

# Prof. AHMET MURAT TÜRK

## Personal Information

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## International Researcher IDs

ORCID: 0000-0002-7977-9242

Publons / Web Of Science ResearcherID: X-1975-2018

ScopusID: 57197357585

Yoksis Researcher ID: 116137

## Education Information

Doctorate, Bogazici University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), Turkey 1993 - 1998

Postgraduate, Bogazici University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), Turkey 1991 - 1993

Undergraduate, Bogazici University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1986 - 1991

## Foreign Languages

English, C2 Mastery

## Dissertations

Doctorate, Rehabilitation of Reinforced Concrete Frames by Reinforced Concrete Infill Walls, Bogazici University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (Dr), 1998

Postgraduate, Numerical Modelling of Inelastic Behavior of Reinforced Concrete Elements Considering Cracks and Bond, Bogazici University, Fen Bilimleri Enstitüsü, İnşaat Mühendisliği (YI) (Tezli), 1993

## Academic Titles / Tasks

Professor, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2020 - Continues

Associate Professor, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2014 - 2020

Assistant Professor, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2000 - 2014

Researcher, Purdue University, School Of Civil Engineering, Civil Engineering, 1999 - 2000

Research Assistant, Bogazici University, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, 1993 - 1998

## Academic and Administrative Experience

Academic Performance D. Board Member, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2024 - Continues

Akredite edilmiş bir bölüm/program kadrosunda görev almak, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat

Mühendisliği, 2022 - Continues

Fakülte Yönetim Kurulu Üyesi, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2022 - Continues

Fakülte Kurulu Üyesi, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2021 - Continues

University Executive Board Member, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2020 - Continues

Member of the Senate, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2018 - Continues

Head of Department, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2018 - Continues

Head of Department, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2018 - Continues

Teknoloji Transfer Ofisi Yönetim Kurulu Üyesi, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2021 - 2023

Dean, Istanbul Kultur University, Mühendislik Fakültesi, 2020 - 2021

Deputy Head of Department, Istanbul Kultur University, Mühendislik Fakültesi, İnşaat Mühendisliği, 2003 - 2013

## Courses

RC I, Undergraduate, 2024 - 2025

REINFORCED CONCRETE I, Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023

GRADUATION PROJECT, Undergraduate, 2023 - 2024

GRADUATION PROJECT, Undergraduate, 2023 - 2024, 2022 - 2023

REINFORCED CONCRETE II, Undergraduate, 2023 - 2024, 2022 - 2023

REINFORCED CONCRETE II, Undergraduate, 2023 - 2024, 2022 - 2023

GRADUATION PROJECT, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

REINFORCED CONCRETE II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

PH.D. THESIS, Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019

M.SC. THESIS, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

SPECIAL TOPICS, Postgraduate, 2019 - 2020, 2018 - 2019

REINFORCED CONCRETE DESIGN PROJECT, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

BETONARME PROJE, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

STRUCTURAL ANALYSIS II, Undergraduate, 2018 - 2019, 2008 - 2009, 2007 - 2008

STRUCTURAL ANALYSIS I, Undergraduate, 2018 - 2019, 2015 - 2016, 2013 - 2014, 2008 - 2009, 2007 - 2008

ENGINEERING MECHANICS, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

TAŞIYICI SİSTEMLER II, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003

CONSTRUCTION MATERIALS, Undergraduate, 2015 - 2016, 2013 - 2014, 2005 - 2006, 2004 - 2005

STRENGTH OF MATERIALS, Undergraduate, 2015 - 2016, 2007 - 2008, 2006 - 2007

INTRODUCTION TO EARTHQUAKE ENGINEERING, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009

SPECIAL TOPICS IN CIVIL ENGINEERING, Postgraduate, 2013 - 2014, 2012 - 2013

COMPUTER AIDED STRUCTURAL DESIGN, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005

GELENEKSEL YAPI SİSTEMLERİ VE PROBLEMLERİ, Postgraduate, 2012 - 2013, 2011 - 2012

ENGINEERING MECHANICS, Postgraduate, 2005 - 2006

PRESTRESSED CONCRETE, Undergraduate, 2004 - 2005

ENGINEERING MATERIALS, Undergraduate, 2003 - 2004, 2002 - 2003

## Advising Theses

AHMET MURAT T., Üç boyutlu betonarme çerçevelerin düğüm noktalarının deprem etkilerine karşı güçlendirilmesi, Doctorate, C.COŞGUN(Student), 2013

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, İstanbul Kültür Üniversitesi, February, 2024

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, İstanbul Kültür Üniversitesi, January, 2024

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, İstanbul Kültür Üniversitesi, February, 2023

Associate Professor Exam, Associate Professor Exam, İstanbul Kültür Üniversitesi, June, 2022

Associate Professor Exam, Associate Professor Exam, İstanbul Kültür Üniversitesi, January, 2022

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

- I. **Experimental behaviour and failure of beam-column joints with plain bars, low-strength concrete and different anchorage details**  
Cosgun C., TÜRK A. M., MANGIR A., ÇOŞGUN T., Kiyamaz G.  
ENGINEERING FAILURE ANALYSIS, vol.109, 2020 (SCI-Expanded)
- II. **Seismic load tests on exterior beam-column connections of existing RC structures**  
ÇOŞGUN T., Cosgun C., Kanishka A., MANGIR A., SAYIN B., TÜRK A. M.  
GRADEVINAR, no.12, pp.1129-1141, 2019 (SCI-Expanded)
- III. **Seismic Response Analysis of Masonry Minaret and Possible Strengthening by Fiber Reinforced Cementitious Matrix (FRCM) Materials**  
TÜRK A. M.  
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, vol.2013, 2013 (SCI-Expanded)
- IV. **The benefits associated with ISO 14001 certification for construction firms: Turkish case**  
TÜRK A. M.  
JOURNAL OF CLEANER PRODUCTION, vol.17, no.5, pp.559-569, 2009 (SCI-Expanded)
- V. **ISO 14000 environmental management system in construction: An examination of its application in Turkey**  
TÜRK A. M.  
TOTAL QUALITY MANAGEMENT & BUSINESS EXCELLENCE, no.7, pp.713-733, 2009 (SSCI)
- VI. **Effect of introducing RC infill on seismic performance of damaged RC frames**  
TÜRK A. M., Ersoy U., Özcebe G.  
STRUCTURAL ENGINEERING AND MECHANICS, vol.23, no.5, pp.469-486, 2006 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Assessment of Seismic Behaviour and Safety of a Masonry Heritage**  
TURK A. M.  
ICONARP International Journal Of Architecture And Planning, vol.7, no.2, pp.592-607, 2019 (ESCI)

## Books & Book Chapters

- I. **Handbook for the Post-Earthquake Safety Evaluation of Bridges and Roads**

## Refereed Congress / Symposium Publications in Proceedings

- I. **Mevcut Yapıların Depreme Karşı Güçlendirilmesi ya da Yenilenmesi Konusunda Karar Verme Çalışması**  
TÜRK A. M., UĞURAL M. N.  
İTÜ Gayrimenkul Araştırmaları Ulusal Konferansı, İstanbul, Turkey, 4 - 05 October 2019
- II. **Yapay Sınır Ağları Yardımı ile Gayrimenkul Değerleme İstanbul Örneği**  
UĞURAL M. N., TÜRK A. M.  
İTÜ Gayrimenkul Araştırmaları Ulusal Konferansı, İstanbul, Turkey, 4 - 05 October 2019
- III. **Performance of Aerated Autoclaved Brick Masonry Walls Strengthened by Plaster with GFRP Net and Fibers**  
TÜRK A. M.  
13th International Congress on Advances in Civil Engineering (ACE 2018), İzmir, Turkey, 12 - 14 September 2018
- IV. **CASE STUDY ABOUT THESEISMIC BEHAVIOR AND POSSIBLE RETROFIT OF HISTORICAL MASONRY MINARET**  
TÜRK A. M.  
ESC 2018, 36th General Assembly of the European Seismological Commission, Valletta, Malta, 2 - 07 September 2018
- V. **ISO 14000 environmental management system and general look on Turkish construction firms**  
TÜRK A. M.  
6th International Structural Engineering and Construction Conference: Modern Methods and Advances in Structural Engineering and Construction, ISEC 2011, Zürich, Switzerland, 21 - 26 June 2011, pp.375-380
- VI. **The determination of seismic behaviour and retrofit of historical masonry minaret with FRP**  
TÜRK A. M., COŞGUN C.  
8th International Masonry Conference, 4 - 07 July 2010, pp.2029-2038
- VII. **Retrofit of Historical Structures Against Earthquakes: A Case Study on Minarets**  
TÜRK A. M.  
7th International Conference on Urban Earthquake Engineering (7CUUE) and 5th International Conference on Earthquake Engineering (5ICEE), Tokyo, Japan, 3 - 05 March 2010
- VIII. **Retrofit of the masonry minaret of historical mosque with FRP: A case study**  
TÜRK A. M., Cosgun C.  
1st International Conference on Structures and Architecture (ICSA), Guimaraes, Portugal, 21 - 23 July 2010, pp.1458-1465
- IX. **Increasing seismic capacity of existing reinforced concrete buildings by the use of FRP and steel fuse elements**  
TÜRK A. M., CÖMERT M., Cosgun C., Kesti M. G.  
3rd International fib Congress and Exhibition, Incorporating the PCI Annual Convention and Bridge Conference 2010, Washington, United States Of America, 29 May - 02 June 2010
- X. **The effect of ground water depth on the seismic response of reinforced concrete frame buildings**  
Dikmen S., TÜRK A. M.  
12th International Conference on Civil, Structural and Environmental Engineering Computing, CC 2009, Funchal, Portugal, 1 - 04 September 2009
- XI. **Investigation of the Dynamic Behaviour of a Historical Masonry Minaret**  
COŞGUN C., TÜRK A. M.  
international Conference UACEG2009, Science Practice, SOFYA, Bulgaria, 29 - 31 October 2009
- XII. **EFFECT OF DEPTH OF GROUND WATER ON THE SEISMIC RESPONSE OF FRAME TYPE BUILDINGS ON SAND DEPOSITS. PART I: SOIL RESPONSE**

Dikmen S. U., TÜRK A. M., Kıymaz G.

NATO Advanced Research Workshop on Coupled Site and Soil-Structure Interaction Effects with Application to Seismic Risk Mitigation, Borovets, Bulgaria, 30 August - 03 September 2008, pp.273-280

**XIII. Sürekli Gözlem Yapan Referans İstasyonları**

UZEL T., EREN K., KIYMAZ G., COŞKUN E., TÜRK A. M., SEÇKİN E.

11.Türkiye Harita Bilimsel ve Teknik Kurultayı, Ankara, Turkey, 02 April 2007

**XIV. Retrofitting of rein forced concrete frames with rein forced concretein fill walls**

TÜRK A. M., Ersoy U., Özcebe G.

2003 fib Symposium on Concrete Structures in Seismic Regions, Athens, Greece, 6 - 08 May 2003, pp.376-377

## Supported Projects

TÜRK A. M., TUBİTAK Project, Ulusal CORS Sürekli Gözlem Yapan GPS İstasyonu Sisteminin Kurulması Ulusal DATUM Dönüşümü TÜBİTAK KAMAG Proje No 105G017 Araştırmacı CORS noktaları tesis tasarımı İstanbul Kültür Üniversitesi Proje Yürütücüsü Prof Dr Kamil EREN Prof Dr Turgut UZEL, 2006 - 2008

TÜRK A. M., Other International Funding Programs, Post Earthquake Safety Evaluation of Bridges and Roads in Indiana Joint Transportation Research Project JTRP Indiana Department of Transportation INDOT School of Civil Engineering Purdue University under the JTRP Contract No 2377 Proje Yürütücüsü Prof Dr Julio RAMIREZ, West Lafayette IN USA Araştırmacı Eylül 1999 Haziran 2000, 1999 - 2000

TÜRK A. M., Other International Funding Programs, Detailed Evaluation of the Damaged and Undamaged Buildings in the Ceyhan 1998 Earthquake in order to Test Vulnerability Assessment Algorithms Purdue University School of Civil Engineering Purdue University Proje Yürütücüsü Prof Dr Mete SÖZEN West Lafayette IN USA, 1999 - 1999

TÜRK A. M., Project Supported by Higher Education Institutions, Depremde Hasar Görmüş Betonarme Çerçevelerin Betonarme Dolgu Duvarlarla Onarımı Boğaziçi Üniversitesi Araştırma Fonu Araştırma Projesi 94A0423, 1996 - 1998

TUBİTAK Project, Betonarme Dolgu Duvarlar ile Güçlendirilmiş Betonarme Çerçevelerin Deprem Etkisi Altında Davranışı TÜBİTAK Projesi INTAG 537 MAG 194I003, 1994 - 1998

TÜRK A. M., TUBİTAK Project, Yüksek Dayanımlı Beton Elemanlarda Donatı Kenetlenme Özelliklerinin İncelenmesi II TÜBİTAK Projesi INTAG 541, 1997 - 1997

TÜRK A. M., TUBİTAK Project, Yüksek Dayanımlı Beton Elemanlarda Donatı Kenetlenme Özelliklerinin İncelenmesi TÜBİTAK Projesi INTAG 509 MAG 194I006, 1994 - 1997

## Metrics

Publication: 22

Citation (WoS): 158

Citation (Scopus): 156

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H-Index (Scopus): 4