

Güney Özcebe

ADDRESS

Dean
TED University
Engineering and Architecture Faculty
Ziya Gökalp Caddesi No.48
06420, Kolej, Çankaya, ANKARA

T: +90 (312) 585-0017

F: +90 (312) 418-4148

PERSONAL INFORMATION

- Place and Date of Birth: İstanbul, September 8, 1957
- Marital Status: Married, 2 children

EDUCATION

- PhD, 1987, University of Toronto, Canada
- MSc, 1981, Middle East Technical University, Ankara
- BSc, 1987, Middle East Technical University, Ankara

RESEARCH FIELDS

- Structural Engineering
- Earthquake Engineering
- Reinforced Concrete Buildings

ACADEMIC EXPERIENCE

TED University

- Full Professor, September 2013 – present 1987

Middle East Technical University

- Full Professor, September 1991 – September 2013
- Associate Professor, October 1991 – September 1998
- Assistant Professor, January 1988 – October 1991
- Instructor, September 1987 – January 1988
- Research Assistant, April 1980 – September 1987

Toronto Üniversitesi

- Research Assistant, Department of Civil Engineering, October 1982 – June 1987
- Teaching Research Assistant, Department of Civil Engineering, October 1982 – June 1986
- Teaching Assistant, Department of Mathematics, October 1984 – June 1986

ADMINISTRATIVE EXPERIENCE

Code Drafting Committee Member; Guidelines for the Assessment of Seismic Risk of Existing Structures, Ministry of Environment and Urbanization, 2012
Chairman, Department of Civil Engineering at Middle East Technical University (METU), December 2006 – October 2012
Elected Member of the Engineering Faculty Administration Board, METU, 1988 – 1991
Elected Member of the Engineering Faculty Academic Board, 1991 – 1994
Member of the Engineering Faculty Research Funding Commission, 2000 – 2006
Administrative Board Member, Earthquake Engineering Research Center, METU, 1995 – 2004
Founding Chairman, Structural Engineering Research Unit, METU, 2001 – 2006
Code Drafting Committee Member; TS500 – Reinforced Concrete Code of Practice, 1995-2000
Turkish Delegate to International Standards Organization Technical Committee (ISO TC/71) on Concrete, Reinforced Concrete and Prestressed Concrete, 2000-2010
Voting Member of American Concrete Institute Committee 314, 2004 – present
Member of American Concrete Institute Committee 318W, 2000 – present

AWARDS & PRIZES

- Registered in Faculty Dean's List for Academic Performance, 2000, 2002, 2003, 2004, 2005, 2006, 2007, 2009, 2010, 2012
- NATO 2004 Summit Science Prize, <http://www.nato.int/science/news/2004/n040615b.htm>
- University of Toronto Open Fellowship, 1982 – 1987
- Fulbright Scholarship, 1982 (not used)

MEMBERSHIPS

- Turkish Chamber of Civil Engineers, 1979 - present
- American Concrete Institute, 1985 - present
- Turkish Association for Bridge and Structural Engineering, 1988 - present
- Turkish Association of Earthquake Engineering, founding member, 2009 – present

Projects

A) PROJECTS ON CAPACITY BUILDING IN EARTHQUAKE ENGINEERING EDUCATION AND RESEARCH

A1) MEEES: ERASMUS MUNDUS Masters Course on Earthquake Engineering and Engineering Seismology

A1) The MEEES Erasmus Mundus Masters Course Program in the field of Earthquake Engineering and Engineering Seismology

Central coordination is carried out by: Institute for Advanced Study/University of Pavia

National Coordinators: Dr. Haluk SUCUOĞLU, Dr. Güney ÖZCEBE

Webpage: <http://www.meees.org/>

The MEEES Masters Course Program had been prepared by a consortium comprising four academic institutions, namely (i) the Institute for Advanced Study of Pavia (IUSS), (ii) the University of Patras, (iii) the University of Grenoble 1 “Joseph Fourier” and (iv) Middle East Technical University. “The MEEES Proposal” was among the 170 masters degree proposals submitted to the commission within the framework of FP7 EM II Master Courses (Action 1). MEEES Masters Course Program was the first and the only Erasmus Mundus Masters Program in which a Turkish partner took place.

Graduate students involved in this Erasmus Mundus Masters course have the possibility of following a 18-month MSc programs on either Earthquake Engineering or Engineering Seismology. In addition, the proposed EM Masters course envisages also the possibility of students following a 18-month study program that leads to the attainment of a Masters degree on Earthquake Engineering and Engineering Seismology.

MEEES graduates will be awarded a Joint Masters degree diploma by the Rectors of the Istituto Universitario di Studi Superiori, the University of Patras, the University of Grenoble 1 “Joseph Fourier” and the Middle East Technical University. The official language is English. Admission to the course depends mainly on academic qualifications, past professional experience, reference letters and English proficiency.

A total of 11 students from different Turkish universities were enrolled with the MEEES program. Half of them have already finished their studies and the others are carrying out their studies in the partner institutions. Until now 6 students from Canada to Pakistan took courses in the Department of Civil Engineering of METU and two of these students are currently working on their thesis. Their thesis work is supervised by METU-CE Faculty.

A2) CyBER: Capacity Building in Earthquake Research for Risk Reduction in Urban Environments

Principal Coordinator: Dr. Haluk SUCUOĞLU, Co-Coordinator: Dr. Güney ÖZCEBE

Final Report: <http://cordis.europa.eu/documents/documentlibrary/121978991EN6.pdf>

CyBER project was developed in relevance to the Seismic Risk Reduction RTD activities of the 6th Framework Programme to initiate implementations for safer urban environments, hence to search for methods for reducing exposure to seismic risk. It was aimed at increasing the capacity of METU's Earthquake Engineering Research Center (METU-EERC) to a center of excellence. Furthermore, collaboration of METU_EERC with the expert seismic research institutions of Europe within the scope of the project also increased the level of scientific co-operation, technical capabilities and enhancement of human potential.

The European Community funds allocated to this project was 650,000 EUR. Middle East Technical University acceded to the contract in accordance with the procedures referring to a financial contribution for the implementation of this project within the framework of the specific research and technological development program 'Integrating and Strengthening the European Research Area'. The duration of the project was 36 months spanning between 2005 and 2008

At the end of project activities METU-EERC has gained a pseudo-dynamic testing facility where earthquake simulation tests of 6 meters high 10 meters wide and 10 meters long structural systems or components can be made. METU-EERC testing facility is the largest facility of its kind in Turkey.

B) MAJOR RESEARCH PROJECTS IN STRUCTURAL AND EARTHQUAKE ENGINEERING

B1) Investigation of Various Structural Rehabilitation Methods by Pseudo-dynamic Protocols (TÜBİTAK-106M451)

Research Team: Dr. Güney Özcebe, Dr. Barış Binici, Dr. Erdem Canbay, Dr. Özgür Kurç

The 106M451 TUBITAK Project titled "Investigation of Strengthening Procedures by Pseudo Dynamic Testing" had a total budget of 342.150 ₺. The Project was conducted between February 1 2007 and June 1 2010. Five international peer-reviewed conference proceeding and two journal publications were printed by using the results from the project. A final national journal publication summarizing all the results is under preparation.

The Project focused on pseudo-dynamic testing of 1/2 scale-2 story-3 three bay RC frames with and without structural retrofits. The conducted pseudo dynamic tests are a premier in pseudo dynamic testing in the nation. Efe Gokce Kurt, who was funded by the project graduated with a Master of Science Degree by submitting his thesis based on the outcomes of the project and he is now a Ph.D. candidate in Purdue University.

At the end of extensive testing program valuable data was acquired and this data will be used in the development of next generation seismic codes.

B2) Evaluation and Advancement of the Seismic Assessment and Strengthening Methods in the Turkish Seismic Code through Experimental and Analytical Research (TÜBİTAK KAMAG 1007, 108G034, 2010-2013)

Principal Coordinator: Dr. Haluk Sucuoğlu

Project Team: Dr. Sinan Akkar, Dr. Barış Binici, Dr. Burcu Burak, Dr. Erdem Canbay, Dr. Altuğ Erberik, Dr. Özgür Kurç, Dr. Güney Özcebe, Dr. Ahmet Yakut

The research outlined in this proposal focusses on the consistency of different seismic performance assessment techniques and strengthening methodologies proposed for existing buildings, their applicability in the practice, and their conformity to the procedures employed in the technical guidelines of other earthquake prone countries. The first phase of the proposed experimental research studies is on the experimental verification of performance acceptance criteria stated in the Turkish Seismic Code for different structural components. The aim of the second phase of experimental research is to develop the most efficient and feasible strengthening methods for especially the school buildings. This study founded on the test-bed of the previous study (Project B1) also uses the new dynamic simulation system (pseudo-dynamic testing system) which has been developed in the Structural Mechanics Laboratory of the Middle East Technical University, with a funding from the EC Framework 6 Programme. The total duration of the project is foreseen as three years. In accordance with the results obtained from the proposed research, necessary corrections and improvements will be made in the Code in order to establish safe and reliable methods and regulations for achieving efficient risk reduction in existing seismically vulnerable buildings.

There are currently 9 researchers and 4 MS and/or Ph.D. students working in different project packages. Project activities are expected to end by June 2013.

B3) Seismic Assessment and Rehabilitation of Existing Buildings (NATO SfP9977231)

NATO Country Project Director: Dr. Güney Özcebe

Partner Country Coordinators: Dr. Mihail Garevski, Macedonia, Dr. Michael Fardis and Dr. Kyriazis Pitilakis, Greece, Dr. James O. Jirsa, USA.

National Project Team: Please visit <http://www.seru.metu.edu.tr/org.html> for detailed information.

The general objective of this study was to develop simple methodologies for the seismic vulnerability assessment and sound, practical and economical rehabilitation techniques for seismically vulnerable buildings in Turkey and Greece. Seismic evaluation and rehabilitation works of the existing buildings necessitate participation of a large number of practicing engineers. However, these tasks require special expertise. Therefore, a major thrust of this project was to develop engineer-training programs to enhance the knowledge of the practicing engineer and to disseminate the findings and the end-results of the proposed research program.

The proposed project had three specific goals. The first goal was to develop methodologies for the seismic vulnerability assessment of the existing buildings, which will offer guidance for engineers in evaluating existing buildings that might present unacceptable risk to life-safety in future earthquakes. To preserve life-safety in buildings that are identified as weak, it is necessary to provide strengthening that conforms to acceptable safety standards under earthquake forces. This leads to the second goal of the proposed project

that was to develop simple, effective and economical strengthening techniques and strategies, which are applicable to buildings in use in Balkan countries. The final goal is the dissemination of the knowledge gained.

Project was financed by the Science for Peace program of NATO. The total NATO funds allocated for the project was 711,000 EUR. A matching amount (cash and in-kind) was provided by Turkey. TÜBİTAK has funded this project via "Structural Engineering Research Unit-SERU" projects summing up to 595,000 USD; please see <http://www.seru.metu.edu.tr/> for further details.

During the project activities a thorough three-tier seismic vulnerability assessment methodology was developed to assess the seismic vulnerability of existing buildings on a regional scale. This methodology was used by the Istanbul Metropolitan Municipality to assess the regional seismic vulnerability of Zeytinburnu, Fatih and Küçükçekmece districts of Istanbul. More than 150,000 buildings were assessed within the framework of this assessment studies.

Moreover two occupant friendly retrofit techniques to upgrade the seismic safety of existing buildings and two innovative rehabilitation techniques were developed. As they do not require the evacuation of the building under consideration, these rehab technologies are of special value especially when the rehabilitation of large building stocks is under consideration. Through the course of the project, necessary verification studies and a pilot application were conducted to validate the reliability of the methodologies proposed. For this purpose a 10-story building in Antakya was rehabilitated in 6 months without evacuating the occupants of the building during rehab work; see http://www.nato.int/ebookshop/video/six_colours/SixColours.swf for further details.

Over the four years of its tenure, the project has brought together researchers from four countries, namely Macedonia, Greece, Turkey and the United States. In the joint research activities, research teams from 7 different research institutes and universities collaborated for the common goal of earthquake risk mitigation in big cities. A total of 5 Ph.D. and 16 MS students completed their graduate studies.

B4) Studies on High-Strength and High-Performance Concrete

Research Team: Dr. Guney Ozcebe, Dr. Uğur Ersoy, Dr. Tuğrul Tankut, Dr. Erdem Canbay

In these studies the behavior of reinforced concrete beams and columns made of high-strength concrete were investigated under static and reversed-cyclic loading. Studies spread over a time span from 1992 to 1999. Numerous tests were performed to assess the performance of such elements. Test parameters included the concrete strength and reinforcement details. At the end of extensive experimental investigation design tools were proposed for safer design of reinforced high-strength concrete members. Among which the "definition of the minimum shear reinforcement requirement" [based on a sound solid-mechanics formulation, which was fine-tuned by the test results] was adopted as a design tool by the American Concrete Institute in 2002. In all four different code cycles ACI 318: Building Code Requirements for Structural Concrete cites the paper published by Ozcebe, Ersoy and Tankut (1999).

These studies were financed by TÜBİTAK, through MAG and İÇTAG channels. During the course of these studies 5 MS theses have been completed. Three prestigious papers were published in highly cited magazines.

A summary of R&D activities under B-type research activities is given below.

(TÜBİTAK & NATO PROJECTS ONLY)

- Investigation and Development of Performance Based Assessment Methodologies for New Generation Seismic Codes
- TÜBİTAK (KAMAG), 775,000 USD, 2010-2013, Co-coordinator, National
- Investigation of Various Structural Rehabilitation Methods by Pseudo-dynamic Protocols
- TÜBİTAK (1001), 248,839 USD, 2007-2010, Principal Investigator, National
- Harmonization of Seismic Hazard and Risk Reduction in Countries Influenced by Vrancea Earthquakes
- NATO SfP, 371,811USD, 2005-2009, Principal Investigator, International
- Strengthening of Infilled Frames by Using Wire-Mesh Reinforcement
- TÜBİTAK (İÇTAG), 34,576 USD; 2005-2008, Researcher, National
- Ductile Hybrid Connections in Prefabricated Beam-Column Connections
- TÜBİTAK (İÇTAG), 27,905 USD, 2003-2005, Researcher, ational
- Seismic Assessment and Rehabilitation of Existing Buildings
- NATO SfP, 669,043 USD, 2001-2006, Principal Investigator, International
- Structural Engineering Research Unit
- TÜBİTAK (İÇTAG), 595,000 USD, 2001-2006, Principal Coordinator, National
- Effect of RC Infills on the Seismic Behavior of Structures
- TÜBİTAK (MAG), 41,085 USD, 1999-2001, Principal Investigator, National
- Seismic Energy Dissipation in Prefabricated RC Frames by Formation of Plastic Hinges
- TÜBİTAK (MAG), 30,570 USD, 1995-1997, Researcher, National
- Seismic Behavior of RC Frames Strengthened with RC Infills
- TÜBİTAK (MAG), 57,200 USD, 1994-1998, Principal Investigator, National
- Investigation of the Behavior of High Strength RC Members
- TÜBİTAK (MAG), 46,300 USD, 1991-1994, Principal Investigator, National

Theses Supervised

1. Contribution of RC infills to the seismic behaviour of structural systems [Betonarme dolgu duvarların yapıların sismik davranışları üzerine etkileri] / Erdem Canbay / Uğur Ersoy, Güney Özcebe / Ph.D [Doktora] / 2001
2. Hysteretic response of reinforced concrete frames repaired by means of reinforced concrete infills [Betonarme dolgular ile güçlendirilmiş çerçevelerin deprem davranışı] / Musa Onur Sonuvar / Güney Özcebe / PhD [Doktora] / 2001
3. Improving ductility and shear capacity of reinforced columns with carbon fiber reinforced polymer [Betonarme kolonların sünekliğinin ve kesme kapasitesinin karbon fiber lifli polimer ile iyileştirilmesi] / Okan Özcan / Güney Özcebe, Barış Binici / PhD [Doktora] / 2009

4. Seismic strengthening of masonry infilled R/C frames with steel fiber reinforcement [Dolgu betonarme çerçevelerin çelik tel donatı uygulaması ile depreme karşı güçlendirilmesi] / Tuğçe Sevil / Erdem Canbay, Güney Özcebe / PhD [Doktora] /2010
5. Improvement of punching strength of flat plates by using carbon fiber reinforced polymer (CFRP) dowels [Düz döşemelerin zımbalama dayanımının karbon fiber takviyeli polimer (CFRP) dübeller kullanılarak iyileştirilmesi] / Hakan Erdoğan / Güney Özcebe, Barış Binici / PhD [Doktora] / 2010
6. Strengthening of brick infilled RC frames with CFRP reinforcement-general principles [Boşluklu tuğla dolgu duvarlı betonarme çerçevelerin CFRP şeritlerle güçlendirilmesi-genel prensipler] / Emre Akın / Güney Özcebe / PhD [Doktora] / 2011
7. Seismic performance evaluation of reinforced concrete frames with psd testing [Betonarme çerçevelerin dinamik benzeri deneylerle deprem davranışlarının belirlenmesi] /Pourang Ezzatfar / Güney Özcebe / PhD [Doktora] / devam ediyor
8. Modelling of the hysteretic flexural and shear responses of RC members subjected to simulated seismic loading / C.Hakan Balcı / Güney Özcebe / MS [Yüksek Lisans] /1989
9. Use of expanded metals as shear/confinement reinforcement in concrete members phase 1: Axially loaded columns / Mehmet Seçkin Yanarates / Güney Özcebe / MS [Yüksek Lisans] / 1990
10. A Comparative study on confinement models for concrete [Beton sargı modelleri üzerine karşılaştırmalı bir çalışma] / Sadettin Korkmaz / Güney Özcebe / MS [Yüksek Lisans] / 1992
11. An experimental study on minimum flexural reinforcement for high strength concrete beams [Yüksek dayanımlı betonla yapılan eğilme elemanları için minimum çekme donatısı üzerine deneysel bir inceleme] / Hasan Başaran / Güney Özcebe / MS [Yüksek Lisans] /1993
12. An experimental study on minimum web reinforcement for high strength concrete beams short shear span [Yüksek dayanımlı betondan yapılan kısa açıklıklı kirişlerde minimum kesme donatısı üzerine deneysel bir inceleme] / Kerem Kurluva / Güney Özcebe / MS [Yüksek Lisans] / 1994
13. An experimental study on minimum shear reinforcement for high strength concrete beams [Yüksek dayanımlı betonla yapılan kesme elemanları için minimum kesme donatısı üzerine deneysel bir inceleme] / Sinan Sina Kaya / Güney Özcebe / MS [Yüksek Lisans] / 1994
14. Uniaxially loaded high strength concrete spiral columns [Eksenel yüklü fretli yüksek dayanımlı beton kolonlar] / Önder Tümer / Güney Özcebe / MS [Yüksek Lisans] / 1995
15. Behaviour of high strength concrete columns under eccentric compression-tied column [Eksentrik yüklü yüksek dayanımlı beton kolonların davranışı-etriyeli kolonlar] / Erdem Canbay / Güney Özcebe / MS [Yüksek Lisans] / 1995

16. Uniaxially loaded normal strength spiral columns [Eksenel yüklü fretli normal dayanımlı beton kolonlar] / Feridun Cahit Yalduz / Güney Özcebe / MS [Yüksek Lisans] / 1997
17. Behaviour of high strength concrete columns under strain gradient-tied columns [Düzgün değişen birim deformasyon altında yüksek dayanımlı beton kolonların davranışı] / Ahmet Yıldırım / Güney Özcebe / MS [Yüksek Lisans] / 1997
18. Uniaxially loaded high strength concrete spiral columns part II [Eksenel yüklü yüksek dayanımlı beton kolonlar, ikinci bölüm] / Güney Özcebe; Uğur Ersoy / Zeki Burak Koru / MS [Yüksek Lisans] /1998
19. Minimum flexural reinforcement requirement of reinforced concrete beams [Donatılı beton kirişlerde minimum eğilme donatısı] / Mustafa Çalışkan / Danışman: Prof.Dr. Güney Özcebe / MS [Yüksek Lisans] /1999
20. Minimum flexural reinforcement requirement of high strength concrete T-beams with flange in tension [Tablası çekme altında kalan yüksek dayanımlı t-kirişlerde minimum eğilme donatısı] / Nazan Yılmaz Öztürk / Danışman: Prof.Dr. Güney Özcebe / MS [Yüksek Lisans] / 2001
21. A New methodology for the seismic assessment of existings buildings in Tukey [Türkiye'deki mevcut binaların deprem güvenilirliğinin tespiti için yeni bir yöntem] / Ali Cihan Pay / Danışman: Prof.Dr. Güney Özcebe / MS [Yüksek Lisans] / 2001
22. Behavior of brick infilled reinforced concrete frames strengthened by CFRP reinforcement: Phase II [CFRP ile güçlendirilmiş tuğla dolgulu betonarme çerçevelerin davranışı: Kısım II] / Emrah Erduran / Danışman: Prof.Dr. Güney Özcebe / MS [Yüksek Lisans] / 2002
23. Behavior of brick infilled reinforced concrete frames strengthened by CFRP reinforcement: Phase I [CFRP ile güçlendirilmiş tuğla dolgulu betonarme çerçevelerin davranışı: Kısım I] / Rıza Secer Orkun Keskin / Danışman: Prof.Dr. Güney Özcebe / MS [Yüksek Lisans] / 2002
24. Seismic evaluation of school buildings after the 12 November 1999 Düzce earthquake [12 Kasım 1999 Düzce depreminin ardından okul binalarının sismik değerlendirilmesi] / Hasan Aydın Peköz / Danışman: Prof.Dr. Haluk Sucuoğlu – Prof.Dr. Güney Özcebe / MS [Yüksek Lisans] / 2002
25. Seismic performance assessment of a residential building in Düzce during the 12 November 1999 Düzce earthquake [Düzce'deki bir konut binasının 12 Kasım 1999 Düzce depremi'ndeki sismik performansının değerlendirilmesi] / Serhat Bayılı / Danışman: Prof.Dr. Haluk Sucuoğlu – Prof.Dr. Güney Özcebe / MS [Yüksek Lisans] / 2002
26. Seismic vulnerability assessment of existing reinforced concrete buildings in Turkey [Türkiye'deki mevcut betonarme binaların deprem hasar görülebilirliklerinin tahmini] / Volkan Aydoğan / Danışman: Prof.Dr. Güney Özcebe – Prof.Dr. Semih Yüceci / MS [Yüksek Lisans] / 2003

27. An analytical study on minimum confinement in spiral columns [Fretli kolonlarda minimum sargı donatısı üzerine analitik bir alıřma] / Cenan Özkaya / Danıřman: Prof.Dr. Güney Özcebe – Prof.Dr. Uğur Ersoy / MS [Yüksek Lisans] / 2005
28. Seismic strengthening of a mid-rise reinforced concrete frame using CFRPSs: An application from real life [Orta-katlı bir betonarme binanın lifli karbon polimerleri kullanılarak güçlendirilmesi: Gerçek hayattan bir uygulama] / Mustafa Tümer Tan / Danıřman: Prof. Dr. Güney Özcebe – Doç. Dr. Barıř Binici / MS [Yüksek Lisans] / 2009
29. Investigation of strengthening techniques using pseudo-dynamic testing Dinamik-benzeri deneylerle yapı güçlendirme tekniklerinin irdelenmesi] / Efe Gökçe Kurt / Prof. Dr. Güney Özcebe – Doç. Dr. Erdem Canbay / MS [Yüksek Lisans] / 2010

Publications

Books

Co-Authored Books

1. Uğur Ersoy, Güney Özcebe, Tuğrul Tankut, "Reinforced Concrete," 680 pages, METU Press, Ankara, 2003
2. Uğur Ersoy, Güney Özcebe, "Betonarme", 675 pages, Evrim Press, İstanbul, 2001

Co-Edited Books

3. Canbay E, Ersoy U, Sucuođlu H, Özcebe G, Wasti ST, "Binalar için Deprem Mühendisliđi – Temel İlkeler," 433 pages, METU Press, 2008
4. Wasti ST, Özcebe G, "Advances in Earthquake Engineering for Urban Risk Reduction", NATO SCIENCE SERIES IV: Earth and Environmental Sciences: Vol: 66, 551 pages, Springer,Germany, 2007
5. Wasti ST, Özcebe G, "Seismic Assessment and Rehabilitation of Existing Buildings", NATO SCIENCE SERIES: IV: Earth and Environmental Sciences: Vol: 29, 564 pages, Kluwer Academic Publishers, Holland, 2003
6. Üzümeri SM, Özcebe G, "Uğur Ersoy Symposium on Structural Engineering", Proceedings, Middle East Technical University, 1-2 July 1999, 456 pages, METU Press, Ankara, 1999

Full papers published in peer reviewed journals covered by SCI and SCIE

7. Turgay T, Durmus MC, Binici B, Ozcebe G, "Stiffness, Strength and Deformability of Masonry Infill Walls in RC Frames," ASCE Structural Journal adlı dergide yayınlanmak üzere kabul edildi, 2013
8. Binici B, Yakut A, Ozcebe G, Erenler A, "Provisions for the Seismic Risk Evaluation of Existing RC Buildings in Turkey under Urban Renewal Law," Earthquake Spectra adlı dergide yayınlanmak üzere kabul edildi, 2013
9. Ersoy U, Tankut T, Turer A, Ozcebe G, "Structural Rehabilitation and Monitoring of a 28 Story Building," ACI Special Publication olarak yayınlanmak üzere kabul edildi, 2013
10. Ezzatfar P, Binici B, Kurç Ö, Canbay E, Sucuoğlu H, Özcebe G, "Application of Mesh Reinforced Mortar for Performance Enhancement of Hollow Clay Tile Brick Infill Walls," *fib* Bülteninde yayınlanmak üzere kabul edildi, 2013
11. Akin E, Canbay E, Binici B, Özcebe G, "Testing and Analysis of Infilled Reinforced Concrete Frames Strengthened with CFRP Reinforcement," ASCE Journal of Reinforced Plastics and Composites dergisinde yayınlanmak üzere kabul edildi, 2013
12. Kurt EG, Kurc O, Binici B Canbay E, Ozcebe G, "Performance Examination of Two Seismic Strengthening Procedures by Pseudodynamic Testing," JOURNAL OF STRUCTURAL ENGINEERING-ASCE, 138(1), 31-41 pp., DOI: 10.1061/(ASCE)ST.1943-541X.0000434, JAN 2012
13. Akin E, Canbay E, Binici B, Ozcebe G, "Testing and analysis of infilled reinforced concrete frames strengthened with CFRP reinforcement," JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, 30(19), 1605-1620 pp. DOI: 10.1177/0731684411424631, OCT 2011
14. Kurt EG, Binici B, Kurc O, Canbay E, Akpınar U, Ozcebe G, "Seismic Performance of a Deficient Reinforced Concrete Test Frame with Infill Walls," EARTHQUAKE SPECTRA, 27(3), 817-834 pp, DOI: 10.1193/1.3609876, AUG 2011
15. Erdogan H, Binici B, Ozcebe G, "Effect of column rectangularity on CFRP-strengthened RC flat plates," MAGAZINE OF CONCRETE RESEARCH, 63(7), 511-525 pp, DOI: 10.1680/mac.2011.63.7.511, JUL 2011
16. Kurc O, Kayisoglu B, Lulec A, Ozcebe G, "A Comparative Study on Structural Wall Design Approach of 2007 Turkish Seismic Code," TEKNİK DERGI, 22(3), 5487-5508 pp, JUL 2011
17. Ozcan O, Binici B, Canbay E, Ozcebe G, "Repair and strengthening of reinforced concrete columns with CFRPs," JOURNAL OF REINFORCED PLASTICS AND COMPOSITES, 29(22), 3411-3424 pp, DOI: 10.1177/0731684410376332, NOV 2010
18. Erdogan H, Binici B, Ozcebe G, "Punching shear strengthening of flat-slabs with CFRP dowels," MAGAZINE OF CONCRETE RESEARCH, 62(7), 465-478 pp, DOI: 10.1680/mac.2010.62.7.465, JUL 2010
19. Ozcan O, Binici B, Ozcebe G, "Seismic strengthening of rectangular reinforced concrete columns using fiber reinforced polymers," ENGINEERING STRUCTURES, 32(4), 964-973 pp, DOI: 10.1016/j.engstruct.2009.12.021, APR 2010
20. Ozcan O, Binici B, Ozcebe G, "Improving seismic performance of deficient reinforced concrete columns using carbon fiber-reinforced polymers," ENGINEERING STRUCTURES, 30(6), 1632-1646 pp DOI: 10.1016/j.engstruct.2007.10.013, JUN 2008
21. Binici B, Ozcebe G, Ozcelik R, "Analysis and design of FRP composites for seismic retrofit of infill walls in reinforced concrete frames," COMPOSITES PART B-ENGINEERING, 38(5-6), 575-583 pp, DOI: 10.1016/j.compositesb.2006.08.007, 2007
22. Erdem I, Akyuz U, Ersoy U, Ozcebe G, "An experimental study on two different strengthening techniques for RC frames," ENGINEERING STRUCTURES, 28(13), 1843-1851 pp, DOI: 10.1016/j.engstruct.2006.03.010, NOV 2006
23. Yakut A, Ozcebe G, Yucemen MS, "Seismic vulnerability assessment using regional empirical data," EARTHQUAKE ENGINEERING & STRUCTURAL DYNAMICS, 35(10), 1187-1202 pp DOI: 10.1002/eqe.572, AUG 2006
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