



Gökhan Tunç, Ph.D.

Director of Graduate School of Natural and Applied Sciences Associate Professor of Structural Engineering

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#### **EDUCATION**

1997-2002	University of Cincinnati, Structures, Ph.D.
1996-1997	Northeastern University, Structures, M.S.
1989-1994	Istanbul Technical University, Civil Engineering, B.S. (summa cum laude)

#### **ACADEMIC POSITIONS**

	TOADEINIO I COITICITO		
Feb./2025- Present	Associate Professor, Department of Civil Engineering, Atilim University, Ankara, Turkey		
Sept./2013- Feb./2025	Assistant Professor, Department of Civil Engineering, Atilim University, Ankara, Turkey		
Sept./2017- Dec./2019	Part Time Faculty Member, Department of Civil Engineering, Turkish Military Academy, 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 Tech., Nassau Comm. College, Garden City, NY, USA		
June/1997- August/2001	Research and Teaching Assistant, Department of Civil Engineering The University of Cincinnati, Cincinnati, OH, USA		

### **ADMINISTRATIVE DUTIES**

<u> </u>	ADMINIOTIVE DOTIES	
July/2025-	Director of Graduate School of Natural and Applied Sciences	
Present	Atilim University, Ankara, Turkey	
Jan./2020- July/2025	Executive Committee Member, Graduate School of Natural and Appl. Sciences Atilim University, Ankara, Turkey	
June/2020-	Co-op Co-Coordinator, Department of Civil Engineering,	
July/2025	Atilim University, Ankara, Turkey	
Jan./2017-	Chair, Department of Civil Engineering,	
July/2019	Atilim University, Ankara, Turkey	
Jan./2017-	Graduate School Coordinator of Department of Civil Engineering,	
July/2019	Atilim University, Ankara, Turkey	

#### **INDUSTRIAL WORK EXPERIENCE**

In 20+ years involved in approximately 150 construction projects, totaling an estimated cost of \$500 million. (For further details please click on this link)

July/2016- Present	Senior Structural Engineer, Consultant rggA Architects, Ankara, Turkey
May/2014-	Senior Structural Engineer, Consultant
July/2016	YDA Group, Ankara, Turkey
Jan./2010-	Partner and Director of Engineering Group
April/2013	Yapı Proje Uygulama, A/E Consulting Firm, Ankara, Turkey
March/2007-	Head of Structural Engineering Group
Jan./2010	Yapı Proje Uygulama, A/E Consulting Firm, Ankara, Turkey
June/2003-	Structural Engineer
Feb./2005	Ysrael A. Seinuk, P.C., New York, NY, USA
Sept./2001-	Structural Engineer
June/2003	Cantor Seinuk (Acquired by WSP), New York, NY, USA

#### **HONORS & AWARDS**

1	Best Conference Paper Presentation in Online Session 1 at the 5 <sup>th</sup> Int. Conf. on Civil Eng. and Arch. (ICCEA 2022), 16-18 Dec. 2022, Hanoi, Vietnam
2	2020 VEKAM Research Award, Koc University, Istanbul, Turkey
3	2nd Place Award for the Best Conference Paper at the 3 <sup>rd</sup> National Structures Conference, Middle East Tech. Univ., 25-26 Nov. 2016, Ankara, Turkey
4	American Society of Civil Eng. (ASCE): Recipient of the 2005 Moisseiff Award
5	His PhD study was NSF Granted, Award Number: 9632496, 1997-2000
6	Izzettin Silier Award for Outstanding Performance in Civil Eng., Istanbul Tech. University (1993)

#### **RESEARCH INTERESTS**

1	Earthquake Resistant Design
2	Reinforced Concrete Structures
3	Steel Structures
4	Tall Buildings
5	Experimental Analysis
6	History of Technology

PUBLICATIONS (Indexed in SCI, SSCI, AHCI, E-SCI, Scopus, TR, DAAI, and Others)

1	(SSCI)	Tunc, T.E. and Tunc G., "Cold War Aviation: American Technology Transfer and the Construction of Turkey's First International Civilian Airport in Yeşilköy, Istanbul, 1944-1953," The British Journal for the History of Science, Published online first on December 16, 2024. <a href="https://doi.org/10.1017/S0007087424001225">https://doi.org/10.1017/S0007087424001225</a>
2	(SCI)	Tunc, G., Mertol, H.C., and Akış, T., "Lessons Learned from Four Recent Turkish Earthquakes: Sivrice-Elazığ, Aegean Sea, and Dual Kahramanmaraş," Natural Hazards, 120, 12341-12373, Oct. 2024 (Published online first in May 2024). <a href="https://doi.org/10.1007/s11069-024-06687-x">https://doi.org/10.1007/s11069-024-06687-x</a>

3	(SCI)	Mertol, H.C., Tunc, G., Akış, T., Kantekin, Y., and Aydın, İ.C., "Investigation of RC Buildings after 6 February 2023, Kahramanmaraş, Türkiye Earthquakes," Buildings, Vol. 13, No. 7, July 2023. <a href="https://doi.org/10.3390/buildings13071789">https://doi.org/10.3390/buildings13071789</a>
4	(SCI)	Mertol, H.C., Tunc, G., and Akış T., "A Site Survey of Damaged RC Buildings in İzmir after the Aegean Sea Earthquake on October 30, 2020," Gradevinar, Vol. 75, No. 5, pp. 451-470, June 2023. <a href="https://doi.org/10.14256/JCE.3343.2021">https://doi.org/10.14256/JCE.3343.2021</a>
5	(SCI)	Tunc, G. and Tunc, T.E., "A Close Examination of Ankara's Reinforced Concrete Buildings Designed and Constructed between 1923 and 1938," Buildings, Vol. 13, No. 46, Jan. 2023. <a href="https://doi.org/10.3390/buildings13010046">https://doi.org/10.3390/buildings13010046</a>
6	(SCI)	Tunc, G. and Tunc, T.E., "Engineering the Public-use Reinforced Concrete Buildings of Ankara during the Early Republic of Turkey, 1923-1938," Endeavour, Vol. 46, No. 3, 100832, August 2022. <a href="https://doi.org/10.1016/j.endeavour.2022.100832">https://doi.org/10.1016/j.endeavour.2022.100832</a>
7	(SCI)	Tunc, T.E. and Tunc G., ""A Light Bulb in Every House" The Istanbul General Electric Factory and American Technology Transfer to Turkey," Technology and Culture, Vol. 63, No. 3, pp. 749-774, July 2022. https://doi.org/10.1353/tech.2022.0108
8	(SCI)	Tunc, G., Othman, M.M., and Mertol, H.C., "Finite Element Analysis of Frames with Reinforced Concrete Encased Steel Composite Columns," Buildings, Vol. 12, No. 375, Feb. 2022. <a href="https://doi.org/10.3390/buildings12030375">https://doi.org/10.3390/buildings12030375</a>
9	(E-SCI)	Tunc, G., Azizi, A.B., and Tanfener, T., "Effects of Slab Types on the Seismic Behavior and Construction Cost of RC Buildings," Journal of Polytechnic, Vol. 26, No. 2, pp. 553-567, June 2023 (Published online first in Dec. 2021). <a href="https://doi.org/10.2339/politeknik.971343">https://doi.org/10.2339/politeknik.971343</a>
10	(SCI)	Mertol, H.C., Tunc, G., and Akış T., "Evaluation of Masonry Buildings and Mosques after Sivrice Earthquake," Gradevinar, Vol. 73, No. 9, pp. 881-892, Sept. 2021. <a href="https://doi.org/10.14256/JCE.3101.2021">https://doi.org/10.14256/JCE.3101.2021</a>
11	(SCI)	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, 04021053-1-18, Oct. 2021. <a href="https://doi.org/10.1061/(ASCE)CF.1943-5509.0001619">https://doi.org/10.1061/(ASCE)CF.1943-5509.0001619</a>
12	(SCI)	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, Vol. 46, pp. 10785-10801, Apr. 2021. https://doi.org/10.1007/s13369-021-05545-3
13	(SCI)	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, Vol. 76, No. 3, pp. 387-406, Sept. 2022 (Published online first on 24 February 2021). <a href="https://doi.org/10.1098/rsnr.2020.0054">https://doi.org/10.1098/rsnr.2020.0054</a>
14	(AHCI)	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, pp. 93-113, Dec. 2020. <a href="http://hdl.handle.net/1959.13/1434642">http://hdl.handle.net/1959.13/1434642</a>
15	(SCI)	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, pp. 195-217, Nov. 2020. <a href="https://doi.org/10.1080/19378629.2020.1845706">https://doi.org/10.1080/19378629.2020.1845706</a>

16	(SCI)	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, Vol. 130, No. 2, pp. 253-261, Feb. 2004. https://doi.org/10.1061/(ASCE)0733-9445(2004)130:2(253)
17	(SCI)	Shahrooz, B.M., Tunc, G., and Deason, J.T., "Outrigger Beam-Wall Connections II: Subassembly Testing and Further Modeling Enhancements," Journal of Structural Engineering, ASCE, Vol. 130, No. 2, pp. 262-270, Feb. 2004. https://doi.org/10.1061/(ASCE)0733-9445(2004)130:2(262)
18	(SCI)	Shahrooz, B.M., Tunc, G., and Deason, J.T., "Seismic Performance of Outrigger Beam-Wall Connections," ACI Special Publication 211-Large-Scale Structural Testing, ACI, Farmington Hills, Michigan, pp. 223-245, 2003. https://doi.org/10.14359/12592 or https://www.concrete.org/publications/internationalconcreteabstractsportal.aspx? m=details&id=12592
19	(SCI)	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, No. 2, pp. 149-158, 2001. https://doi.org/10.1002/pse.67
20	(SCI)	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, pp. 329-340, 2001. <a href="https://doi.org/10.12989/SCS.2001.1.3.329">https://doi.org/10.12989/SCS.2001.1.3.329</a>
21	(Scopus)	Tunc, G., Tanfener, T., and Khayyat, Z.K., "Structural Analyses of RC Buildings with Various Support Types," In: Kang, T. (eds) Proceedings of 5th International Conference on Civil Engineering and Architecture (ICCEA 2022), published by: Lecture Notes in Civil Engineering, vol 369. Springer, Singapore. ISBN: 978-981-99-4049-3, September 23, 2023. <a href="https://doi.org/10.1007/978-981-99-4049-3">https://doi.org/10.1007/978-981-99-4049-3</a> 86
22	(TR)	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, pp. 20-41, May 2021. <a href="https://doi.org/10.35341/afet.825123">https://doi.org/10.35341/afet.825123</a>
23	(TR)	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, pp. 27-40, March 2021. <a href="https://doi.org/10.18185/erzifbed.771628">https://doi.org/10.18185/erzifbed.771628</a>
24	(TR)	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, pp. 160-175, Dec. 2020. <a href="https://doi.org/10.20528/cjsmec.2020.04.001">https://doi.org/10.20528/cjsmec.2020.04.001</a>
25	(TR)	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, pp. 601-617, Sept. 2020. <a href="https://doi.org/10.36306/konjes.666748">https://doi.org/10.36306/konjes.666748</a>
26	(DAAI)	Tunc, G., "The History of Earthquake Codes and Their Current Status," Yapı Dergisi, Vol. 472, pp. 20-24, Dec. 2021 and Jan. 2022 (in Turkish). <a href="https://yapidergisi.com/deprem-yonetmeliklerinin-tarihcesi-ve-mevcut-durum/">https://yapidergisi.com/deprem-yonetmeliklerinin-tarihcesi-ve-mevcut-durum/</a>
27	(DAAI)	Tunc, G., "Technological Advances in Earthquake Resistant Structural Design, Yapı Dergisi, Vol. 459, pp. 62-67, Sept. 2020 (in Turkish). <a href="https://yapidergisi.com/depreme-dayanikli-yapi-tasariminda-teknolojik-gelismeler/">https://yapidergisi.com/depreme-dayanikli-yapi-tasariminda-teknolojik-gelismeler/</a>
28	(DAAI)	Tunc, G., "The Art of Good Handwriting and Drawing Skills in Civil Engineering Education," Yapı Dergisi, Vol. 431, pp. 38-42, Oct. 2017 (in Turkish).
29	(DAAI)	Tunc, G. and Demirtürk, D., "Habitat Structures on the Moon," Yapı Dergisi, Vol. 409, pp. 134-140, Dec. 2015 (in Turkish). <a href="https://yapidergisi.com/ayda-yasam-alani-yapilari/">https://yapidergisi.com/ayda-yasam-alani-yapilari/</a>

30	(Others)	Mertol, H.C., Akış, T., and Tunç, G., "30.10.2020 Aegean Sea Earthquake and its Impact on the Reinforced Concrete Structures," Türkiye Mühendislik Haberleri Dergisi, Vol. 66, No. 506, pp. 19-40, Nov. 2021 (in Turkish). <a href="https://eski.imo.org.tr/resimler/dosya">https://eski.imo.org.tr/resimler/dosya</a> ekler/4511298f56923fd ek.pdf?dergi=1606
31	(Others)	Demirtürk, D. and Tunc, G., "Undergraduate Civil Engineering Education in Turkey through the Perspective of the Construction Sector," Engineering Sciences, Vol. 16, No. 1, pp. 15-38, Jan. 2021 (in Turkish). <a href="http://dx.doi.org/10.12739/NWSA.2021.16.1.1A0466">http://dx.doi.org/10.12739/NWSA.2021.16.1.1A0466</a>
32	(Others)	Tunc, G. and Tanfener, T., "The Importance of Assumptions in Civil Engineering," Türkiye Mühendislik Haberleri Dergisi, Vol. 65, No. 501, pp. 18-26, March 2020 (in Turkish). <a href="https://eski.imo.org.tr/resimler/dosya">https://eski.imo.org.tr/resimler/dosya</a> ekler/48ddce5a3ca620d ek.pdf?dergi=1461
33	(Others)	Tunc, G. and Demirtürk, D., "Waterless Concrete and Its Status in Turkey," Türkiye Hazır Beton Birliği Dergisi, pp. 69-82, March-Apr. 2016 (in Turkish). <a href="https://www.thbb.org/media/150340/makale134.pdf">https://www.thbb.org/media/150340/makale134.pdf</a>
34	(Others)	Tunc, G., Uğraş, B., Yurtsever, M., Ormancı, M., and Tanfener, A., Planetarium Project," Yapı Dergisi, Vol. 329, pp. 104-106, Apr. 2009 (in Turkish).
35	(Others)	Tunc, G., Yurtsever, M., Özuygur, A.R., and Tanfener, A., "AntHill Bomonti Residence and Shopping Mall /Recr. Facility Project," Türkiye Mühendislik Haberleri Dergisi, Vol. 54, No. 453, pp. 65-69, Jan. 2009 (in Turkish). <a href="https://eski.imo.org.tr/resimler/ekutuphane/pdf/16157">https://eski.imo.org.tr/resimler/ekutuphane/pdf/16157</a> 51 51.pdf
36	(Others)	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, Banff, Alberta, Canada, pp. 971-982, 2002. https://doi.org/10.1061/40616(281)84
37	(Others)	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.

# **BOOKS & BOOK CHAPTERS**

1	Tunc, G. and Tunc, T.E., "Expertise across Borders: Transnational Technology Transfer and the Journal of the Turkish Professional Engineers Association, 1935 - 1940," a book chapter published by Routledge in Globalizing the History of Science, Technology, and Medicine, ISBN:, pages, 2025 (in progress).
2	Tunc, G., Translation of Chapters 15 and 16 of "Steel Structures, Design and Behavior, Emphasizing Load and Resistance Factor Design" by Salmon C.G., Johnson J.E. and Malhas, F.A., Fifth Edition, Translation Editors: Ilker Kalkan and Fatih Alemdar, Palme Press, ISBN: 9786256154001, 896 pages, October 2024 (in Turkish).
3	Mertol, H.C., Akış, T., and Tunc, G., February 06, 2023, Kahramanmaraş Earthquakes Report, a book published by Nobel Bilimsel Press, ISBN: 978-625-398-529-5, 180 pages, June 2023 (in Turkish).
4	Mertol, H.C., Akış, T., and Tunc, G., Elazığ-Sivrice Earthquake Report (24.01.2020), a book published by Hiperyayın, ISBN: 978-625-7499-46-0, 130 pages, October 2021 (in Turkish).
5	Mertol, H.C., Akış, T., and Tunc, G., Aegean Sea Earthquake Report (30.10.2020), a book published by Hiperyayın, ISBN: 978-625-7499-48-4, 116 pages, October 2021 (in Turkish).
6	Tunc, G., Özuygur, A.R., and Yurtsever, M., Structural Light Weight Aggregate Concrete, a book translation, YPT Press, 282 pages, 2010 (in Turkish).

## **PROJECTS**

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

# **CONFERENCE PRESENTATIONS**

1	Tunc, G., Tanfener, T., and Khayyat, Z.K., "Structural Analyses of RC Buildings with Various Support Types," 5th International Conference on Civil Engineering and Architecture (ICCEA 2022), Hanoi, Vietnam, December 16-18, 2022.
2	Tunc, G. and Tunc, T.E., "Building A New Nation: The Use of Reinforced Concrete in Ankara in the Early Years of the Republic of Türkiye, 1923-1938," Koc University, VEKAM Research Presentations, Ankara, Turkey, Nov. 26, 2021.
3	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, July 10-12, 2021.
4	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, June 28-30, 2020.
5	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, October 8-11, 2019.
6	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, April 17-20, 2019.
7	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, April 17-20, 2019.
8	Bulbuloglu, T. and Tunc, G., "Credit Rating Agencies and the Effects of Natural Disasters in Turkey," 2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, Ankara, Turkey, October 19-21, 2018.
9	Tunc, G. and 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, September 12-14, 2018.
10	Tunc, G., Tanfener, T., "Comparisons of 2007 and 2016 Turkish Building Earthquakes: Case Studies," 3rd National Structures Conference, Ankara, Turkey, November 25-26, 2016.
11	Numanoğlu, F. P. and Tunc, G., "Turkey's Credit Rating and Earthquake Fact," 3rd National Young Engineers Symposium, Istanbul, Turkey, May 6-7, 2016.

12	Bozkuş, M. B. and Tunc, G., "Civil Engineering and Ethics," 3rd National Young Engineers Symposium, Istanbul, Turkey, May 6-7, 2016.
13	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, October 14-16, 2015.
14	Tunc, G. and Özsaraç, E., "Recommendations for Improvement of Turkey's Public-Private Partnership Model," 3rd National Conference on Earthquake Engineering and Seismology, Izmir, Turkey, October 14-16, 2015.
15	Tunc, G. and Khayyat, Z., "The Structural Analysis and Design of Buildings with Shear Wall and Rigid Basements," International Conference on Civil and Environmental Engineering, Nevşehir, Turkey, May 20-23, 2015.
16	Tunc, G. and Mohammed, A. M., "Strengthening and Repair Methods in Iraq for Reinforced Concrete Beams," World Conference on Technology, Innovation and Entrepreneurship, Istanbul, Turkey, May 20-23, 2015.
17	Tunc, G., "Public Policy and the Turkish Construction Sector," Twenty Third World Business Congress, Ankara, Turkey, June 24-28, 2014.
18	Tunc, G., Özuygur, A.R., and Yurtsever, M., "Critiques of the Turkish Seismic Code," 7th National Earthquake Engineering, Istanbul, Turkey, May 30 - June 3, 2011.
19	Tunc, G., Uğraş, B., and Tanfener, A., "Steel Case Study: Planetarium Building and the Gaziantep Zeugma Mosaic Museum," 3rd National Steel Symposium, Gaziantep, Turkey, October 8-10, 2009.
20	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.
21	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.
22	Tunc, G., Deason J.T., and Shahrooz, B.M. "Hybrid Structural Wall-Steel Frame Systems", American Concrete Institute Fall Convention, USA, 1998.

# **CITATIONS**

Web of Science Number of Citations (Without self-citation):	135 (107)
H-index (ISI Web of Science):	6
Citations (Google Scholar):	470
H-index (Google Scholar):	11

## **COURSES TAUGHT**

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

## **GRADUATE STUDENTS WITH THESES SUPERVISED**

1	MS Thesis, "Policy, Financing and Risk Management Issues of Public Private Partnership Projects", Ala' Mustafa Shukri Ahmad, July 2021
2	MS Thesis, "Finite Element Analysis of Concrete Encased Steel Composite Columns and Reinforced Concrete Beams", Mohammed Moatasem Othman Othman, July 2021
3	MS Thesis, "Experimental Analysis of the Behavior of Composite Column-Reinforced Concrete Beam Joints", Abdulrrahman A. Dakhil, August 2020
4	MS Thesis, "Comparative Study of Wind and Earthquake Loads on Reinforced Concrete Buildings with Different Floor Configurations", Nooruldeen Tareq Khalid, July 2020
5	MS Thesis, "Structural Behavior and Cost Comparison of Various Slab Types in Reinforced Concrete Tall Buildings", Abdul Basir Azizi, July 2020
6	MS Thesis, "Determination of the Optimum Shear Wall Area to Floor Area Ratio for Reinforced Concrete Buildings", Mustafa Khalid Abdullah Al-Ageedi, August 2019
7	MS Thesis, "Behavior of High Strength Shear Connectors Embedded in Concrete", Adil Hadi Wardi Wardi, June 2019
8	MS Thesis, "Structural Analysis of Buildings with Horizontal and Vertical Irregularities", Burhan Duyar, September 2016

9	MS Thesis, "Study on the Fundamental Period of Vibration for Buildings with Different Configurations", Bashar Azeez Shon, April 2015	
10	MS Thesis, "Structural Analysis and Design of Buildings with Rigid Basements and Shear Walls", Zainab Kamal Ahmed Khayyat, January 2015	
11	MS Thesis, "Strengthening and Repair Methods in Iraq for Reinforced Concrete Beams", Anas Malik Mohammed, January 2015	

# GRADUATE STUDENTS WITHOUT THESES (MS PROJECTS) SUPERVISED

1	MS Project, "Sustainability in Tall Building Design: A Literature Review", Yacouba Moussa Maiga, January 2025
2	MS Project, "Design Challenges in Tall Buildings: A Literature Review", İlkin Süleymanlı, January 2025
3	MS Project, "Challenges Faced by the Construction Industry in Zambia", Lupiya Eddie Chekwe, January 2020
4	MS Project, "Advances in Steel-Concrete Composite Systems", Abdimajid Mohamed Ali, January 2020
5	MS Project, "Credit Rating Agencies and the Effects of Natural Disasters in Turkey", Tuğçe Panal, June 2018
6	MS Project, "Strut-and-Tie Model", Ahmed Khalid Amhimmid Namroud, January 2018
7	MS Project, "Behavior and Design of Shear Walls and Coupling Beams", Aydan Yüsra Özen, January 2018
8	MS Project, "Structural Lightweight Aggregate Concrete", Mohamed Abousif, June 2017
9	MS Project, "Seismic Protection with Energy Dissipating Devices", Omran Taher Elmesallati, June 2017
10	MS Project, "Wind-Induced Loads on Buildings", Mohammed Najdat Fateh, January 2016

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