



Gökhan Tunç, Ph.D.

Assistant Professor

Atılım University
Department of Civil Engineering
06830 İncek, Gölbaşı, Ankara/TURKEY
gokhan.tunc@atilim.edu.tr
Tel: +90 312 586 83 55

EDUCATION

1997-2002	The University of Cincinnati, Structures, Ph.D.
1996-1997	Northeastern University, Structures, M.S.
1989-1994	Istanbul Technical University, Civil Engineering, B.S.

ACADEMIC POSITIONS

Sept./2013- Present	Assistant Professor, Department of Civil Engineering Atılım University, Ankara, Turkey
June/2004- March/2006	Part Time Faculty Member, Department of Engineering Hofstra University, Hempstead, NY, USA
Sept./2003- March/2006	Part Time Faculty Member, Department of Mathematics, Computer Science, Information Technology, Nassau Community College, Garden City, NY, USA
June/1997- August/2001	Research Assistant, Department of Civil Engineering The University of Cincinnati, Cincinnati, OH, USA

ADMINISTRATIVE DUTIES

January 2020- Present	Executive Committee Member, Graduate School of Natural and Applied Sciences, Atılım University, Ankara, Turkey
January/2017- July 2019	Chair, Department of Civil Engineering, Atılım University, Ankara, Turkey
January/2017- July 2019	Graduate School Coordinator of Department of Civil Engineering, Atılım University, Ankara, Turkey

HONORS&AWARDS

1	American Society of Civil Engineers (ASCE): Recipient of the 2005 Moisseiff Award
2	2nd Place Award for the Best Conference Paper, at the 3 rd National Structures Conference, Middle East Technical University, 25-26 November, 2016, Ankara/Turkey
3	2020 VEKAM Research Award

RESEARCH INTERESTS

1	Reinforced Concrete Structures
2	Steel Structures
3	Tall Buildings
4	Experimental Analysis
5	History of Civil Engineering

PUBLICATIONS (SCI, TR and DAAI Dizin, and Others)

1	Mertol H.C., Tunc, G., and Akış T., "Damage Observation of Reinforced Concrete Buildings after 2020 Sivrice (Elazığ) Earthquake, Turkey," Journal of Performance of Constructed Facilities, ASCE, Vol 35, No 5, Nov. 2021
2	Tunc, G., Dakhil, A., and Mertol H.C., "Experimental Analysis of the Behavior of Composite Column-Reinforced Concrete Beam Joints," Arabian Journal for Science and Engineering, Apr. 2021
3	Tunc, T.E., and Tunc G., "Transferring Technical Knowledge to Turkey: American Engineers, Scientific Experts, and the Erzincan Earthquake of 1939," Notes and Records: the Royal Society Journal of the History of Science, Feb. 2021
4	Tunc, T.E., and Tunc G., "Wonderland Eurasia: Theme Parks and Neo-Ottoman Identity Politics in Ankara, Turkey," Popular Entertainment Studies, Vol 11, No 1-2, 93-113, Dec. 2020
5	Tunc, T.E., and Tunc G., "Constructing Containment: Thompson-Starrett, the Çeşme Beach Houses, and the Geopolitics of American Engineering in Cold War Turkey," Engineering Studies, Vol 12, No 3, 195-217, Nov. 2020
6	Shahrooz, B.M., Deason, J.T., and Tunc G., "Outrigger Beam-Wall Connections. I: Component Testing and Development of Design Model," Journal of Structural Engineering, ASCE, Volume 130, Issue 2, 253-261, Feb. 2004
7	Shahrooz B.M., Tunc G., Deason J.T., "Outrigger Beam-Wall Connections. II: Subassembly Testing and Further Modeling Enhancements," Journal of Structural Engineering, ASCE, Volume 130, Issue 2, 262-270, Feb. 2004
8	Shahrooz B.M., Tunc G., Deason J.T., "Seismic Performance of Outrigger Beam-Wall Connections," ACI Special Publication 211-Large-Scale Structural Testing, ACI, Farmington Hills, Michigan, 223-245, 2003
9	Tunc, G., Deason, J.T., and Shahrooz, B.M., "Structural Wall-Steel Frame Hybrid Buildings: Connections and System Behavior," Composite Construction in Steel and Concrete IV, ASCE, 971-982, 2002
10	Shahrooz, B.M., Gong B., Tunc, G., and Deason, J.T., "An Overview of Reinforced Concrete Core Wall-Steel Frame Hybrid Structures," Progress in Structural Engineering and Materials, Vol. 3, Issue 2, 149-158, 2001
11	Deason, J.T., Tunc G., and Shahrooz, B.M., "Seismic Design of Connections between Steel Outrigger Beams and Reinforced Concrete Walls," Steel & Composite Structures: An International Journal, Vol. 1, No. 3, 329-340, 2001
12	Shahrooz, B.M., Deason, J.T., and Tunc, G. "Cyclic Behavior of Outrigger Beam-Wall Connections," The Sixth ASCCS International Conference on Steel-Concrete Composite Structures, 2000
13	Aral M., and Tunc, G., "Türkiye'de Deprem Performansına Dayalı Bina Kimlik Bilgilerinin Oluşturulmasına Yönelik Çalışma ve Öneriler," Afet ve Risk Dergisi, Vol. 4, No. 1, 20-41, May 2021
14	Tunc G., and Tanfener, T., "Reinforced Concrete Design of Tall Buildings According to the Turkish Earthquake Code," Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, Vol. 14, No. 1, 27-40, Mar. 2021
15	Demirtürk D., and Tunc, G., "İnşaat Mühendisliği Eğitimi ve Türkiye'de İnşaat Sektörünün Lisans Eğitimine Bakış Açısı," Engineering Sciences, Vol. 16, No. 1, 15-38, Jan. 2021
16	Wardi A., Tunc, G., and Khalil, I., "Structural behavior of shear connectors embedded in different types of concrete," Challenge Journal of Structural Mechanics, Vol. 6, No. 4, 160-175, Dec. 2020
17	Tunc G., and Al-Ageedi, M., "A Parametric Study of the Optimum Shear Wall Area for Mid-to High-Rise RC Buildings," Konya Journal of Engineering Sciences, Vol. 8, No. 3, 601-617, Sept. 2020
18	Tunc, G., "Depreme Dayanıklı Yapı Tasarımında Teknolojik Gelişmeler," Yapı Dergisi, 62-67, Sept. 2020
19	Tunc, G., "The Art of Good Handwriting and Drawing Skills in Civil Engineering Education," Yapı Dergisi, 38-42, October 2017

20	Tunc, G., Demirtürk, D., "Habitat Structures on the Moon," Yapı Dergisi, 134-140, December 2015
21	Tunc, G., Uğraş, B., Yurtsever, M., Ormancı, M., Tanfener, A., "Planetarium Project," Yapı Dergisi, April 2009
22	Tunc, G. and Tanfener, T., "İnşaat Mühendisliğinde Varsayımların Önemi," Türkiye Mühendislik Haberleri Dergisi, Vol. 65, No. 501, 18-26, March 2020
23	Tunc, G., Demirtürk, D., "Waterless Concrete and Its Status in Turkey," Türkiye Hazır Beton Birliği Dergisi, 69-82, March-April 2016
24	Tunc, G., Yurtsever, M., Özuygur, A.R., and Tanfener, A., "Anthill Bomonti Rezidans ve Çarşı /Sosyal Tesis Projesi," Türkiye Mühendislik Haberleri Dergisi, Vol. 54, No. 453, 65-69, Jan, 2009
25	Tunc, G., Özuygur, A.R., Yurtsever, M., Structural Light Weight Aggregate Concrete, Book Translation, Yapi Proje Teknik Press, 2010

PROJECTS

1	Researcher: "RC/Composite Wall - Steel Frame Hybrid Buildings: Connections and System", NSF Grant, Award Number: 9632496, 1997-2000
2	Researcher: "Building a New Nation: Reinforced Concrete Construction in Ankara during the Early Turkish Republic, 1923-1938", VEKAM 2020 Research Award

CONFERENCE PRESENTATIONS

1	Ahmad, A.M., and Tunc, G., "Extended Literature Review on Public Private Partnership," 4th International Conference on Civil Engineering and Architecture (ICCEA 2021), Seoul, South Korea, 2021
2	Tunc, G., Azizi, A.B., and Tanfener, T., "A parametric study on the cost comparison of different slab types in multi-story RC buildings," 3rd International Conference on Civil Engineering and Architecture (ICCEA 2020), Compiègne, France, 2020
3	Tunc, G., Ozsarac, E., Sahin, B.E., and Cigdem, O.Y., "A Study of the Post-Earthquake Economic Impact of Turkey's Critical Industrial Facilities," 5th International Conference on Earthquake Engineering and Seismology (5ICEES), Ankara, Turkey, 2019
4	Cigdem, O.Y., and Tunc G., "Shaping Public Policy in Turkey to Decrease the Adverse Effects of Natural Disasters," International Civil Engineering and Architecture Conference 2019 (ICEARC19), Advancements in Civil Engineering and Architecture, Trabzon, Turkey, 2019
5	Sahin, B.E., Tunc G., and Ozsarac, E., "Disaster Management and Public-Private Partnership in Turkey," International Civil Engineering and Architecture Conference 2019 (ICEARC19), Advancements in Civil Engineering and Architecture, Trabzon, Turkey, 2019
6	Bulbuloglu, T., Tunc G., "Credit Rating Agencies and the Effects of Natural Disasters in Turkey," 2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, 2018
7	Tunc, G., Tanfener T., "High Rise Building Design According to the New Proposed Earthquake Code in Turkey," 13th International Congress on Advances in Civil Engineering, Izmir, Turkey, 2018
8	Tunc, G., Tanfener T., "Comparisons of 2007 and 2016 Turkish Building Earthquakes: Case Studies," 3rd National Structures Conference, Ankara, Turkey, 2016
9	Numanoğlu, F. P., Tunc G., "Turkey's Credit Rating and Earthquake Fact," 3rd National Young Engineers Symposium, Istanbul, Turkey, 2016
10	Bozkuş, M. B., Tunc G., "Civil Engineering and Ethics," 3rd National Young Engineers Symposium, Istanbul, Turkey, 2016
11	Tunc, G., "Recommendations and Investigations on Earthquake Resistant Building, Concepts of Conscious Consumer and Trust," 3rd National Conference on Earthquake Engineering and Seismology, Izmir, Turkey, 2015
12	Tunc, G., Özsarac, E., "Recommendations for Improvement of Turkey's Public-Private Partnership Model," 3rd National Conference on Earthquake Engineering and Seismology, Izmir, Turkey, 2015
13	Tunc, G., Khayyat, Z., "The Structural Analysis and Design of Buildings with Shear Wall and Rigid Basements," International Conference on Civil and Environmental Engineering, Nevsehir, Turkey, 2015
14	Tunc, G., Mohammed, A. M., "Strengthening and Repair Methods in Iraq for Reinforced Concrete Beams," World Conference on Technology, Innovation and Entrepreneurship, Istanbul, Turkey, 2015
15	Tunc, G., "Public Policy and the Turkish Construction Sector," Twenty Third World Business Congress, Ankara, Turkey, 2014
16	Tunc, G., Özüygür, A.R., and Yurtsever, M., "Critiques of the Turkish Seismic Code," 7th National Earthquake Engineering, Istanbul, Turkey, 2011
17	Tunc, G., Uğraş, B., and Tanfener, A., "Steel Case Study: Planetarium Building and the Gaziantep Zeugma Mosaic Museum," 3rd National Steel Symposium, Gaziantep, Turkey, 2009
18	Shahrooz, B.M., Deason, J.T., and Tunc G. "Structural Wall-Steel Frame Hybrid Buildings: Connections and System Behavior", Composite Construction in Steel and Concrete IV, Banff, Alberta, Canada, 2000
19	Shahrooz, B.M., Deason, J.T., and Tunc, G. "Cyclic Behavior of Outrigger Beam-Wall Connections," The Sixth ASCCS International Conference on Steel-Concrete Composite Structures, Los Angeles, CA, USA, 2000
20	Tunc, G., Deason J.T., and Shahrooz, B.M. "Hybrid Structural Wall-Steel Frame Systems", American Concrete Institute Fall Convention, USA, 1998

CITATIONS

Sum of times cited without self-citations (ISI Web of Science):	108
H-index (ISI Web of Science):	4

COURSES GIVEN

1	Mechanics of Materials (BS)
2	Structural Analysis (BS)
3	Reinforced Concrete I (BS)
4	Reinforced Concrete II (BS)
5	Fundamentals of Steel Design (BS)
6	Design and Construction of Tall Building Systems (BS, MS)
7	Earthquake Engineering (BS, MS)
8	Civil Engineering Design Project (BS)
9	Research Methodology and Communication Skills (MS, PhD)

THESES SUPERVISED

1	MS Thesis, "Policy, Financing and Risk Management Issues of Public Private Partnership Projects", 2021
2	MS Thesis, "Finite Element Analysis of Concrete Encased Steel Composite Columns and Reinforced Concrete Beams", 2021
3	MS Thesis, "Experimental Analysis of the Behavior of Composite Column-Reinforced Concrete Beam Joints", 2020
4	MS Thesis, "Comparative Study of Wind and Earthquake Loads on Reinforced Concrete Buildings with Different Floor Configurations", 2020
5	MS Thesis, "Structural Behavior and Cost Comparison of Various Slab Types in Reinforced Concrete Tall Buildings", 2020
6	MS Thesis, "Determination of the Optimum Shear Wall Area to Floor Area Ratio for Reinforced Concrete Buildings", 2019
7	MS Thesis, "Behavior of High Strength Shear Connectors Embedded in Concrete", 2019
8	MS Thesis, "Structural Analysis of Buildings with Horizontal and Vertical Irregularities", 2016
9	MS Thesis, "Structural Analysis and Design of Buildings with Shear Walls and Basements", 2015
10	MS Thesis, "Study on the Fundamental Period of Vibration for Buildings with Different Configurations", 2015
11	MS Thesis, "Strengthening and Repair Methods in Iraq for Reinforced Concrete Beams", 2015