

CURRICULUM VITAE



Professor Dr. Semiha YILMAZER

1. PERSONAL DATA

Date and Place of Birth	: May 12, 1967, İskenderun – Türkiye
Address	: Hasan Kalyoncu University (HKU), Faculty of Fine Arts and Architecture, Department of Architecture, Gaziantep – Türkiye
E-Mail	: semiha.yilmazer@hku.edu.tr (HKU) ysemiha@metu.edu.tr (METU)

2. ACADEMIC DEGREES

Prof. Dr.	Hasan Kalyoncu University (HKU)	2025
Prof. Dr.	Middle East Technical University (METU)	2025
Visiting Professor.	Purdue University, India, USA	2022
Visiting Professor.	Appalachian State University, North California, USA	2019
Assoc. Prof.	Architecture (Technology)- High Education Council (YÖK)	2010
Asst. Prof.	Bilkent University	2006
Ph.D.	Karadeniz Technical University	1998
M.Sc.	Karadeniz Technical University	1990
B.S.	Karadeniz Technical University	1987

3. EMPLOYMENT HISTORY

09 2025 – Present	Professor (Full-time) Hasan Kalyoncu University (HKU), Faculty of Fine Arts and Architecture, Department of Architecture, Gaziantep, Türkiye
10 2025 – Present	Professor (Part-time) Middle East Technical University, Faculty of Architecture, Department of Architecture, Ankara, Türkiye
12 2011 - Present	Company Founder CSY Ar-Ge ve Mühendislik Mimarlık Danışmanlık-Semiha Yilmazer
01 2019 – 06 2019	Visiting Professor Appalachian State University Department of Interior Architecture, North Carolina, USA
02 2006 – 08 2025	Assistant Professor Bilkent University, Department of Interior Architecture and Environmental Design (IAED), Ankara, Türkiye
09 2000 - 02 2006	Instructor (Full-time) Bilkent University, IAED, Ankara, Türkiye
02 2000 – 06 2000	Instructor (Part-time) Bilkent University, IAED, Ankara, Türkiye
04 1998 - 01 2000	Teaching Assistant (Ph.D.) Karadeniz Technical University, Dept. of Architecture, Trabzon, Türkiye
09 1989 - 04 1998	Research Assistant Karadeniz Technical University, Dept. of Architecture, Trabzon, Türkiye
03 1989 – 07 1987	Architect Ekol Mimarlık Mühendislik Ltd. [Architecture & Engineering Ltd.], Trabzon, Türkiye

4. PROFESSIONAL AWARDS

- 4.1.** TÜBİTAK (Scientific and Technical Research Council of Turkey) 2219 Grant, 2019
- 4.2.** TÜBİTAK (Scientific and Technical Research Council of Turkey) 2214 Grant, 2010
- 4.3.** Winner of World Bank "Turkey Development Marketplace Competition", 2005
- 4.4.** Science Award of TÜBİTAK 1998, Hüsamettin Tuğac Vakfı, Second Prize
- 4.5.** Science Award of TÜBİTAK 1996, Hüsamettin Tuğac Vakfı, Third Prize
- 4.6.** National Productivity Center of Turkey scholarship for Ph.D. study, 1998
- 4.7.** National Productivity Center of Turkey scholarship for M.S. study, 1990

5. HONORS, SCHOLARLY AND PROFESSIONAL DUTIES, AND ACHIEVEMENTS

- 5.1.** Faculty Advisor, 2024. The Robert Bradford Newman Student Award, Acoustical Society of America, Medalist: Ela Faslija (Ph.D.), Project Title: Developing Wideband Acoustic Absorbers Through Modelling, Measurements, and Architectural Settings.
- 5.2.** Faculty Advisor, 2021. Bilkent University, ESBE Kalbiye Tansel and Çiğdem Baran Tansel Ph.D Award. Recipient: Volkan Acun (Ph.D.), Title: An Approach Based on Sound Classification to Predict Soundscape Perception Through Machine Learning (ML).
- 5.3.** Consulting for R&D Project supported by FELTOUCH COMPANY, Beylerbeyi, İstanbul (see 13)
- 5.4.** Visiting Scholar, Purdue University, Mechanical Engineering Department, W. Ray Herrick's Laboratory, 2021-2022, West Lafayette, Indiana, USA.
- 5.5.** Visiting Professor, Appalachian State University, Interior Design Department, 2019, Boone, North Carolina, USA.
- 5.6.** Associate Member, National Nanotechnology and Materials Institute (UNAM), Ankara, 2015-
- 5.7.** D1_Temel Bina Akustiği Eğitimi Eğitmeni, Şehircilik ve Çevre Bakanlığı, 2019 -
- 5.8.** TÜBİTAK MAG (Mühendislik Araştırma Grubu) Proje Panelisti, 2015 -
- 5.9.** Member of Editorial Board of the Journal of Livenarch, May 2024-
- 5.10.** Member of Editorial Board of Architectural Science Review, December 2007-
- 5.11.** Project manager of TÜBİTAK 3001 Program (see 13.1)
- 5.12.** Project manager of R&D project supported by CSY R&D Eng., (see 13.3)
- 5.13.** Project manager of KOSGEB Innovation Programme, (see 13.4)
- 5.14.** Project Refereeing for M-ERA.NET Call 2016 (P.Coordinator: Norwegian University, Norway)
- 5.15.** Expert on D1_Building Insulation Certificate (D1 Uzmanı)
- 5.16.** Expert on Energy Identification Certificate (EKB Uzmanı)
- 5.17.** Consulting for R&D project supported by Tepe Betopan A.Ş, (see 13.5)
- 5.18.** Consulting for Project Proposal, TÜBİTAK TEYDEP 1505, Tepepan A.Ş, 2014
- 5.19.** Consulting for Acoustical Renovation for TRT Ankara Radyo Evi, 2015
- 5.20.** Coordinator of "Architectural Acoustics and Fire Safety", Bilkent University (BU), 2010-present
- 5.21.** Coordinator of "4th year Interior Design Studio", Bilkent University (BU), 2021-present
- 5.22.** Coordinator of Graduate Course"Art, Science, and Technology", Bilkent University (BU), 2024
- 5.23.** Coordinator of "3rd year Interior Design Collaborative Studio", Bilkent University (BU), Turkey and Appalachian State University (ASU), USA-2016
- 5.24.** Chairman of the 36th International Inter-noise Congress, 2007_Present
- 5.25.** Congress Session Organizer, Artificial Intelligence in Built Environments, Inter-noise 2020_Present
- 5.26.** Congress Session Organizer, Indoor Soundscape, Inter-noise, 2015_Present
- 5.27.** Congress Session Organizer, LIVENARCH-IV Replacement of Architecture
- 5.28.** Laboratory establisher of Innovative Building Materials- Dept. of Interior Architecture, Bilkent University, 2016
- 5.29.** Laboratory establisher of Color and Lighting-Full scale- Dept. of Interior Architecture, Bilkent University, 2008
- 5.30.** Laboratory establisher of Building Materials-Dept. of Architecture, Karadeniz Technical University (KTU), 1995
- 5.31.** Research Project Referee_Consultancy, TUBİTAK 2515 (Action TO0901), TUBITAK TEYDEP 1507, TÜBİTAK 1001, European Research (EU) Project_2018 to 2024, Netherland_NGF 2024.

6. Services to the Academic Field

- 6.1 Refereeing for Scholarly and Professional Journals

Applied Acoustics (SCI), 2015-
Building and Environment (SCI), 2011-

7. PROFESSIONAL ACTIVITIES

7.1. Founder and Manager of CSY Ar-ge ve Mühendislik Mimarlık Danışmanlık- Semiha Yılmazer, [CSY R&D Engineering Architecture Consulting]-(2011-present). This company is conducting R&D projects, which are given below (see 13). <http://www.csy-arge.com.tr>

7.2. Architectural Design and Application of YILMAZERs' Villa, Altınoluk, Turkey, 1995

7.3. Architectural Design and Application of KOCs' Apartment, Trabzon, Turkey, 1992

8. MEMBERSHIP

8.1. Member of Turkish Acoustics Society

8.2. Member of the Turkish Lighting Society

8.3. Member of the Turkish Chamber of Architects

8.4. Member of the Architect Association

9. INVITED LECTURES AND INVITED TALKS

9.1. Uzman D1 Eğitmeni, Şehircilik ve Çevre Bakanlığı_D1 Temel Bina Akustiği Eğitimi, TMMOB Mimarlar Odası, 2018 to present.

9.2. Mimari Akustik Rapor ve D1 Eğitimi? [Architectural Acoustic Report and D1 Training Program], SGMS Seminerleri, TMMOB Mimarlar Odası, Gebze Şubesi, June 2024.

9.3. Mimari Akustik Rapor ve Projesi Neden Gereklidir? [Why the Architectural Acoustic Report and Projects Is Required?], SGMS Seminerleri, TMMOB Mimarlar Odası, Ankara Şubesi, November 2022.

9.4. Mimarlık ve Uzlaşı [Architecture and Consensus], Kocaeli Üniversitesi, Mimarlık ABD Doktora Atölye II, March 2021

9.5. Visiting Professor in the Department of Applied Science, Appalachian State University, North Carolina, USA, Spring 2019 Semester

9.6. Building Science Review of Year, Appalachian State University, North Carolina, USA, May 2019

9.7. Applications of Sound Insulation in Dwellings, Department of Architecture, IDEX, Appalachian State University, North Carolina, USA, March 2019

9.8. How Technology Enables a Global Cross-cultural Design Studio, Appalachian State University, North Carolina, USA, March 2019.

9.9. Diyarbakır'ın Tarihi Sesleri: Diyarbakır Suriçi Bölgesinde Akustik Mirasın Değerlendirilmesi [Historical Sounds of Diyarbakır: The Assessment of the Architectural Heritage in Diyarbakır Suriçi Distinct], Dicle Üniversitesi, 28 March 2018.

9.10. Passive House_Expanded Perlite Clay-Based (ExcP) Thermal Insulation Board, EU H2020 International Brokerage Event, Cities of Future (CoF), 26-27 October 2017, Brussels, Belgium. TÜBİTAK received monetary support.

9.11. Cami Akustiği – Kocatepe Camii, Diyanet İşleri Başkanlığı ve Bilkent Üniversitesi [Mosque Acoustics - Kocatepe Mosque, Presidency of Religious Affairs and Bilkent University], October 2005.

9.12. Perlit ve Yalıtımdaki Yeri, Demirtaş- Hafifbeton ve Hafifyapı Teknikleri Semineri (3), [Perlite and Using for Insulation, Seminar of Lightweight Concrete and Lightweight Construction Techniques (3)], June 2001.

9.13. Yapı Kabuğu ile Gürültü Denetimi, TMMOB Makina Mühendisleri Odası [External Building Material and Noise Control, Chamber of Mechanical Engineering], June 1998.

10. ARTISTIC EXHIBITS OR PERFORMANCES

10.1. "Mediterranean: Space- 5 Senses- Memory", Mimarlar Derneği, May 2004.

10.2. "The Abstraction of a Tree", Bilkent University, February 2002.

10.3. "Order", Municipality of Çankaya, Contemporary Arts Center, sponsored by Bilkent University Foundation, February 10-17, 2001.

11.TEACHING

11.1. Graduate Courses:

- 11.1.1. Hasan Kalyoncu University, Applied Science Institute, ARCH Program (2025-present)
MIM 565 Mimarlıkta Veri Toplanması ve Analizi (Data Collection and Analysis in Architecture)
MIM 646 Mimarlıkta Analiz Yöntemleri (Analysis Approaches in Architecture)
- 11.1.2. Bilkent University ESBE IAED Program(2024-2025)
IAED 574 Science, Art, and Technology

11.2. Undergraduate Courses:

- 11.2.1. Hasan Kalyoncu University,
MIM 319 Yapı Fiziği (Building Physics) (2025-Present)
- 11.2.2. Middle East Technical University (2025-Present)
ARCH 460 Appropriate Technology
- 11.2.3. Appalachian State University, North Carolina, USA (2019 Spring)
3001 Interior Design Studio-I
3003 Interior Design Studio-III
- 11.2.4. Bilkent University, Ankara, Turkey (2000-2025)
IAED 341 Architectural Acoustics and Fire Safety
IAED 301 Design Studio-III
IAED 302 Design Studio-IV
IAED 201 Design Studio-II
IAED 202 Design Studio-II
IAED 401 Design Studio-V
IAED 402 Design Studio-VI
FA 101 Basic Design-I
FA 102 Basic Design-II
FA 131 Technical Drawing and Lettering-I
FA 132 Technical Drawing and Lettering-II
- 11.2.5. Karadeniz Technical University, Trabzon, Turkey (1998-1999)
MIMB 242 Mimari Tasarım [Architectural Design] IV-III
MIMB 435 Yapı Projesi [Construction Projects]
MIMB 325 İklim Denetimi [Building Climatology]
MIMB 226 Aydınlatma ve Akustik [Illumination and Acoustics]

12.GRADUATE STUDENT SUPERVISION

12.1. Ph.D. Thesis

- 12.1.1 Zekiye Şahin, Ph.D., An Attention Prediction Model for the Acoustic Assessment of Informal Learning Environments, 6/2020 – present (co-advisor).
- 12.1.2 Cemre Orhan, Ph.D., Reinterpreting Hospital Soundscapes Through Participatory Design Methods: A Case of A Pediatric Inpatient Unit, 6/2019 – 5/2025.
- 12.1.3 Enkela Alimadhi, An Approach to Exploring Biophilic Quality, Soundscape Quality and Psychological Restoration in Outpatient Oncology Polyclinics, 6/2018 – 4/2025.
- 12.1.4 Ela Fasilitija, Ph.D., Developing Wideband Acoustic Absorbers Through Modelling, Measurements, and Applications in Architectural Settings, 6/2017 – 1/2024.
- 12.1.5 Donya Dalirnaghadeh, Ph.D., The effect of sound environment on spatial knowledge acquisition in a virtual outpatient polyclinic, 6/2016 – 6/2022.
- 12.1.6 Volkan Acun, Ph.D., An Approach Based on Sound Classification to Predict Soundscape Perception Through Machine Learning, 6/2015 – 7/2021.

12.2. MFA Thesis

- 12.2.1. Cem Kaan Şen, MFA, A Comparative Study on the Performance of PLA and PET Acoustic Perforated Panels, 6/2023 – 9/2025.

12.2.2. Oya Yıldız, MFA, A Comparative Study on Soundscape Perceptions of Patients, Patients' Relatives, and Healthcare Staff in Bilkent University Health Center and Bilkent City Hospital Oncology Outpatient Polyclinic, 6/2023 – 9/2025.

12.2.3. Ceren Şahmaran, MFA, Exploring Audio-visual Perceptions of Students with Attention Deficit and Hyperactivity Disorder (ADHD) in Informal Learning Environment, 6/2022 – 9/2025.

12.2.4. F. Somalia Syed, MFA, Grounded Theory Approach on Audio-visual Perception of Users in the Restaurant Environment, 6/2019 – 6/2024.

12.2.5. E. Esin Bayramlı, MFA, The Effects of the Lighting Levels on Lighting Preference in Residence for Elderly People Using Non-Immersive Virtual Environment, 6/2019 – 6/2023.

12.2.6. Zeynep Uğurlu, MFA, Audio-Visual Perception of Outpatients in an Oncology Polyclinic, 6/2019 – 6/2022.

12.2.7. Elif Mercan, MFA, Production of Aerogel-modified Expanded Perlite Aggregate and Clay (AEP/C) Board and Investigation on Physical and Mechanical Properties, 6/2018-9/2020.

12.2.8. Cemre Orhan, MFA, A Comparative Study on Indoor Soundscape in Museums Environment, 6/2018-9/2020.

12.2.9. Zekiye Şahin, MFA, " A Comparative Study on Soundscape in Real and Virtual Open Office Environments" 6/18-9/2020.

12.2.10. Büşra Gümüşay, Costumers' Emotional and Behavioral Response under Different Accent Lighting Conditions in a Real Retail Store, 6/2016 – 9/2018.

12.2.11. Büşra Kuş, MFA, A Comparative Study on Spatial Perception in Real and Virtual Perception Office Environments under Different Lighting Conditions, 6/2016 – 9/2018.

12.2.12. Esra Kürkü MFA, Effects of Correlated Color Temperatures on Color Task Performance in Office Environment, 6/2015- 9/2017.

12.2.13. Pardis Taherzadeh, MFA, Effects of Color Correlated Color Temperature (CCT) of LED Task Lighting upon Reading Task Performance, 6/2015 – 2017.

12.2.14. Eray Erdemli, MFA, The Effect of Density on Impact Sound Insulation of the Expanded Polystyrene (EPS) Block Used As Filler One-way Hollow Core Slab in Dwellings, 6/2013-9/2016.

12.2.15. Sila Çankaya, MFA, A Comparative Study on Soundscape in High School Environment, 6/2014-7/2016.

12.2.16. Özgün Sinal, MFA, A Comparative Study on Indoor Sound Quality of the Practice Rooms upon Classical Singing Trainees' Preference, 6/2013-9/2015.

12.2.17. Volkan Acun, MFA, Investigating the Effect of Indoor Soundscaping Towards Employees' Speech Privacy, 6/2013-8/2015.

12.2.18. Zeynep Bora, MFA, Understanding Soundscape in Public Spaces: A Case Study in Akköprü Metro Station, Ankara, 6/2010-1/2014.

12.2.19. Pelin Meriç Gezginer, MFA, The Effects of Speech Interference in Enclosed Leisure Spaces: A Case Study in Bilkent Roll-House, Ankara, 6/2009 – 7/2011.

12.2.20. Elif Öztürk, MFA, Effect of Color Scheme on the Assessment of Office Environment and Task Performance, 6/2008-9/2010.

12.2.21. Papatya Dökmeç, MFA, Acoustical Comfort Evaluation in Enclosed Public Spaces with a Central Atrium: A Case Study in Food Court of Cepa Shopping Center, Ankara, 6/2007 – 9/2009.

12.2.22. Kivanç Kitapçı, MFA, Effects of Speech Intelligibility on Computer-Based Work Performance in Open-plan Office, 6/2006 - 7/2008.

12.2.23. Zühre Sü, MFA, Acoustical Performance Analysis of Bilkent University Amphitheater. A Proposal for Renovation, 6/2002 - 7/2004.

13. PATENT

"Ventilated Double Leaf External Wall Briquette". Turkey. 29394, 30.11.1993. Co-owners: Mesut B. Özdeniz, Asiye Pehlevan, Yalçın Yaşar, Figen Kars.

14. SPONSORED RESEARCH PROJECTS

14.1 **Yılmazer, S.**, Sorguç AG., Yemişoğlu MK., (2024). Hastane Işitsel Peyzajında Kullanıcıların Algısını Tahmin Etmek İçin Bir Yapay Zeka (YZ) Modelini Entegre Eden Özgün Bir Yaklaşımın Geliştirilmesi [Development of a Novel Approach to Hospital Soundscapes Incorporating an Artificial Intelligence (AI) Model to Predict Users' Perception], (PI: Semiha Yılmazer) TÜBİTAK 1001_MAG, October 2024_September 2026, (Budget: 1.594.000,00 TL)

14.2 **Yılmazer, S.**, (2024). Geniş Bant Spektrumlu Akustik Panel Üretiminde Geri Dönüşürülemeyen Pet Atıklarının Değerlendirilmesi ve Tasarım Süreçlerinin Yazılım Tabanlı Tasarımla Etkinleştirilmesi, TÜBİTAK 1832 Sanayide Yeşil Dönüşüm Çağrısı, "154905" geçici kodlu projede FELTOUCH'a Akademik Danışmanlık, İP2 to İP4 (Budget: 2.000.000,00 TL),

14.3 Faslilija, E. and **Yılmazer, S.**, 2022. Designing wideband acoustic absorbers for architectural applications [Mimari uygulamalar için geniş bant akustik yutucuların tasarlanması], TÜBİTAK 1002A, April.

14.4 **Yılmazer, S.**, Yapılı Çevrede İşitsel Peysaj (SiBE), (2022). Tasarımı için Artırılmış Gerçeklik (AR) ile Uyumlu Olacak Tahmini bir Model Oluşturma [Grounding Predictive Model Adapted to Augmented Reality (AR) for Soundscape Design in Built Environment (SiBE)], TÜBİTAK 2219, September 2021-September.

14.5 **Yılmazer, S.**, and Baytekin, B., (2020). Perlit-Kil Tabanlı (Gpk) Dış Cephe Isı Yalıtım Levhası Optimizasyonu”, [Optimization of the expanded perlite clay based (Epcb) wall thermal insulation board], (PI: Semih Yılmazer), TÜBİTAK 3001 Program, September.

14.6 **Yılmazer, S.**, (2016). Kolemanit Katkılı Kompakt Perlitli Yalıtım Plakalarının Isı ve Mekanik Performanslarının Araştırılması [Investigation of Thermal and Mechanic Performance of Compact Thermal Insulation Boards Made of Expanded Perlite Combined with Colemanite], supported by CSY R&D Engineering Architecture Consulting Project, May.

14.7 **Yılmazer, S.**, (2015). Yapı Malzemesi Tasarım Aracı- Bimsli Briket Örneğinde, [A Measuring Tool for Designing Building Materials, A Case Study on Pumice Briquette], KOSGEB Ar-ge ve İnovasyon Destek Programı, January.

14.8 **Yılmazer, S.**, (2014). Çimento Ahşap Levha'da Ahşap Çalışmasının Emprenye Muamelesi ile İyileştirilmesi [Improving of Wood Particles Using Impaired Process in Cement Bonded Wood Composite], TEPE Betopan A.Ş., Kasım.

14.9 Özdeniz M.B., **Yılmazer, S.**, and Yılmazer, C., (1998). Perlitli Akustik Plakaların Nemli Ortamlardaki Davranışları”, TÜBİTAK Projesi, INTAG-630, [Behaviour of Acoustical Plates Made of Expanded Perlite in Moist Environments, INTAG of Scientific and Technical Research Council of Turkey (TUBITAK) Project Number: 630], Trabzon, July 1998 (reprint: Karadeniz Technical University Research Fund. Project Number: 96.112.002.1., Trabzon, Turkey, November.

14.10 Özdeniz, M.B., Pehlevan, A., Yaşar, Y., **Yılmazer, S.**, Yılmaz, M., Kars, F., and Kan, Ü., (1994). Briketlerin Higrotermal Özelliklerinin Saptanması ve İyileştirilmesi, TÜBİTAK Projesi, INTAG-605, [Determining and Improving of Hygrothermal Properties of Briquettes. INTAG of Scientific and Technical Research Council of Turkey (TUBITAK) Project Number:605], Trabzon, Turkey, January.

14.11 Özdeniz M.B., Pehlevan, A., Yaşar, Y., **Yılmazer, S.**, and Yılmazer, C., (1994). Doğu Karadeniz Bölgesinde Dış Yapı Malzemeleri, Devlet Planlama Teşkilatı (DPT) Projesi, [Exterior Building Materials in Eastern Black-sea Region, Turkish Republic (TC)- State Planning Organization (DPT) Qualified Housing Research in Eastern Black-sea Region, Vol. 3, pp. 33-112, Karadeniz Technical University, Dept of Architecture, Trabzon, Turkey.

14.12 Özdeniz M.B. and **Yılmazer, S.**, (1991). Camyünü Ve Polistren Köpük Levhalarının Isı İletkenlik ve Buhar Difüzyon Direnç Katsayılarının Ölçülmesi, Ölçümler, İzocam firması için yapılmıştır. [Measurement of thermal conductivity and vapor permeability of Glasswool and Polystyrene Foam Sheets for Izocam Ltd], İstanbul, Turkey,

14.13 Özdeniz, M.B., and **Yılmazer, S.**, (1990). Perlitli Isı Yalıtım Elemanlarının Higrotermal Davranışları, KTÜ Araştırma Fonu, [Hygrothermal Behaviour of Thermal Insulations Materials Made of Expanded Perlite, Karadeniz Technical University Research Fund], Trabzon, Turkey,

15. SCHOLARLY PUBLICATIONS

15.1 Ph.D. Dissertation

Perlitli Akustik Plakaların Nemli Ortamlardaki Davranışları, [Behaviour of Acoustical Plates Made of Expanded Perlite in Moist Environment], June/1998. Prof. Dr. Mesut B. Özdeniz (Supervisor)

15.2 Master Dissertation

Perlitli Isı Yalıtım Elemanlarının Higro-termal Davranışları [Higro-thermal Behaviour of Thermal Insulation Boards Made of Expanded Perlite], June/1990. Prof. Dr. Mesut B. Özdeniz (Supervisor)

15.3 Published Book

Dökmeç, P.N., and **Yılmazer, S.**, Architectural and Acoustical Evaluations of CEPA Shopping Center, Lambert Academic Publishing, 2011.

15.4 Articles in refereed journals listed by ISI Citation Indices (SCI, SSCI, A&HCI)

15.4.1 Alimadhi, E., **Yilmazer, S.** (2025) Evaluating Audio-Visual Perception and Psychological Restoration based on Biophilia Hypothesis Paradigm: A Multi-Domain Assessment in Oncology Waiting Areas, Building and Environment, (SCI)

15.4.2 Orhan, C., and **Yilmazer, S.** (2024) The Neonatal Intensive Care Unit (NICU) Context and The Perceived Soundscape: A Grounded Theory Approach, Health Environments Research and Design Journal, (SCI) doi: 10.1177/19375867241229652.

15.4.3 **Yilmazer, S.**, Aras., U., Kalaycioglu., H. and Temiz., A. (2023) Water Absorption, Thickness Swelling and Mechanical Properties of Cement Bonded Wood Composite Treated with Water Repellent, Maderas-Cienc Tecnol (SCI), Vol 25 (35), 1-15.

15.4.4 **Yilmazer, S.**, Faslija, E., Alimadhi, E., Sahin, Z., Mercan, E., and Dalirnaghadeh, D. (2023) A Principal Component Model to Identify Turkish Soundscapes' Attributes Based on a Corpus-driven Approach, Applied Acoustics, (SCI), Volume 209, 109410

15.4.5 Mercan, E. and **Yilmazer, S.** (2022) Study of Physical and Mechanical Properties of Aerogel-modified Expanded Perlite Aggregate and Clay (AEP/C) Board, Construction and Building Material (SCI), Vol.361, 129602

15.4.6 Dalirnaghadeh, D. and **Yilmazer, S.** (2022) Effect of the Sound Environment on Spatial Knowledge Acquisition in Virtual Outpatient Polyclinic, Applied Ergonomics (SCI). Vol. 100.

15.4.7 Topak, C.S. and **Yilmazer, S.** (2022) A Comparative Study on Indoor Soundscape via a Mixed Method: A Case the High School Environment, Applied Acoustics, (SCI), Vol. 189.

15.4.8 Orhan, C. and **Yilmazer, S.** (2021) Harmony of Context and the Built Environment: Soundscapes in Museum Environments, Applied Acoustics, Vol. 173 (SCI).

15.4.9 Acun, V and **Yilmazer, S.** (2019) Combining Grounded Theory (GT) and Structural Equation Modelling (SEM) to Analyze Indoor Soundscape in Historical Places, Applied Acoustics, Vol. 155, pp. 515-524 (SCI).

15.4.10 Acun, V and **Yilmazer, S.** (2018) Understanding the Indoor Soundscape of Study Areas in Terms of Users' Satisfaction, Coping Method and Perceptual Dimensions, Noise Control Engineering Journal, Vol. 66, pp.66-75 (SCI).

15.4.11 Acun, V and **Yilmazer, S.** (2018) A Grounded Theory Approach to Investigate to Perceived Soundscape in Open-Plan Offices, Applied Acoustics, Vol. 131, pp. 28-37 (SCI).

15.4.12 Sinal, Ö. And **Yilmazer S.** (2018) Effects of Perceived Singing Effort on Classical Singers' Reverberation Time Preferences Towards Music Practice Rooms, Applied Acoustics, Vol. 136, pp.132-138 (SCI).

15.4.13 **Yilmazer, S.** and Acun, V. (2018) A Grounded Theory Approach to Assess Indoor Soundscape in Historic Religious Spaces of Anatolian Culture: A Case Study on Haci Bayram Mosque, Building Acoustics, Vol. 25, pp. 137-150 (ESCI).

15.4.14 **Yilmazer, S** and Bora, Z, (2017) Understanding the Indoor Soundscape in Public Transport Spaces: A Case Study in Akköprü Metro Station, Ankara, Building Acoustics, Vol 24(4), pp. 325-339 (ESCI).

15.4.15 Dökmeci, P.N., and **Yilmazer, S.** (2012) Relationships Between Measured Levels and Subjective Ratings: A Case Study of the Food-Court Area in Cepa Shopping Center, Ankara, Building Acoustics, Vol. 19 (1), pp. 57-73 (ESCI).

15.4.16 Öztürk, E., **Yilmazer, S.** and Ural, SE. (2012) The Effects of Achromatic and Chromatic Color Schemes on the Performance and Appraisal in on the Office Environment, Color Research and Applications, Vol. 37(5), pp.359-366 (SCI).

15.4.17 Ural, S. and **Yilmazer, S.** (2010) Architectural Colour Design Process: An Evaluation on Sequential Media via Semantic Ratings, Color Research and Application, Vol.35 (3), pp. 343-351 (SCI).

15.4.18 **Yilmazer, S.**, and Özdeniz M. B. (2005) The Effect of Moisture Content on Sound Absorption of Expanded Perlite Plates, Building and Environment, vol. 40 (3), 2005, pp. 311-318 (SCI).

15.5 Articles in refereed journals NOT listed by ISI Citation Indices (that is, not listed by SCI, SSCI, or A&HCI)

15.5.1 Tanrıöver, S., Düzgüneş, A., and **Yilmazer, S.** (2008) A Critical Analysis on Sunlight Patches in Patient Room via Simulation, Architectural Science Review, vol. 51.3, pp. 21-30 (AI).

15.5.2 Su, Z., and **Yilmazer, S.** (2008) The Acoustical Characteristic of Kocatepe Mosque, Ankara, Architectural Science Review, vol. 51.1, pp. 21-30 (AI).

15.5.3 **Yilmazer, S.** and Su, Z. (2007) A Touching Past and A Desperate Future: History and Acoustics of Kocatepe Mosque, Arkitekt, 2007/3, pp. 12-18 (AI).

15.5.4 Su, Z., **Yilmazer, S.** (2006) The Acoustical Performance Analysis of Bilkent Amphitheater. A Proposal for Renovation, Architectural Science Review, Vol.49.2, pp. 167-178 (AI).

15.6 Articles in non-refereed journals

15.6.1 **Yilmazer, S.** and Ural SE. (2011) Sürdürülebilirlikte Kullanıcı Memnuniyeti [User Satisfaction in Sustainability] (Invited paper), *Ekoyapı*, Sayı 6, pp. 74- 76.

15.6.2 **Yilmazer, S.**, and Yener, C. (2001) Aydınlatma Eğitimi [Lighting Education] (Invited paper), *Ege Mimarlık*, 39, pp. 28-29.

15.6.3 **Yilmazer, S.** (1998) Yapı Kabuğu ile Gürültü Denetimi (Invited paper), TMMOB Makina Mühendisleri Odası Yayıni- Gürültü Kirliliği [Noise Control with Building Façade, Proceeding of the Chamber of Mechanical Engineering, Noise Pollution], pp. 13-16.

15.7 Refereed proceedings

15.7.1 Kayaçetin, NC. and Yilmazer, S., "Modified Life Cycle Assessment Framework for Acoustic Performance Analysis", LIVENARCH IX, 9th International Congress, Trabzon, Türkiye, 25-27 September 2025.

15.7.2 Yilmazer, S., Sorguç, AG., and Krusa, MY. "An Initial Analysis of the Hospital Soundscape via the Language Model Based on the BERT (Bidirectional Encoder Representation from Transformers)", 54th Inter-noise Congress, Sao Paulo, Brazil, 24 – 27 August 2025.

15.7.3 Yildiz, O. and Yilmazer, S., "A comparative study on soundscape perception in different healthcare settings", 54th Inter-noise Congress, Sao Paulo, Brazil, 24 – 27 August 2025.

15.7.4 Sahmaran, C., and Yilmazer, S., "Evaluating perceived affective quality (PAQ) in informal learning environments: A comparative study on ADHD and non-ADHD students, Sao Paulo, Brazil, 24 – 27 August 2025.

15.7.5 Sen, CK., and Yilmazer, S., "Comparing the acoustic performance of organic and inorganic micro-perforated panels in a meeting room", 54th Inter-noise Congress, Sao Paulo, Brazil, 24 – 27 August 2025.

15.7.6 Yilmazer, S., and Öztürk, ZS., "A Novel algorithm for model evaluation in acoustic studies with small datasets: A comparison of linear and neural network models", Acoustic Society of America (ASA), 188th Meeting, New Orleans, USA, 18-23 May 2025.

15.7.7 Yilmazer, S., and Sen, CK., "Assessment of organic and inorganic panels as acoustic treatment in the meeting room", Acoustic Society of America (ASA), 188th Meeting, New Orleans, USA, 18-23 May 2025.

15.7.8 Yilmazer, S., Keseci, Tuba., and Faslija, E. "Objective and subjective assessment of PET felt recycled panels as acoustic treatment in the meeting rooms", 53rd Inter-noise Congress, Nantes, France, 25 – 29 August 2024.

15.7.9 Öztürk, SZ., and Yilmazer, S. "A causal model for acoustic assessment of informal learning environments", 53rd Inter-noise Congress, Nantes, France, 25 – 29 August 2024.

15.7.10 Alimadhi, E., and Yilmazer, S. "An investigation of soundscape perception in oncology polyclinics' waiting area based on biophilia hypothesis paradigm: A field and laboratory study ", 53rd Inter-noise Congress, Nantes, France, 25 – 29 August 2024.

15.7.11 Yilmazer, S. and Şahin, Z., "A nonlinear model for predicting soundscape perception of study areas ", Acoustic Society of America (ASA), 186th Meeting, Ottawa, Canada, 13-17 May 2024.

15.7.12 Alimadhi, E., and Yilmazer, S. "A Soundscape Perspective for Biophilia Hypothesis: Theoretical Considerations and Conceptual Approach," Acoustic Society of America (ASA), 186th Meeting, Ottawa, Canada, 13-17 May 2024.

15.7.13 Faslija, E. and Yilmazer, S., "The measurement of the absorption coefficient of inhomogeneous micro-perforated panels in a small-scale reverberation room," FORUM Acusticum 2023, 11-15 September, Politecnico di Torino, Italy.

15.7.14 Yilmazer, S., Faslija, E., Alimadhi, E., Şahin Z., Mercan, E., Dalirnaghadeh, D., "Agglomerative hierarchical cluster analysis to validate Turkish Perceptual Attributes grounded on corpus-driven data, 52nd Inter-noise Congress, Tokyo, Japan, 20-23 August 2023.

15.7.15 Yilmazer, S. and Syed, S., "Grounded Theory approach on the audio-visual perception of users in the restaurant environment," 52nd Inter-noise Congress, Tokyo, Japan, 20-23 August 2023.

15.7.16 Orhan, C., and Yilmazer, S., "Exploring the pediatric intensive care unit soundscape from health professional's perspective," 52nd Inter-noise Congress, Tokyo, Japan, 20-23 August 2023.

15.7.17 Yilmazer, S., Dalirnaghadeh, D., Faslija, E., Alimadhi, E., Şahin Z., Mercan, E., "A corpus-based approach to defining Turkish soundscape attributes," Acoustic Society of America (ASA), 184th Meeting, Chicago, Illinois, USA, 8-12 May 2023.

15.7.18 Yilmazer, S. and Alimadhi, E., "A preliminary field experiment to predict soundscape perception based on Biophilia Hypothesis Paradigm," Acoustic Society of America (ASA), 184th Meeting, Chicago, Illinois, USA, 8-12 May 2023.

15.7.19 Acun, V. And Yilmazer, S., "Using audio content and emotional response to predict soundscape perception through machine learning," Acoustic Society of America (ASA), 184th Meeting, Chicago, Illinois, USA, 8-12 May 2023.

15.7.20 Yilmazer, S, Davies, P., Yilmazer, C, "A virtual reality tool to aid in soundscapes in the built environment (SiBE) through machine learning," 51st Inter-noise Congress, Glasgow, Scotland, 21-24 August 2022.

15.7.21 Yilmazer, S., Acun V., Dalirnaghadeh, D., Faslija, E., Şahin Z., Mercan, E., "Principal dimensions of perceptual attributes in indoor public spaces," 51st Inter-noise Congress, Glasgow, Scotland, 21-24 August 2022.

15.7.22 Yilmazer, S. and Uğurlu, Z., "A Qualitative Approach to Explore Audio-Visual Interaction in a Hospital Environment ", 51st Inter-noise Congress, Glasgow, Scotland, 21-24 August 2022.

15.7.23 Dalirnaghadeh, D., Yilmazer, S., "The effect of loudness on spatial knowledge acquisition in the virtual outpatient polyclinic ", 51st Inter-noise Congress, Glasgow, Scotland, 21-24 August 2022.

15.7.24 Faslija, E., Yilmazer, S., and Yilmazer, C., "Sound absorption of a double layer microperforated panel with inhomogeneous perforations having cavities of different depths 51st Inter-noise Congress, Glasgow, Scotland, 21-24 August 2022.

15.7.25 Yilmazer, S, Davies, P., Yilmazer, C, On the development of virtual reality tools to aid in the design of interior soundscapes, Acoustic Society of America (ASA), 182nd Meeting, Denver, Colorado, USA, 22-27 May 2022.

15.7.26 Yilmazer, S., Acun V., Dalirnaghadeh, D., Faslija, E., Şahin Z., Mercan, E., Categorizing Auditory Objects of Perceived Sounds in the Built Environment, Acoustic Society of America (ASA), 182nd Meeting, Denver, Colorado, USA, 22-27 May 2022.

15.7.27 Yilmazer, S. and Uğurlu, Z., A Qualitative Approach to Explore Auditory and Visual Perception in a Hospital Environment, Acoustic Society of America (ASA), 182nd Meeting, Denver, Colorado, USA, 22-27 May 2022.

15.7.28 Faslija, E., Yilmazer, S., and Yilmazer, C., Modelling parallel arranged transparent Micro-Perforated Panels to enhance low-mid frequency sound absorption", Acoustic Society of America (ASA), 182nd Meeting, Denver, Colorado, USA, 22-27 May 2022.

15.7.29 Faslija, E., and Yilmazer, S., Feasibility of inhomogeneous MPPs in multipurpose halls: The case study of Bilkent Concert Hall in Ankara, Euroregio / BNAM2022 Joint Acoustic Conference, Aalborg, Denmark, 9-11 May 2022.

15.7.30 Faslija, E., and Yilmazer, S. and Yilmazer, C. "A Theoretical Approach on Designing Wideband Acoustic Absorbers," EURONOISE 2021, Madeira, Portugal, 25-27 October 2021.

15.7.31 Erdoğu, H.İ. And Yilmazer, S. "Understanding the Effects of Geometric Forms on Indoor Soundscape Assessment: A Case Study on CSO Concert Halls in Ankara," Turkey ,50th Inter-noise Congress, Washington, DC, USA, 1-5 August 2021.

15.7.32 Orhan, C. and Yilmazer, S. "Understanding the Effects of Restorative Potential of Turkish Music Tonalities in Indoor Spaces through a Propose Conceptual Model," 50th Inter-noise Congress, Washington, DC, USA, 1-5 August 2021.

15.7.33 Ugurlu, Z. and Yilmazer, S."Exploring the Audio-Visual Interaction in a Dental Clinic Through the Emotional State",50th INTER-NOISE, Washington, DC, USA, 1-5 August 2021.

15.7.34 Yilmazer, S. and Şahin, S. "A comparative study on soundscapes in real (RE) and virtual (VE) open office environments", 49th Inter-noise Congress, Seul, South Korea, 23-26 August 2020.

15.7.35 Yilmazer, S and D. Dalirnaghadeh, "The effect of soundscape on memory performance in a wayfinding task in a virtual outpatient polyclinic", 49th Inter-noise Congress, Seul, South Korea, 23-26 August 2020.

15.7.36 Yilmazer, S. and Orhan, C., "Auditory Environment in the Museums: The Case Study of Erimtan Archaeology and Arts Museum" 48th Inter-noise Congress, Madrid, Spain, 16-19 June 2019.

15.7.37 Yilmazer, S., Acun, V., and Yilmazer, C., "A Comparative Study on Prediction of the Indoor Soundscape in Museums via Machine Learning" 48th Inter-noise Congress, Madrid, Spain, 16-19 June 2019.

15.7.38 Yilmazer, S. "The Chemical Synthesis and Process Optimization of Porous Thermal Insulation Board Made of Clay Based Expanded Perlite (EPcB)", 4th International Porous Powder Materials Symposium and Exhibition (PPM), Izmir Institute of Technology, Marmaris, Turkey, 9-11 October 2019.

15.7.39 Mercer-Ballard, J. and Yilmazer, S., "How Technology Enables a Global Cross-cultural Design Studio", T4T Campus Fair, Appalachian State University, North Carolina, USA, 20 March 2019.

15.7.40 Acun, V., Yilmazer, S. and Orhan, C. "Indoor Soundscape of Historical Spaces: The Case of Çengelhan Caravanserai", EURONOISE 2018, 11th European Congress and Exposition on Noise Control Engineering, Hersonissos, Crete, Greece, 27-31 May 2018.

15.7.41 Kürkü, E., Yilmazer, S. and Ural, SE. "The Effects of Color Temperature on Performance of Users: A Color Differentiation Model", Munsell 2018, ISCCI/AIC Munsell Centennial Symposium, Boston, MA, USA, 11-15 June 2018.

15.7.42 Yilmazer, S. and Acun, V. "A Qualitative Approach to Investigate Indoor Soundscape of the Built Environment", 47th Inter-noise Congress, Chicago, Illinois, USA, 26-29 August 2018.

15.7.43 Yilmazer, S., Kürkü, E. and Ural, SE. "Investigating Color Task Performance for Occupants' Comfort in Office Environment", AIC 2018, Lisboa, Portugal, 25-26 September 2018.

15.7.44 Yilmazer, S. and Gümüşay, B. "A Comparative Study on Consumers' Comfort and Behavior in Real Furniture Store", AIC 2018, Lisboa, Portugal, 25-26 September 2018.

15.7.45 Yilmazer, S., and Acun, V. "A structural equation modeling approach for indoor soundscape: Adaptive re-use in Çengelhan Caravanserai", Prag, 2018. Acun, V. and Yilmazer, S., "An Indoor Soundscape Survey on the User's Coping Methods for Noise Annoyance, Disturbance and Loss of Concentration in Public Study Areas, AESOP Annual Congress 2017- Spaces of Dialogue for Places of Dignity: Fostering the European Dimension of Planning, Lisbon, Portugal, 11-14 July 2017.

15.7.46 Yilmazer, S. and Acun, V. "Çalışma Alanlarında İç Mekan İşitsel Peysajı Üzerine Bir Çalışma (An Indoor Soundscape Survey on Public Study Areas)", 12. Ulusal Akustik Kongresi ve Sergisi, İzmir Yüksek Teknoloji Enstitüsü, Urla, İzmir, 14-15 Eylül 2017.

15.7.47 Yilmazer, S. and Acun, V. "Identification of Individuals' Emotional Response to the Indoor Soundscape in Public Study Areas via Semantic Differentiation," in the Proceedings of 46th Inter-Noise Congress, Hong Kong, 27-30 August 2017.

15.7.48 Yilmazer, S. and Baytekin, B. "The Mixture Ratio Optimization of Expanded Perlite-Clay Based (EPcB) Board for Thermal Resistance Performance", International Porous Powder Materials Symposium and Exhibition (PPM), Izmir Institute of Technology, Kuşadası, Izmir, Turkey, 12-15 September 2017.

15.7.49 Çankaya, S. and Yilmazer, S. "A Comparative Study on Soundscape in High School Environment", in the Proceedings of 45th Inter-Noise Congress, Hamburg, Germany 21-24 August 2016.

15.7.50 Acun, V., Yilmazer, S., and Taherzadeh, P., "Perceived Auditory Environment in Historic Religious Spaces of Anatolian Culture; A Case Study on Haci Bayram Mosque, Ankara, Turkey", in the Proceedings of 23rd International Congress on Sound and Vibration (ICSV23), Athens, Greece, 10-14 July 2016.

15.7.51 Acun, V. and Yilmazer, S. "Investigating the Effect of Indoor Soundscaping Towards Employees' Perception in Open Offices" in the Proceedings of ASA 2015, 2-4 December 2015, Melbourne, Australia.

15.7.52 Acun, V. and Yilmazer, S. "Investigating the Effect of Indoor Soundscaping Towards Employees' Speech Privacy" Euronoise 2015, 31 May-3 June 2015, Maastricht, Netherland.

15.7.53 Sinal, Ö. and Yilmazer, S. "A Comparative Study on Indoor Sound Quality of the Practice Rooms upon Classical Singing Trainees' Preference" EURONOISE 2015, 31 May-3 June 2015, Maastricht, Netherland.

15.7.54 Bora, Zeynep and Yilmazer, S. "Comparison Study of the Soundscape of Open-Semi Open-Enclosed Spaces- Akköprü Metro Station", 10. Ulusal Akustik Kongresi, Türk Akustik Derneği, İstanbul, Nisan 2013.

15.7.55 Öztürk, E. and Yilmazer, S. "Kromatik-Akromatik ve Sıcak-Soğuk Renk Şeması Karşılaştırmalı Bir Çalışma," [A comparison study on chromatic-achromatic and warm-cold color scheme, 9th National Lighting Congress], 167-174, İstanbul, Turkey, 19-20 April 2013.

15.7.56 Gezginer, P.M and Yilmazer, S. "Çoklu Boş Zaman Etkinliği Yapılan Mekanlarda Konuşmanın Anlaşılabilirliğinin Karşılaştırmalı İrdelenmesi, 9. Ulusal Akustik Kongresi, [A Comparative Analyzing of the Speech Intelligibility in Leisure Spaces", 9th National Acoustic Congress], 352-358, 26-27 May Ankara, Turkey, 2011.

15.7.57 Yilmazer, S. and Ural, SE., "Farklı Aydınlatma Koşullarında Renk Yoğunlığının İç Mekanda Ferahlık Algısı Üzerine Etkisi, 8. Aydınlatma Kongresi, [The Effects of the Chroma on the Perception of the Spaciousness Under Different Lighting Condition", 8th National Lighting Congress], 123-127, İstanbul, Turkey, 14-17 April 2011.

15.7.58 Ural, SE., Yilmazer, S., and Akbay, S., "A Comparative Study on Color Decision Techniques: Abstract versus Full Scale Set-up", AIC Conference- Interaction of Colour and Light in the Arts and Sciences, Cd, Zurich, Switzerland 7-10 June 2011.

15.7.59 Ozturk, E. and Yilmazer, S. "An Experimental Study on Task Performance in Workplace Applied with Achromatic and Chromatic Color Scheme", International Conference- Colour and Light in Architecture, Venice, Italy, 11-12 November 2010.

15.7.60 Yilmazer, S. and P.M. Gezginer, "An Experimental Study on Speech Interference in Public Leisure Spaces" in the proceedings of the 39 th Internoise Congress, in07_176, Lisbon, Portugal, 13-16 June 2010.

15.7.61 Yilmazer, S., S. Ural and E. Öztürk., "Ofis Ortamında Verimli Aydınlatmanın ve Yüzey Renk Kombinasyonlarının Kullanıcı Farkındalığı ve Memnuniyeti Açısından Değerlendirilmesi", Yapı Fiziği ve Sürdürülebilir Tasarım Kongresi, [Evaluation of the Awareness and Satisfaction of the Users' for Combinations of the Colored Surface and Lighting Efficiency in Office Environment , Building Physics and Sustainable Design Congress], 425-430, İstanbul, Turkey, 4-5 March 2010.

15.7.62 Yilmazer, S. and P. Gezginer, "Boş Zaman Etkinlikleri Yapılan Kamusal Mekan Kullanımına Bağlı Gürültü Algısı: Bilkent Roll-house Örneğinde", Yapı Fiziği ve Sürdürülebilir Tasarım Kongresi, [Noise Perception of the Users' Related to the Function of the Enclosed Public Leisure Space" Building Physics and Sustainable Design Congress], İstanbul, Turkey, s. 451-454, 4-5 March 2010.

15.7.63 Yilmazer, S., and SE. Ural, "A Discussion on Spatial Color Design with the Emphasis of Technical Specifications: Energy Efficiency and Visual Quality", in the proceedings of the Lux Europe 2009 – International Congress, 59-66, İstanbul, Turkey, 9-11 September 2009.

15.7.64 Dökmeci, P.N., Yilmazer, S., Çalışkan, M., Erkip, F., "Acoustical comfort evaluation in public spaces with a central atrium," 37th Inter-noise Congress Proceedings: in08_0572, pp. 64, Beijing, China, August 2008.

15.7.65 Dökmeci, P., Yilmazer, S., Çalışkan, M. and Erkip, F. Galeri Boşluklu (Atrium) Binaların Toplu Kullanım Mekanlarında Akustik Konfor Değerlendirilmesi: Cepa Alışveriş Merkezi-Ankara Örneği, (invited paper), 8. Ulusal Akustik Kongresi, Türk Akustik Derneği, [Acoustical Comfort Evaluation in Public Spaces with a Central Atrium- A case Study in Cepa Shopping Mall, 8th National Acoustic Congress, Turkish Acoustic Society] Antalya, 27-28 November 2008.

15.7.66 Dökmeci, P. and, Yilmazer, S., "Environmental Noise Management Guidelines for a Better City" in the proceedings of the Livenarch IV – International Congress, 901-907, Trabzon, Turkey, 9-11 July 2009.

15.7.67 Yilmazer, S., and Ural, SE., "A Discussion on Spatial Color Design with the Emphasis of Technical Specifications: Energy Efficiency and Visual Quality", in the proceedings of the Lux Europe 2009 – International Congress, 59-66, İstanbul, Turkey, 9-11 September 2009.

15.7.68 Yilmazer, S., Ural, S., and Küçük, A., "İç Mimarlıkta Bir Eğitim Modeli Çalışması, İç Mimarlık Eğitimi, 1. Ulusal Kongre, [An Education Design Model Study for Interior Architecture, Interior Design Education, 1st National Congress], İstanbul Technical University, 32-39, İstanbul, Turkey, 25 – 26 October 2007.

15.7.69 Kitapci, K., Yilmazer, S., and Erkip, F., "Effect of Speech Intelligibility on Visual Short-term Memory Performance", Inter-noise 2007, Turkish Acoustical Society, 28-31 August, İstanbul, Turkey. <http://www.internoise2007.org> (retrieved 21 February 2008).

15.7.70 Yilmazer, S., "A Comparison Study on Sound Defects of Bilkent Amphitheatre in Terms of Intelligibility of the Speech", Inter-noise 2007, Turkish Acoustical Society, 28-31 August, İstanbul, Turkey. <http://www.internoise2007.org> (retrieved 21 February 2008).

15.7.71 Carkaci, N. And Yilmazer,S., "Forming the Enclosure or Mass", Livenarch III, 3rd International Congress, Karadeniz Technical University, pp. 763-767, Trabzon, Turkey, 5-7 July 2007.

15.7.72 Ural, S.E., Olguntürk, N., and Yilmazer, S., "2 Boyutlu Renk Grafikleri, 3 Boyutlu Mekansal Renk ve Aydınlatma Alternatifleri Üzerinden Niteliksel ve Niceliksel Degerlendirmeler", 6. Ulusal Aydınlatma Kongresi, [Qualitative and Quantitative Evaluation on the 2D and 3D Color Organizations and Lighting Combinations", 6th National Lighting Congress], 32-39, İstanbul, Turkey, 23-24 November 2006.

15.7.73 Kural, N., Özaloğlu, S., Ural, S., Tanrıöver, S. and Yilmazer, S., "Mediterranean: Space- 5 Senses- Memory.", International Gazimagusa Symposium 2004, Eastern Mediterranean University, pp. 334- 340, Gazimagusa, North Cyprus, April 2004.

15.7.74 Yilmazer, S., and Yilmazer, C., "Sound Absorption Coefficient Changes of Acoustical Plates Made of Expanded Perlite in Moist Environment", *Acoustics 2003*, Wessex Institute of Technology, UK, pp. 201-210, Cadiz, Spain, June 2003.

15.7.75 Yilmazer, S and Yener, C., "Aydınlatma Eğitimi Üzerine", 3. Ulusal Aydınlatma Kongresi, Ulusal Aydınlatma Derneği, [On Lighting Education, 3rd International Lighting Congress, Turkish National Committee on Illumination], pp. 168-171, İstanbul, Turkey, October 2000.

15.7.76 Ozen, H., Kuloğlu, N., and Yilmazer, S., Universality of Architectural Education, X. International Building & Life'98 Congress, , Chamber of Architects, Bursa Section, Congress Booklet, pp. 51-57, Bursa, Turkey, 22-23 May 1998.

15.7.77 Ozen, H., Kuloğlu, N., and Yilmazer,S., A New Way of Architecture Education as the Need of the Next Millennium, Forum II : Architectural Education for the 3rd Millenium, Eastern Mediterranean University & İstanbul Technical University, pp. 561-567, North Cyprus, April 1998.

15.7.78 Abdürlahimov, R., and Yilmazer, S., "Mimarlıkta Akustik Eğitimi", 3. Ulusal Akustik Kongresi", [Education of Architectural Acoustics Design, 3rd International Acoustic Congress], pp. 22-28, İstanbul, Turkey, October 1997.

15.7.79 Türkmen, Ç., Yilmazer, S., and Özdeniz M. B., "Trabzon Havaalanı Gürültüsünün Yerleşimler Üzerindeki Etkisi", 3. Ulusal Akustik Kongresi, [Effects of Trabzon's Airport Noise on Neighboring Settlements, 3rd International Acoustic Congress], pp. 193-199, İstanbul, Turkey, October 1997.

15.7.80 Özdeniz, M.B., Pehlevan, A., Yaşar, Y., Yilmazer, S., and Kars, F., "Yeni Briket, [A New Briquette], Yalıtım' 97, Fırat University, pp. 57-66, Elazığ, Turkey, May 1997.

15.7.81 Özdeniz, M.B., Pehlevan, A., Yaşar, Y., Yilmazer, S., and Kars, F., "Yeni Briket", [A New Briquette], IX. Mühendislik Sempozyumu, 13-19, İsparta, Turkey, 1996.

15.7.82 Yilmazer S., and Yilmazer, C., "Ses Yutma Katsayısı Ölçümü İçin Bilgisayar Kontrollü Çift Mikrofonlu Akustik Empedans Tüpü", 2. Ulusal Akustik Kongresi"_[Two-Microphone Impedance Tube Controlled Computer for Measuring Sound Absorption Coefficient, 2nd International Acoustic Congress], pp. 22-27, Antalya, Turkey, October 1996.

15.7.83 Yilmazer, S., Behaviour of Acoustical Plates Made of Expanded Perlite in Moist Environments, *Inter.Noise 96*, 25th Anniversary Congress, Institute of Acoustics, Book 2, pp. 939 – 942, Liverpool, UK, August 1996.

15.7.84 Özdeniz, M.B., Pehlevan, A., Yaşar, Y., Yilmazer, S., Yilmazer, C., Yılmaz, M., Kars, F., and Kan, Ü., Hygrothermal Behaviour of a New Briquette Design, IV. International Building & Life'93 Congress, Chamber of Architects, Bursa Section, pp. 173-187, Bursa, Turkey, May 1993.

15.7.85 Özdeniz, M.B., Pehlevan, A., Yaşar, Y., Yilmazer, S., Yilmazer, C., Yılmaz, M., Kars, F., and Kan Ü., "Türkiye Briketlerinin İslil ve Nemsel Davranışları", Enerji Tasarrufu Semineri Bildirileri", [Hygrothermal Behaviour of Briquette in Turkey, Proceedings of Energy Conservation Seminar, Ministry of Energy and Natural Resources / TUYAP], pp. 205-214, İstanbul, Turkey, January 1993.

15.7.86 Yilmazer, S., and Velioğlu, A., „Eski ve Yeni Yapılarda Konfor Düzeyinin Isı ve Aydınlatma Açılarından İrdelenmesi", Enerji Tasarrufu Semineri Bildirileri, [Comparing of Heat and Lighting Comfort Level in Old and New Buildings, Proceedings of Energy Conservation Seminar, Ministry of Energy and Natural Resources / TUYAP], pp.157-166, İstanbul, Turkey, January 1993.

15.7.87 Yilmazer, S., Özdeniz, M.B., "Perlitli Isı Yalıtım Elmanlarının Yoğuşma Denetimi", Enerji Tasarrufu Semineri Bildirileri, [Condensation Control of Heat Insulation Elements Made of Perlite, Proceedings of 8th Energy Conservation Seminar, Ministry of Energy and Natural Resources / TUYAP], pp. 45-55, İstanbul, Turkey, January 1990.

15.7.88 Yilmazer, S., and Ozdeniz, M. B., Hygrothermal Behaviour and Condensation Control of Building Elements Made of Perlite, Proceedings of International Symposium on Energy, Moisture, and Climate in Buildings, CIB, Volume 2, pp. I 23-128, Rotterdam, September 1990.

16 TOTAL NUMBER OF CITATIONS TO PUBLICATIONS INTO PUBLICATIONS 14 and 15

Citations by others: 946, h-index: 15

17 CURRENT RESEARCH INTEREST(S)

- 17.1** Architectural Acoustics
- 17.2** Auditory Perception
- 17.3** Psychoacoustics
- 17.4** Sound Quality Metrics
- 17.5** Artificial Intelligence_ ML, DL, NN
- 17.6** Augmented Reality
- 17.7** Signal Processing
- 17.8** Indoor Soundscape
- 17.9** Building Materials and Construction

18 GRANTS

- 18.1** Research Project Grant, 2021-2022, TÜBİTAK 2219 Program
- 18.2** Research Grant (KAF), 2011-present, Bilkent University
- 18.3** Grant for International Congress, TÜBİTAK 2214 Program, 2010
- Scientific and Technical Research Council of Turkey (TÜBİTAK)
- 18.4** Grant for Scientific Paper, 2005, TÜBİTAK
- 18.5** Faculty Research Development Grant, 2003-2004, Bilkent University
- 18.6** Faculty Research Development Grant, 2002-2003, Bilkent University
- 18.7** Research Fund, 1996-1998, Karadeniz Technical University
- 18.8** Research Project Grant, 1995-1998, TÜBİTAK
- 18.9** Research Project Grant, 1991-1994, TÜBİTAK
- 18.10** Research Project Grant, 1991-1994, State Planning Organization of Turkey (DPT)
- 18.11** Research Fund, 1988-1990, Karadeniz Technical University

19 EDUCATIONAL DEVELOPMENT ACTIVITIES

19.1 Expert Certification Programme

- 19.1.1 D1_Akustik Uzmanı, TMMOB, Mimarlar Odası, 2018., Ankara.
- 19.1.2 Enerji Kimlik Belgesi (EKB) Uzman Eğitimi [Energy Identification Certificate], TMMOB, Makina Mühendisliği Odası, 6-8 Nisan 2012, Ankara.

19.2 Research Projects' Events

- 19.2.1 Fraunhofer German-Turkish Days Kick-off Conference, September 2014, İstanbul.
- 19.2.2 Horizon 2020 National Launch Event-Turkey, Turkey and Europe: Stronger Together Through Research and Innovation, June 2014, İstanbul.

19.3 Research Projects' Info Days

- 19.3.1 Organized by Bilkent University-Bilkent TTO-
- 19.3.1.1 Bilkent TTO Info Session by Ebru Başak Aköz, November 2016, Ankara.
- 19.3.1.2 European Cooperation in Science and Technology (COST) Info Day by Ayşe Sayın Üke-Tübitak, May 2015, Ankara.
- 19.3.1.3 EU HORIZON 2020 Maria Curie Programme Info Day by Bilkent University and TÜBİTAK, May 2015, Ankara.
- 19.3.1.4 2015 UK-Turkey Year of Science and Innovation Newton-Katip Çelebi Fund Info Day by Bilkent TTO, British Council, Tübitak, April 2015, Ankara.
- 19.3.1.5 TÜBİTAK 1602 Patent Support Programme Info Day by Hamit Taş, TÜBİTAK, July 2014, Ankara.
- 19.3.1.6 Patent Application Presentation by M. Kaan Dericioğlu, Ankara Patent Ofisi, April 2014, Ankara.
- 19.3.1.7 EU H2020 NMP Focus Group Meeting by Tübitak and Bilkent TTO, March 2014, Ankara.
- 19.3.1.8 Bilkent TTO Info Session by Kuzeyhan Özdemir and Ebru Başak Aköz, March 2014, Ankara.
- 19.3.1.9 EU Horizon 2020 ERC Info Day by Aslı Vural ERC NCP, Tübitak and Prof. Dr. Cevdet Aykanat Bilkent University, Bilkent TTO, February 2014, Ankara.
- 19.3.1.10 ERC Work Programme Info Day by Ebru Başak Aköz, Bilkent TTO, February 2013. Ankara.

19.3.2 Organized by Bilkent CYBERPARK

- 19.3.2.1 Patent Info Day organized by Cyberpark, Bilkent: Uğur G. Yalçıner, July 2014, Ankara.

- 19.3.2.2 EU H2020 Industrial Research Project Info Day organized by Cyberpark, Aycan Kaya (Tübitak- EUREKA National Coordination Office), November 2013, Ankara.
- 19.3.2.3 TÜBİTAK Teydep 1512 Bireysel Teknogirişim Desteği Bilgi Günü, Cyberpark, Emin Okutan, Eylül 2012, Ankara.
- 19.3.2.4 EU H2020: Shaping European's Future Info Day organized by Cyberpark, Pınar Çetin and Ebru Başak Aköz (Tübitak EU 7. Frame Programme National Coordination Office), September 2013, Ankara.
- 19.3.2.5 EU H2020 Legal and Financial Rules organized by Cyberpark, December 2013, Ankara.
- 19.3.2.6 TÜBİTAK Teydep Info Day organized by Cyberpark, Pınar Aker (Tübitak Scientific Programme Expert), June 2012, Ankara.

19.4 Workshops organized by Bilkent University

19.4.1 September 2011 MOODLE Workshop by Can Kültür, Educational Technology Support (SETS)

19.4.2 January 2010 Workshop by Gordon Suddaby

19.4.3 June 2010 Workshop by Dr. Christopher Knapper, Prof. Emeritus at Queen's University, Kingston, Canada

October 2025