

Adı Soyadı / Name Surname: Prof. Dr. Aslıhan ÜNLÜ

Eğitim / Education

Doktora / *PhD*:

İstanbul Teknik Üniversitesi, Mimarlık Fakültesi, İstanbul, 1986 Diploma No.832-14981

Yüksek Lisans / *Master's Degree*:

İTÜ Fen Bilimleri Enstitüsü, Mimarlık Anabilim Dalı, Yapı Bilgisi Programı, 1988

Lisans / *Bachelor's Degree*:

İstanbul Teknik Üniversitesi, Mimarlık Fakültesi, İstanbul, 1986

Akademik Görevler / Academic Titles

Dekan, Özyeğin Üniversitesi, Mimarlık ve Tasarım Fakültesi, 08.06.2022– Devam ediyor

Dekan Vekili. Özyeğin Üniversitesi, Mimarlık ve Tasarım Fakültesi, 11.09.2020 – 07.06.2022

Prof. Dr. Özyeğin Üniversitesi, Mimarlık ve Tasarım Fakültesi, 03.02.2020 – devam ediyor

Prof. Dr. İTÜ Mimarlık Fakültesi, 17.10.2014.

Doç. Dr. İTÜ Mimarlık Fakültesi, 29.09.2009.

Doçent Dr. YÖK – Üniversitelerarası Kurul Başkanlığı, Mimarlık Temel Alanı: Teknoloji. 03.12.2007.

Y. Doç. Dr. İTÜ Mimarlık Fakültesi, 30.12. 1999.

Dr. Araş. Gör. İTÜ Mimarlık Fakültesi, 1995-1999.

Araş.Gör. İTÜ Mimarlık Fakültesi, 1987-1995

Yayınlar / Publications

Uluslararası Endeksli Dergide Makale / Articles Published in International Indexed Journals

- Altıntaş Kaptan, M. Unlu, A., (2026) Reconceptualising technological value in architectural heritage, Built Heritage, DOI : 10.1186/s43238-026-00274-8. (In Press/Scopus Q1)
- Çeliker, Cenger, Y., Unlu, A. (2024) "Material !Ndeed" Workshop Series As A Hyper-Focus Niche At The Intersection of Material Selection And Architectural Design Tools, Journal of Design Studio, V6, No.2, doi.org/10.46474/jds.1527360 (e-ISSN: 2687-2838).
- Altintas Kaptan, M., Ünlü, A., & Pottgiesser, U. (2023). Connecting the Dots: A global exploration of local Docomomo Inventories. Docomomo Journal, (69), 76–85. <https://doi.org/10.52200/docomomo.69.09>
- Altintas Kaptan, M., Edis, E. & Unlu, A. (2023). Assessment of Synchronous Online Architecture Education From Students' Perspective. Turkish Online Journal of Distance Education, 24(4),50-76, Doi:10.17718/tojde.1213077 (<https://dergipark.org.tr/tr/pub/tojde/issue/80110/1213077>).
- Koyaz, M., Unlu, A. (2022) Potentials of Human Centered Adaptive Façade Design. *Journal of Façade Design and Engineering – JFDE* (Accepted to be published in 2022).
- İter, E., Çelik, O.C., Ünlü, A. (2020) Multi-criteria performance evaluation of a glass panel system using full-scale experimental data, *Architectural Science Review*, 63:6, 507-525. Doi:10.1080/00038628.2020.1774861. (Özyeğin Üniversitesi adresli) (Index: Arts and Humanities Citation Index, Architectural Publications Index, Engineering Index, ICONDA-International Construction Database.)
- Biler, A.; Unlu Tavil, A.; Su, Y.; Khan, N. A. (2018) Review of Performance Specifications and Studies of Trickle Vents. *Buildings*, 8(11), 152. Doi:10.3390/buildings8110152. (Index: DOAJ, Scopus, Imerging sources citation index, Web of Science)
- Yalaz, E.T., Ünlü Tavil A., Celik, O.C. (2018) Lifetime performance evaluation of stick and panel systems by full-scale testing. *Construction and Building Materials*, V170, p.254-271. DOI:10.1016/j.conbuildmat.2018.03.061 (Index: Science Citation Index Expanded, Materials Science Citation Index, Engineering Index, Compendex, Scopus).
- Tavil, A., Celik, O. C. (2017) Interdisciplinary Perspectives for Future Building Envelopes. *Editorial of the Special Issue Journal of Façade Design and Engineering – JFDE*. DOI: 10.7480/jfde.2017.2 (Index: Directory of Open Access Journals-DOAJ)
- İter, E., Tavil, A., Çelik, O.C. (2015) Full-scale performance testing and evaluation of unitized curtain walls. *Journal of Façade Design and Engineering*, V3, p.39–47. DOI 10.3233/FDE-150028. (Index: Directory of Open Access Journals - DOAJ)
- Metin, B. and Tavil, A. (2014). Environmental assessment of external wall cladding construction. *Architectural Science Review, Taylor and Francis*, 4(57), p. 215-226. DOI: 10.1080/00038628.2013.862610. (Index: Arts and Humanities Citation Index, Architectural Publications Index, Engineering Index, ICONDA-International Construction Database.)
- Metin, B. and Tavil, A. (2012). A database model for environmental impact assessment of external wall construction techniques. *American Transactions on Engineering & Applied Sciences*, 1(4), 351-363. ISSN: 2229-1660, eISSN 2229-1660. (Index: Directory of Research Journals).
- Çetiner, İ, Tavil, A., Yaman, H. & Coşkun, K. (2012). High Performance Window Selection Model. *A/Z ITU Journal of the Faculty of Architecture*, 9(1), 165-174. (Index: ICONDA-International Construction Database, DAAI - Design and Applied Art Index, AVERY Index to Architectural Periodicals, DOAJ-Directory of Open Access Journals, GENAMICS Journal Seek)

- Lee, E.S. & Tavit, A. (2007). Energy and Visual Comfort Performance of Electrochromic Windows with Overhangs. *Building and Environment*, 42(6), 2439-2449. DOI: 10.1016/j.buildenv.2006.04.016. (Index: SI-Science Citation Index, API - Architectural Periodicals index, EI - Engineering Index).
- Tavit, A. & Lee, E.S. (2006). Effects of Overhangs on the Performance of Electrochromic Windows. *Architectural Science Review*, 49(4), 349-356. DOI: 10.3763/asre.2006.4945. (Index: Arts and Humanities Citation Index, Architectural Publications Index, Engineering Index, ICONDA-International Construction Database).
- Tanaçan, L, Tavit, A, & Edis, E. (2006). Technological Innovations and Design, Dossier Editorial, *A/Z ITU Journal of Faculty of Architecture*, 3(1-2), 1-4. (Index: ICONDA-International Construction Database, AVERY Index to Architectural Periodicals, DAAI-Design and Applied Art Index).
- Tavit, A. (2004). Thermal Behavior of Masonry Walls in Istanbul. *Construction and Building Materials*, 18(2), 111-118. DOI:10.1016/J.CONBUILDMAT.2003.08.014. (Index: Science Citation Index- SCI, Compendex and Engineering Index).
- Şeker, D.Z. & Tavit, A. (1996). Evaluation of Exterior Building Surface Roughness Degrees by Photogrammetric Methods. *Building and Environment*, 31(4), 393-398. DOI:10.1016/0360-1323(95)00051-8 (Index: Science Citation Index- SCI, Architectural Periodicals Index - API, Engineering Index – EI)

Uluslararası Toplantılarda Sunulmuş ve Yayınlanmış Bildiri / Refereed Congress / Symposium Publications in International Proceedings

- Akhgar, B, Aslihan Unlu, A, Ugurlu, B. (2025) Wind vibrations to wattage: The potential of piezoelectric facades in energy-conscious building, Proceedings of 4 th International Civil Engineering & Architecture Conference 17-19 May 2025, Trabzon, Türkiye, pp.249-257
- Altıntaş Kaptan, M. Unlu, A., (2024) Narrating the Layers of History: Exploring Temporal Changes and Practical Realities in School Building Renovations, 18th Docomomo International Conference, Santiago Chile.
- Altintas Kaptan, M., Edis, E., Unlu, A. (2020) Challenges in Synchronous e-Learning in Architectural Education, Universal Design Education Practice Conference 2020, Istanbul Technical University
- Erdogan, S., K., & Unlu Tavit A. (2019) Technological Value Concept for Modernist Residences in Turkey, 100 Years Bauhaus-What interest do we take in Modern Movement today? 16th Docomomo Germany, 3rd RMB Conference Proceedings, pp.249-263. (Edited by M. Melenhorst, U. Pottgiesser, T. Kellner, F. Jaschke)
- İter, E., Tavit (Ünlü), A., Çelik, O.C. (2017) Multi-criteria Performance Assessment of a Glass Panel System, Interdisciplinary Perspectives for Future Building Envelopes, Proceedings of International Conference on Building Envelope Systems and Technologies-ICBEST Istanbul 2017, Edited by Asihan Unlu Tavit, Oguz C. Celik, pp. 104-116, Istanbul, Turkey.
- Yalaz, T., Tavit (Ünlü), A., Celik, O.C. (2017) Lifetime Performance Evaluation of a Stick Curtain Wall System by Full-scale Testing, Interdisciplinary Perspectives for Future Building Envelopes, Proceedings of International Conference on Building Envelope Systems and Technologies-ICBEST Istanbul 2017, Edited by Asihan Unlu Tavit, Oguz C. Celik, pp.270-282, Istanbul, Turkey.
- Yalaz, T., Tavit (Ünlü), A., Celik, O.C. (2016) Curtain Wall Deficiency and Failures, Proceedings of Façade Technics Conference, Vol 1, pp. 330-338, Los Angeles, USA.
- Metin, B., Tavit (Ünlü), A. (2016) Environmental Performance Assessment of the Building Construction Process During Architectural Detailing, Eco Architecture 2016, International Conference on Harmonization between Architecture and Nature, Wessex Institute 13-15 July 2016, Alicante Spain.
- İter, E., Tavit (Ünlü), A., Çelik, O.C. (2015) Full Scale Performance Testing and Evaluation of Unitized Façade Systems. VII. International Congress of Architectural Envelopes – ICAE 2015, Edited by Julen Astudillo et.al. pp. 159-167, 27-29 May 2015, Donastia, San Sebastian, Spain.
- Metin, B. & Tavit (Ünlü), A. (2014). Environmental Cladding Construction: A case study of residential buildings, Proceedings of Environment and Design 2014 Congress, Bahçeşehir University, İstanbul.
- Metin, B. & Tavit (Ünlü), A. (2014). The relationship between construction technologies and environmental impacts, Proceedings of 40th IAHS World Congress on Housing – Sustainable Housing Construction, Funchal, Portugal.
- Tavit Ünlü),A. & Akpınar, İ. (2006). The influences of erasmus actions on the architectural education: an overview. In the Proceedings of the Architectural Education Forum 3, Global Architectural Education Area (p.CD-ROM), O. Hacıhasanoğlu (Ed), Istanbul: Istanbul Technical University, Taskisla.
- Tavit (Ünlü), A., Yaman, H. & Çetiner, İ. (2006). Performance based window selection model for residential buildings, In the Proceedings of the 23rd International Conference on Passive and Low Energy Architecture. R. Compagnon, P. Haefeli and W. Weber (Eds.), 2, 237-243, Geneva, Switzerland.
- Göçer, Ö., Tavit (Ünlü), A. & Özkan, E. (2006). Simulation model for energy performance and user comfort evaluation of atrium buildings. In the Proceedings SimBuild 2006-Building Sustainability and Performance Through Simulation. L. Norford, T. McDowell & J. Haberl (Eds), 17-24, Cambridge, MA: Massachusetts Institute of Technology (<http://ceae.colorado.edu/ibpsa/ocs>).
- Göçer, Ö., Tavit (Ünlü), A. & Özkan, E. (2006). Thermal performance simulation of an atrium building. In the Proceedings of Esim2006-IBPSA-Canada's 4th Bi-Annual Building Performance Simulation Conference and

Simulation Software Workshops (p.CD-ROM). T.Kesik & A. Fung (Eds.), Ryerson University & University of Toronto. (Published also in Building Energy Simulation User News (2006), 27(11), 10.)

- Tavil, A. (2005). Window system design and selection for energy conservation in Turkey. In the Proceedings of Action for Sustainability SB05 (p.CD-ROM), 265-272. Tokyo, Japonya.
- Tavil, A. & Lee, E. S. (2005). The impact of overhang design on the performance of the electrochromic windows. In the Proceedings of the International Solar Energy Society (ISES) Solar World Congress. D.Y. Goswami, S.Vijayaraghaven & R.Campbell-Howe (Eds.), Orlando, Florida. (Lawrence Berkeley National Laboratory Report LBNL-57020).
- Tavil, A. & Altun, C. (2004). Energy efficient window system design for a renewal of a historical building. In the Proceedings of Regional Central and Eastern Conference on Sustainable Building - SB04 (p.CD-ROM). Warsaw, Poland.
- Altun, C., Tavil, A., Şahal, N. & Özkan, E. (2001). Hygrothermal performance criteria for energy efficient retrofitting of walls in residential buildings, In the Proceedings of CIB World Building Congress (p.CD-ROM). Wellington, New Zealand.
- Tavil, A., Şahal, N. & Altun, C. (2000). The sensitivity of the heating energy consumption due to retrofitting applications of the exterior envelope. In the Proceedings of CIB Symposium on Construction and Environment, Theory into Practice (CD-ROM). Sao Paulo, Brazil.
- Şahal, N., Tavil, A., Altun, C. & Özkan, E. (2000). Economical efficiency of energy efficient retrofitting systems for the external envelopes of the existing buildings in Istanbul. In the Proceedings of International Conference Sustainable Buildings, 396-399, C. Boonstra, R. Rovers and S. Pauwels (Eds.), Maastricht.
- Tavil, A., Altun, C. & Kuş, H. (2000). The impact of dwelling types on heating energy consumption in Istanbul. Proceedings of International Conference Sustainable Buildings, 460-463, C. Boonstra, R. Rovers and S. Pauwels (Eds.), Maastricht.
- Tanaçan, L. & Tavil, A. (1999). The application possibilities of perlite as a thermal insulation material in a residential building in Turkey. Proceedings of XXVII IAHS World Congress on Housing, V.2, 420-432, San Francisco.
- Tavil, A. (1999). Energy performance of curtain wall systems on high-tech office towers in Istanbul. Proceedings of Glass in Buildings, 215-221, S. Ledbetter and R. Harris (Eds.), Center for Window and Cladding Technology (CWCT), University of Bath, UK.
- Tavil, A. & Özkan, E. (1998). The effects of fenestration characteristics on the thermal performance of retrofitted residential buildings in Istanbul. Proceedings of CIB World Building Congress, Construction and the Environment, 1123-1131, Sweden, Gavle.
- Tavil, A., Şahal, N. & Özkan, E. (1997). The simulations of the thermal performance of retrofitted existing residential buildings in Istanbul with Micro DOE-2.1E computer program. Proceedings of 5th International IBPSA Conference Building Simulation '97, J.D. Spitler and J.L.M. Hensen (Eds.), V.2, 363-371, Prague.
- Tavil, A. (1996). Effect of the surface roughness on the solar radiation absorptance of an opaque building element. Proceedings of International Symposium of CIB W67, Energy and Mass Flow In the Life Cycle of Buildings, E. Panshauser (Ed.), 513-519, Vienna.
- Yılmaz, Z., Aygün, M., Tavil, A. & Altun, C. (1995). The effect of façade panel dimensions on user's comfort. Proceedings of Building Physics Symposium, 269-274, A. Zöld (Ed.), Budapest.

Kitap Yazarlığı ve Editörlüğü ve Kitap İçinde Bölüm Yazarlığı / Author/Editor of Books & Book Chapters

- Altintas Kaptan, M., Edis, E., Unlu, A. (2020) Challenges in Synchronous e-Learning in Architectural Education, PUDCAD Universal Design Education Practice Conference 2020, Part of the Springer Series in Design and Innovation book series (SSDI, volume 13) pp.409-422. (Özyeğin Üniversitesi adresli) <https://doi.org/10.1007/978-3-030-65060-5> (Book Chapter)
- Tavil, A., Celik Oguz C. (Editors) (2017) Interdisciplinary Perspectives for Future Building Envelopes, Istanbul Technical University, Office Print, Istanbul (ISBN:978-975-561-479-3)

Diğer Yayınlar / Other Publications

- Yalaz, E. T., Tavil, A., Çelik, O. C. (2016). Giydirmeye cephe sistemlerinde karşılaşılan hasarların sınıflandırılması. Çatı ve Cephe Dergisi, 11(63),48-54 (ISSN 1306-5335).
- Tavil, A., Yaman, H., Çetiner, I & Coşkun, K. (2010). Türkiye’de farklı iklim bölgelerindeki konut birimleri için enerji ve maliyet etkin pencere seçim modeli – HiPerWin. itü dergisi, /a mimarlık, planlama, tasarım, 9 (1), 165-174.
- Göçer, Ö. & Tavil, A. (2008). Atriyum tipi binalarda enerji tüketimi ve kullanıcı konforuna yönelik performans değerlendirme modeli, itü dergisi/a mimarlık, planlama, tasarım, 7(1), 3-12.
- Tavil, A. & Akpınar, İ. (2006). Erasmus öğrenci değişim programı ve mimarlık eğitimi. Arredemento Mimarlık, Tasarım Kültürü Dergisi, 12, 70-73.
- Akpınar, İ. & Tavil, A. (2006). İTÜ Mimarlık Bölümü’nde Socrates-Erasmus programlarına genel bir bakış. Mimar-İst Mimarlık Kültürü Dergisi, TMMOB Mimarlar Odası İstanbul Büyükkent Şubesi, 6(19), 65-67.
- Tavil, A. (2005). Enerjiyi koruyan pencereler. İnşaat Dünyası, Aylık Yapı/Dekorasyon/İnşaat Malzemeleri ve Teknolojileri Dergisi, 72-76.

- Tavil, A. (2004). Elektrokromik pencere teknolojisi ve kontrol stratejileri. Yalıtım Dergisi, 51, 74-78.
- Tavil, A. (2000). Giydirmeye cepheli ofis binalarında farklı cam tiplerinin ısı performansına etkisi. İzolasyon Dünyası, Isı, Ses, Su ve Yangın İzolasyonu Dergisi, 25, 18-22.
- Özkan, E., Tavil, A. & Şahal, N. (1997). Mevcut konutlarda yapı dış kabuğunun enerji etkin yenilenecek geliştirilmesi. Isı, Ses, Su, Yangın, Yalıtım Teknolojileri Dergisi, 2 (7), 24-29.
- Altun, C., Tavil, A. & Şahal, N. (1994). Drenaj: Toprak altındaki yapı elemanlarının zemin suyu etkisine karşı korunması için bir önlem. Yapı Dergisi, 148, 46-51.

Araştırmacı ID Bilgileri / Researcher ID

Scopus Author ID: 57217384858

Orc-ID: 0000-0001-8600-4376

Web of Science ResearcherID: ABE-2285-2020

Google Scholar: bzXRXBkAAAAJ&hl

Researchgate:https://www.researchgate.net/profile/Aslihan-

Uenlue/publications?editMode=1&sorting=recentlyAdded

Araştırma Projeleri / Research Projects

- Bitir Akhgar (Yürütücü), Aslihan Ünlü (Akademik Danışman) (28.11.2025 – Devam ediyor) Kinetic Energy Harvesting From Facades: A Piezoelectric Approach For Smart Building Skins
- Aslihan Ünlü (21.12.2021- 31.05.2023) İstanbul Kalkınma Ajansı tarafından desteklenen Çekmeköy Belediyesi'nin başvuru sahibi, Özyeğin Üniversitesi'nin proje ortağı olduğu "İstanbul Oyun Girişimciliği Akademisi: 9999in1 Space" başlıklı projede Özyeğin Üniversitesi'ndeki proje yürütücüsü.
- Ahmet Biler (Yürütücü), Aslihan Ünlü (Akademik Danışman) (15.12.2020-15.06.2021) "Trickle Vent'in Ofis Binalarındaki İç Ortam Konfor Koşullarına Etkisinin Belirlenmesi", Metal ve Yapı Sistemleri Tic. AŞ. Ve Özyeğin Üniversitesi arasında imzalanan anlaşma uyarınca yürütülen AR-GE projesi.
- Tavil, A. (Yürütücü), Celik, O. C., Edis, E., Uz F., Salman, Y. (Eylül 2016-Ağustos 2019). Almanya'dan Hochschule Ostwestfalen-Lippe, Portekiz'den Universidade De Coimbra, Universidade De Lisboa, Belçika'dan Universiteit Antwerpen ve Docomomo International ile ortak olarak başvuru alan "Re-use of Modernist Buildings (RMB) – Design Tools for Sustainable Transformations" başlıklı proje 4.07.2016 tarih ve 2016-1-DE01-KA203-002900 sayılı Avrupa Birliği Erasmus+ Programı Ana Eylem 2 Yükseköğretim Alanı Stratejik Ortaklıklar kapsamında yürütülmüştür. Proje toplam bütçesi 410.595 EUR'dir.
- Tavil, A. (Yürütücü), Yaman, H., Çetiner, İ. & Coşkun, K. (2010). Türkiye'de Farklı İklim Bölgelerinde Konut Binaları İçin Yüksek Performanslı Pencere Tasarım ve Seçim Modeli, İTÜ Bilimsel Araştırma ve Geliştirme Destekleme Programı Projeleri (A tipi proje), No: 11-05-140, İTÜ Bilimsel Araştırma Projeleri Birimi, İstanbul.
- Tavil, A. (Yürütücü) (2004). Energy and Visual Performance Appraisal of Electrochromic Windows Integrated With Overhangs In Different Climates, University of California, Lawrence Berkeley National Laboratory (LBNL), Environmental Energy Technologies Division (EETD), Building Technology Department, Berkeley. (NATO-B2 destekli yurt dışı araştırmaları, E.S. Lee danışmanlığında, Basılmamış araştırma raporu)
- Özkan, E. (Yürütücü), Altun, C., Tavil, A. & Şahal, N. (1996). Mevcut Konutların Rehabilitasyonunda Yapı Dış Kabuğunun Enerji Etkin Yenilenecek Geliştirilmesi, Proje No:İNTAG/TOKİ 223, İnşaat Teknolojileri Araştırma Grubu, İstanbul.

Eğitim-Öğretim Görevleri / Teaching Experience

Dersler (Lisans) / Undergraduate Courses

ARCH205 Building Construction and Materials

ARCH206 Construction Technologies

MIM402 Mezuniyet Projesi

Danışmanlık (Lisansüstü) / Postgraduate Thesis Supervision

- Bitir Akhgar, Harnessing Wind Energy from Facades: Development of Piezoelectric Harvesting Systems Özyeğin University, Graduate School of Science and Engineering- Continuing
- Gökçe Tomrukçu, Enhancing Climate Resilience and Sustainability in the Built Environment: A Case Study Analysis with an Innovative Framework for Adaptation Strategies, Özyeğin University, Graduate School of Science and Engineering- Continuing
- Meriç Altıntaş, Modern binaların yenilenmesinde teknoloji tabanlı bir yaklaşım- İstanbul: İTÜ Fen Bilimleri Enstitüsü – Devam ediyor
- Ahmet Biler (2024), Doğal havalandırılmalı doğrama sistemlerinin (Trickle-Vent) optimum kontrol stratejilerinin deneysel olarak belirlenmesi, İstanbul: İTÜ Fen Bilimleri Enstitüsü.
- Mine Koyaz, (2022) Uyum Gösteren Cephe Teknolojilerinin Kullanıcı Odaklı Tasarımına Yönelik bir Model Önerisi, İstanbul: İTÜ Fen Bilimleri Enstitüsü.

- Yalaz, E. T. (2018) Çubuk ve Panel Giydirmeye Cephe Sistemlerinin Yaşam Dönemi Performanslarının Deneysel Olarak Belirlenmesi, İstanbul: İTÜ Fen Bilimleri Enstitüsü, Mimarlık Anabilim Dalı, Yapı Bilimleri Doktora Programı.
 - Metin, B. (2017) Bina Yapım Sürecinde Çevresel Performansın Değerlendirilmesi İçin Bir Model Önerisi, İstanbul: İTÜ Fen Bilimleri Enstitüsü, Mimarlık Anabilim Dalı, Yapı Bilimleri Doktora Programı.
 - İltter, E. (2016). Gerçek boyutlu cam panel cephe sisteminin uzun dönem taşıyıcılık ve sızdırmazlık performansının değerlendirilmesi. İstanbul: İTÜ Fen Bilimleri Enstitüsü, Mimarlık Anabilim Dalı, Yapı Bilimleri Doktora Programı. (Eşdanışmanı: Prof. Dr. Oğuz Cem Celik)
- Göçer, Ö. (2006). Atrium tipi binalarda enerji tüketiminin azaltılması ve kullanıcı konforunun sağlanmasında uygun camlama ve denetim sistemi modeli. İstanbul: İTÜ Fen Bilimleri Enstitüsü, Mimarlık Anabilim Dalı, Yapı Bilimleri Doktora Programı.

Mesleki Çalışmalar / Non-academic Experience

BSB 757 referans numaralı Avrupa Komşuluk Aracı (ENI) Karadeniz Havzası Sınır Ötesi İş Birliği Programı tarafından desteklenen CREA CENTERS projesi danışma kurulu üyeliği

Etkinlik Organizasyonlarındaki Görevler / Tasks in Event Organizations

1. International Conference on Building Envelope Systems and Technologies – ICBEST konferansı, 15-17 Mayıs 2017 tarihlerinde Prof.Dr. Oğuz Cem Çelik ve Doç.Dr. Aslıhan Tavil başkanlığında İTÜ Taşkışla’da düzenmiştir. (www.icbestistanbul.com).
2. 8th International Seminar on Structural Masonry (issm08), 5-7 Nov 2008, ITU Taskisla, Istanbul, Local Organizing Committee Member, Chair Leyla Tanaçan (www.issm08.org).
3. 11th International Conference on Durability of Building Materials and Components, Istanbul Dedeman Oteli, 11-14 May 2008, Istanbul, Local Organizing Committee Member Chair Nil Türkeri (www.11dbmc.org).
4. Living in Earthen Cities-Kerpic 05, International Conference, Organization Committee Member, 6-7 July 2005, Chair, Bilge Işık, İTÜ Süleyman Demirel Kültür Merkezi, İstanbul (www.kerpic.org)

Jüri Üyelikleri / Jury Memberships

- ARKITERA 2015 RAF Yapı Malzemesi Ödülü Seçici Kurul Üyesi.
 ARKITERA 2014 RAF Yapı Malzemesi Ödülü Seçici Kurul Üyesi.
 MimED 2014 Mimarlık Eğitim Derneği Öğrenci Yarışması Seçici Kurul Üyesi

Bilimsel Hakemlikler / Scientific Refereeing

1. Tasarım + Kuram Dergisi, Mimar Sinan Üniversitesi, Mimarlık Fakültesi Dergisi, 2020, 2021. (<http://www.tasarimkuram.com>)
2. MEGARON / Yıldız Technical University / Faculty of Architecture E-Journal, 2019, 2020, 2021. (<http://www.megaronjournal.com>)
3. Journal of Façade Design and Engineering, 2018, 2021, 2022. (<https://journals.open.tudelft.nl/jfde/>)
4. International Journal of Sustainability in Higher Education, 17.07.2013 (<https://www.emeraldgrouppublishing.com/journal/ijsh>)
5. British Journal of Applied Science & Technology, 2013. (<https://publons.com/journal/21960/british-journal-of-applied-science-technology/>)
6. Construction and Building Material, Eylül 2011. (<https://www.journals.elsevier.com/construction-and-building-materials>)
7. A/Z ITU Journal of Faculty of Architecture, 11.10.2007. (<http://www.azitujournal.com/jvis.aspx=>

Üye Olduğu Kurumlar / Membership in Scientific and Professional Organizations

- Journal of Façade Design and Engineering, Editorial Board Member, Ulrich Knaack, Tillmann Klein (Editors in Chief) (Taranan index: Directory of Open Access Journals (DOAJ), Google Scholar, Scopus (2018 – devam ediyor)
- GRID Architecture, Planning and Design Research Journal, Bilimsel Danışma Kurul Üyesi (Scientific advisory board member), <https://dergipark.org.tr/en/pub/grid/board>. (2017-devam ediyor)
- Mimarlar Odası (TMMOB)
- Mimarlık Eğitimi Derneği (MimED) – Başkan Yardımcısı
- Yapı Fiziği Derneği, Yönetim Kurulu Üyesi
- DOCOMOMO International, member
- Docomomo Türkiye, Teknoloji Komitesi üyesi
- European Façade Network - <https://www.europeanfacadenetwork.eu/>
- T.E.D. Ankara Kolejliler Derneği
- T.E.D. Ankara Koleji Mezunlar Derneği
- Maçka Rotary Klübü
- Construction and architecture, spatial planning’ (SBWT9) board member of “The Research Foundation – Flanders” (FWO)

Diğer Deneyimler / Other Experience

1. Visiting Professor (August 2012 – July 2013) USA, Roger Williams University, School of Architecture, Art and Historic Preservation. .
 2. Visiting Researcher (July-September 2010) USA, University of California, Lawrence Berkeley National Laboratory (LBNL), Environmental Energy Technologies Division (EETD), Building Technology Department. USA,
 3. Visiting Researcher (August 2003-June 2004) University of California, Lawrence Berkeley National Laboratory (LBNL), Environmental Energy Technologies Division (EETD), Building Technology Department.
- Working Fields: Building construction Technologies, Facade Systems, High Performance Window Systems, Building Construction Design, Sustainable building and construction Technologies.