismic Behavior and Push-over Analysis of M.Inan Viaduct”, 12th European Conference on Earthquake Engineering, Paper No: 042 ECEE, London, UK,.September 2002.</p> <p>43) Uckan ,E. and M. Erdik, ” Search for Alternative Methods for the vibration control of heavy textile machinery” 4th GRACM Congress on Computational Mechanics, National Technical University of Athens, Patras, Greece. 27-29 June, 2002</p> <p>44) E Uckan, YM Fahjan, M Erdik (2001), A simplified lumped parameter model for non-linear soil-structure interaction analyses of structures, Extended Abstract of Soil Dynamics and Earthquake Engineering Conference, SDEE'2001.</p> <p>45) Uckan, E. , Ak, S. and S.Uckan, “ Finite Element Modeling for the fixation of mandible fractures”, The Engineering in Medicine and Biology Society of the IEEE, EMBC2001, Istanbul Hilton,Istanbul, 27 October,2001.</p>
<p>ARAŞTIRMA PROJELERİ</p>	<ul style="list-style-type: none"> <li>• <b>STORM EU-H2020 (2016-2019)</b> Safeguarding of Cultural Heritage Through Technical and Organizational Resources Management; (Toplam bütçe:7.3M EUR) BU: 305k EUR, Türk tarafının <b>proje yürütücüsü</b></li> <li>• PROJE KODU : 12740 PROJE TİPİ : TAMAMLAYICI DESTEK (M) BOUN KOD : 17TM4 PROJE ADI : Efes (Celsus) Kütüphanesi'nin yapısal performansının sismik veriler ile değerlendirilmesi <b>2018-</b> (Yürütücü)</li> <li>• <b>STREST EU-FP7</b> Project No:603389 Harmonized approach to stress tests for <u>critical infrastructures</u> against natural hazards <b>2013-2016</b>; Bütçe: 2.3M EUR <b>Araştırmacı</b></li> <li>• <b>MarDIM</b> Project (Japan-Turkey):Studies of Earthquake Generation and Ground Motion in the Marmara Sea Region and Their Applications to Disaster Mitigation in Turkey (2013-2016) <b>Araştırmacı</b> , Bütçe: 2.3M EUR</li> <li>• <b>BAP</b> (BU Araş. Fonu) : Project code: 9003 Seismic isolation of elevated atmospheric tanks; Yürütücü (2014-2016) Bütçe: 10k EUR</li> <li>• <b>BAP</b> (BU Araş. Fonu): 5715 :SSI Earthquake Response of Industrial High-Pressure Surge Vessels; Yürütücü(2014) Bütçe:10k EUR</li> <li>• <b>ESNET</b> European Union Joint Managing Authority of the Joint Operational Program "BLACK SEA " Black Sea Cross Border Cooperation' Blacksea Earthquake Safety Net: European Union through European Regional Development Fund, Türk tarafı ikinci yürütücüsü :2013. Bütçe:1.3M EUR</li> </ul>

	<ul style="list-style-type: none"><li>• <b>NATO SİP</b> Seismic hazard and Risk Assessment for Trans-Caucasian Oil and Gas Pipelines, NATO Science for Peace Project; (<b>2011-2014</b>: Arařtırmacı).</li><li>• <b>EERI Project</b>, “ Earthquake Performance of the Bridges and Remedial Actions in the Aftermath of the 1999 Turkey Earthquakes”, August 2002. (Arařtırmacı)</li><li>• <b>Munich Re Group</b>, “Earthquake Risk Assessment of Industrial Facilities in the Istanbul Metropolitan Area”; MÜNCHENER RÜCK, (Arařtırmacı), Mayıs 2002 İstanbul</li></ul>
<b>Danışmanlık</b>	<b>Kocaeli Büyükşehir Belediyesi Su ve Kanalizasyon Müdürlüğü (İSU) (2016-2019)</b>
<b>Testler</b>	<b>Yüksek bina cephe kaplama elemanlarının sismik test ve sertifikasyonu</b> <ul style="list-style-type: none"><li>• <b>Zorlu Center</b>, Mangan İnşaat, Architect: Tabanlıoğlu Ltd.,İstanbul-Zincirlikuyu, Nov.2010</li><li>• <b>Istanbul Kanyon</b>, A joint venture of Eczacıbaşı Holding and Is Real Estate Investment Trust; July, 2005, İstanbul</li><li>• <b>Istanbul Kanyon</b>, A joint venture of Eczacıbaşı Holding and Is Real Estate Investment Trust, Impact Resistance Tests on the Stone Claddings” Sept 2005. İstanbul</li><li>• <b>Kazkommertzbank</b>, Almaty, Kazakhstan; Sept. 2007, KOERI, İstanbul</li><li>• <b>Esentai Tower</b>, Project, Almaty, Kazakhstan; August, 2007, KOERI, İstanbul</li><li>• <b>Sapphire Tower</b>, Architect: Tabanlıoğlu Ltd.,İstanbul-Levent August, 2007, KOERI, İstanbul</li><li>• <b>Trump Towers</b>, Designer : Brigitte Weber Architects, Contractor: Tasyapı Tr.,2008, Sisli, İstanbul.</li><li>• <b>Sun Plaza</b>, Mashattan, Levent İstanbul, 2007</li></ul> <p><b>Not:</b> Geliştirilen test sistemi, Türkiye Yüksek Bina Yönetmeliğı (2008) Versiyon 4, Bölüm 5.4 (sayfa :23) da yer almaktadır.</p>