**1. Name, Surname, Title :** Zehra Tuğçe KAZANASMAZ, Prof. Dr.

**2. Education Credentials :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Degree** | **Department** | **University** | **Year** |
| B. Arch. | Architecture | Middle East Technical University | 2000 |
| M. Arch. | Architecture/ Building Technology | Middle East Technical University | 2002 |
| PhD | Architecture/ Building Technology | Middle East Technical University | 2005 |

**3. Academic Experience :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Title** | **Department** | **University/Place** | **Year** |
| Instructor Dr. | Architecture | Izmir Institute of Technology | 2005 |
| Assoc.Prof.Dr. | Architecture | Izmir Institute of Technology | 2012 |
| Prof. Dr. | Architecture | Izmir Institute of Technology | 2017 |

**4. Areas of Expertise in Architecture**

A Building Physics

B Architectural Lighting

C Building Technology

**5. Courses Taught (Last Two Years)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Academic Year** | **Semester** | **Code** | **Name of Course** | **Weekly Hours** | | **Number of Students** |
| Theory | Application |
| 2017-2018 | Spring | AR252 | Building Technology and Science IV | 2 | 2 | 55 |
| AR383 | Lighting analysis in Building Physics | 2 | 2 | 15 |
| AR 589 | Energy Efficient Lighting Design | 2 | 2 | 8 |
| 2018-2019 | Fall | AR 381 | Building Physics II | 2 | 2 | 70 – (2) |
| AR 501 | Research Methods I | 2 | 2 | 25 |
| AR 583 | Principles of Daylight Design and Analysis | 2 | 2 | 6 |
| Spring | AR 252 | Building Technology and Science IV | 2 | 2 | 84 |
| AR383 | Lighting analysis in Building Physics | 2 | 2 | 25 |
| AR526 | Seminar I | 0 | 2 | 11 |
| AR627 | Seminar II | 0 | 2 | 13 |
| 2019-2020 | Fall | AR 381 | Building Physics II | 2 | 2 | 108 – (2) |
| AR 501 | Research Methods I | 2 | 2 | 21 |
| AR 589 | Energy Efficient Lighting Design | 2 | 2 | 10 |
| Spring | AR 252 | Building Technology and Science IV | 2 | 2 | 90 |
| AR383 | Lighting analysis in Building Physics | 2 | 2 | 21 |
| AR627 | Seminar II | 0 | 2 | 13 |

**6. Supervised Graduate Theses / Dissertations**

**6.1. Masters**

1.Binol, S. “A prediction model for daylighting illuminance for office buildings”, İYTE, Architecture, 2008.

2.Soykan, E. “Thermal comfort evaluation in intelligent buildings; case study Darüşşafaka residence” İYTE Architecture, 2009.

3.Erlalelitepe, İ. “The impact of architectural design criteria on energy performance of residential buildings: a case study in İzmir” İYTE, Architecture,2012.

4.Turhan, C. “Mevcut binalarda HVAC ve bina tasarım parametrelerinin bina enerji tüketimine olan etkisinin ANN ve Fuzzy Logic ile analizi” İYTE, Enerji Mühendisliği, (TÜBİTAK projesi bursiyeri-yardımcı tez danışmanı),2012.

5.Fırat, P. “Modeling of advanced daylighting systems to improve illuminance and uniformity in architectural design studios”, İYTE, Architecture, 2013.

6.Dim, D. “Overview and discussion on recent applicatıons of building integrated daylighting systems”, İYTE, Architecture, 2017.

7.Öztürk, Y. “Simultaneous Improvement in Visual and Acoustic Performance by Modifying Common Design Components in Lecture Halls”, İYTE, Architecture, 2017.

8. Öner, M. “The Influence of a New Layout Arrangement and a Light Shelf Reflective Louver System on Satisfying Visual Conditions in Academic Library Reading Rooms”, İYTE, Architecture, 2017.

9. Ergin, M. “Double Skin Facade Options for Optimum Daylight Quality in a Sustainable Office Building Design” İYTE, Architecture, 2019.

10.Köse, B.K. “Optimizing the Window Size and Depth of a South-facing Room with a Prismatic Panel and a Blind System for a better Daylight Performance” İYTE, Arcitecture, 2019.

11. Sönmez, İ. “Testıng room and wındow desıgn parameters for daylıght performance accordıng to breeam assessment crıterıa: cases of london and izmir” İYTE, Architecture, 2019.

12. Çevik, A. “User lighting preferences in museums and galleries: virtual models and a survey for multiple exhibition and lighting conditions” İYTE, Architecture, 2019.

13. Keskinel, Y. “Performance of movable facade panels in terms of dynamic daylight metrics for a classroom”. “Bir sınıf için hareketli cephe panellerinin dinamik günışığı metrikleri açısından başarımı”, İYTE Mimarlik, 2020.

14. Tüten, A. “Applicability of semi transparent and building integrated photovoltaics in fenestrations” “Yarı saydam ve binaya bütünleşik fotovoltaiklerin pencerelerde uygulanabilirliği”, İYTE Mimarlık, devam.

15. Durgut, M. “Effective use of LED lighting to achieve healthy and sustainable buildings” “Sağlıklı ve sürdürülebilir binalar elde etmek için LED aydınlatmanın etkin kullanımı”, İYTE Mimarlık, devam.

16. Yasinci, Z. “Facade design proposals to improve lighting efficiency according to LEED credits in existing buildings” “Mevcut binaların LEED kredilerine göre aydınlatma verimliliğini iyileştirmeye yönelik cephe tasarımı önerileri” İYTE Mimarlık, 2020.

17. Ketencioğlu,D. “Effectiveness of retail lighting in terms of human perception and ambience” “Mağaza aydınlatmasının insan algısı ve ambiyans açısından etkinliği”, İYTE Mimarlık, devam.

18. Battal, C. “Tarihi kula evlerinde başoda pencere tasarımı ve doğal aydınlatma performansının değerlendirilmesi” İYTE Restorasyon,2020. (yardımcı tez danışmanı)

**6.2. PhD**

1.Bayram, G. “Retrofitting of an educational building in terms of energy efficient lighting criteria by a simulation analysis”, İYTE, Architecture, 2015.

2.Cilasun, A. “Categorization of Manual Lighting Control Behaviour Patterns Based on Interior Layout in Offices” İYTE, Architecture, 2016.

3.Uygun, İ. “Optimization of architectural lighting design in offices”, İYTE, Architecture, 2018.

4.Grobe, L.O. “Evaluation of Daylight Redirecting Systems using Data-Driven Models”, İYTE, Architecture,2019.

5.Öner Coşkun, Ö. “Comparison of architectural design elements for vernacular and contemporary residential buildings in terms of their energy performance”, İYTE, Architecture, 2020.

6.Öztürk, Y. “Material and Color Alternatives Affecting Students’ Visual Perception and Visual Comfort in a Classroom: A Study Based on Artificial Intelligence Models” “Bir Sınıfta Öğrencilerin Görsel Algı ve Görsel Konforunu Etkileyen Malzeme ve Renk Alternatifleri: Yapay Zeka Modellerine Dayalı Bir Çalışma”, İYTE Mimarlik, devam .

7.Köse B. “The Effects of Window Glazing on Daylight Quality, Occupant Alertness and Work Performance in Offices.” “Ofislerde Pencere Camının Günışığı Kalitesi, Kullanıcının Uyanıklık Durumu ve Çalışma Performansı Üzerine Etkileri”, İYTE Mimarlik, devam .

8.Gazi, A. Doktora Tez Komitesi Üyesi, İYTE Mimarlik, 2017.

9.Kaplan, Z. Doktora Tez Komitesi Üyesi, İYTE Mimarlik, 2019.

10.Atarer, F. Doktora Tez Komitesi Üyesi, İYTE Mimarlik, devam.

11.Geçit Hanci, B. Doktora Tez Komitesi Üyesi, İYTE Mimarlik, devam.

12.Kükdamar, İ. Doktora Tez Komitesi Üyesi, Ege Ü. Biyomühendislik B., devam.

**7. Publications**

**7.1. Articles published in international referred journals (SCI, SSCI, Arts and Humanities, Area Indexed)**

1. Kazanasmaz, T., Düzgüneş, A. (2004). Effectiveness of Lighting Systems for Patient Rooms and Corridors, Architectural Science Review, Volume 47, Number 3, September 2004, 215-221. (Avery Index to Architectural Periodicals-AIAP)

2. Kazanasmaz,Z.T. (2009). The Impact of Planimetric Configuration on Structurally Damaged Residential Buildings, Architectural Science Review, Volume 52, Number 1, March 2009, 54-70. (ISI; Arts and Humanities Citation Index (AHCI); Avery Index to Architectural Periodicals-AIAP)

3. Kazanasmaz, T., Günaydin, M. and Binol, S. (2009). Artificial neural networks to predict daylight illuminance in office buildings. Building and Environment. Vol. 44. No.8, 1751-1757. (SCI-Expanded)

4. Kazanasmaz, T. (2009). Retrofitting project evaluated in regard to architectural usability of buildings" AIZ ITU Journal of Faculty of Architecture, Volume 6, No2, Fall, 20-43. (Design and Applied Arts Index (DAAI), Avery Index to Architectural Periodicals -AIAP)

5. Kazanasmaz, T., Tayfur, G. (2012). “Classifications for planimetric efficiency of nursing units” METU Journal of the Faculty of Architecture, Volume 29, No.1, 1-20. (Arts and Humanities Citation Index (AHCI); Avery Index to Architectural Periodicals -AIAP)

6. Kazanasmaz, T. (2013). Fuzzy logic model to classify effectiveness of daylighting in an Office with a movable blind system, Building and Environment. Vol. 69, 22-34. (SCI-Expanded)

7. Kazanasmaz, T., Erlalelitepe Uygun, İ., Gökçen Akkurt, G., Turhan, C., Ekmen, K.E. (2014). On the relation between architectural considerations and heating energy performance of Turkish residential buildings in Izmir, Energy and Buildings, Vol.72, 38-50.(SCI-Expanded)

8. Turhan, C., Kazanasmaz, T., Erlalelitepe Uygun, İ., Ekmen, K.E. Gökçen Akkurt, G. (2014). Comparative study of a building energy performance software(KEP-IYTE-ESS) and ANN-based building heat load estimation, Energy and Buildings, Vol.85, 115-125.(SCI-Expanded)

9. Kazanasmaz, T., Örs Fırat, P. (2014). Comparison of advanced daylighting systems to improve illuminance and uniformity through simulation modelling. Light & Engineering, Vol.22, no.3, 56-66 (SCI-Expanded).

10. Bayram, G., Kazanasmaz, T. (2016). Simulation-based retrofitting of an educational building in terms of optimum shading device and energy efficient artificial lighting criteria, Light & Engineering, Vol24., no2, 45-55. (SCI-Expanded).

11. Kazanasmaz, T., Grobe L.O., Bauer, C., Krehel,M., Wittkopf S. (2016) Three approaches to optimize optical properties and size of a South-facing window for spatial Daylight Autonomy, Building and Environment. Vol 102, 243-256 (SCI-Expanded)

12. Turhan, C., Kazanasmaz, T., Gökçen Akkurt, G. (2017) Performance indices of soft computing models to predict the heat load of buildings in terms of architectural indicators, Journal of Thermal Engineering. Accepted in Press. (Directory of Open Access Journals (DOAJ); Chemical Abstracts Service (CTSACQ)).

13. Kunduracı Cılasun A., Kazanasmaz, T. (2017) Fuzzy logic model for the categorization of manual lighting control behaviour patterns based on daylight illuminance and interior layout. Indoor and Built Environment. https://doi.org/10.1177/1420326X17703772 (SCI-Expanded)

14. Bauer, C., Kazanasmaz, Z.T. Wittkopf, S. (2017) Climate based daylight simulations with Evaldrc: Analysis of Daylight Redirecting Components.Journal of Façade Design and Engineering. Vol 5, No. 2, 45-57 (DOAJ).

15. Grobe, L.O., Wittkopf, S., Kazanasmaz, Z.T. (2017) High-resolution data-driven models of daylight redirecting components. Journal of Façade Design and Engineering. Vol 5, No. 2, 103-116 (DOAJ).

16. Grobe, L.O., Hancı Geçit, B., Sevinç, Z., Altınkaya, G., Aksakarya, G., Ergin, M., Yörük, Y., Kazanasmaz, T. (2017) Scale-model and simulation-based assessments for design alternatives of daylight redirecting systems for side-lighting in an educational room. METU Journal of the Faculty of Architecture. Accepted in Press. (Arts and Humanities Citation Index (AHCI); Avery Index to Architectural Periodicals -AIAP)

17. A. Cilasun Kunduraci, Z. T. Kazanasmaz, T. Hordijk, Examining Occupancy And Architectural Aspects Affecting Manual Lighting Control Behavior In Offices Based On A User Survey, Light and Engineering, 2018, 0236-2945, 26, 2, 139-147. (SCI-Expanded)

18. Y. Öztürk, Z. T. Kazanasmaz, Work Characteristics, Visual And Energy Needs in Office And Factory Lighting, Matter: International journal of science and technology, 2018, 2454-5880, 4, 3, 43-59. (Index Copernicus).

19. F. Leccese, G. Salvodori, M. Öner, T. Kazanasmaz, Exploring the impact of external shading system on cognitive task performance, alertness and visual comfort in a daylit workplace environment, Indoor and Built Environment, 2019. Doi. 10.1177/1420326X19864414. (SCI-Expanded)

20. M. Öner, T. Kazanasmaz, Illuminance and luminance based ratios in the scope of performance testing of a light shelf-reflective louver system in a library reading room, Light and Engineering, 2019, 27,3. 39-46 (SCI-Expanded)

21. M. Öner, T. Kazanasmaz, F. Leccese, G. Salvodori, (2019) Analysis of the relationship between daylight illuminance and cognitive, affective and physiological changes in VDT workers, Building Services Engineering Research and Technology, (SCI-Expanded)

22. A. Çevik, T. Kazanasmaz, H. E. Duran (2020) User Lighting Preferences Based on Navigation and Space Quality in Virtual Exhibition Environments. Light and Engineering, 2020, 28,2. 28-37. (SCI-Expanded)

23. B. Köse, T. Kazanasmaz, (2020) Applicability of a Prismatic Panel to Optimize Window Size and Depth of a South-facing Room for a Better Daylight Performance, Light and Engineering, 2020, 28,4. 63-67. (SCI-Expanded)

**7.2. Articles published in other international refereed journals**

**7.3. Papers presented in international conferences and published as proceedings**

1. Kazanasmaz, T. (2006) Design Efficiency in Hospital Architecture.; In Proceedings of First International CIB Endorsed METU Graduate Conference, Ankara, Turkey, 17-18 March 2006. Ed. S. Andolsun, A. Temizsoy, and M.Uçar. Ankara, METU Faculty of Architecture. 231-242.

2. Erlalelitepe, İ., Gökçen G., Kazanasmaz, T. (2010) Ekolojik Mimari Tasarım Kriterlerinin Konutların Enerji Performansı Değerlendirmesindeki Yeri, Greenage Symposium, 1st International Symposium Proceedings, Mimar Sinan Fine Arts University, Faculty of Architecture, 6-8 December 2010, 119-129, İstanbul Türkiye.

3. Turhan, C., Ekmen, K.E., Gökçen, G., Kazanasmaz, T. (2010) Binalarda Enerji Performansı Değerlendirme Yöntemleri, Greenage Symposium, 1st International Symposium Proceedings, Mimar Sinan Fine Arts University, Faculty of Architecture, 6-8 December 2010, 181-189, İstanbul Türkiye.

4. Erlalelitepe İ., Ekmen K.E., Turhan C., Akdemir M., Akkurt G.G., Kazanasmaz T. (2011) Energy performance of residential buildings and their architectural configuration, Low Energy Architecture (LEA) in World Renewable Energy Congress 2011–Sweden, Conference Proceedings, Ed. Bahram Moshfegh, Linköping University, 8-11 May 2011, 1749-1756, Linköping, İsveç.

5. Turhan C., Kazanasmaz, T. Gökçen.G., The prediction of heating energy consumption for apartment buildings by using artificial neural networks in İzmir/Turkey, 6th IEESE International Ege Energy Symposium & Exhibition, Symposium Proceedings, 28-30 June 2012, 507-516, İzmir, Turkey.

6. Kazanasmaz, T., Fırat, P. (2012) Comparison of simulation tools mostly used in daylighting performance studies, International Congress of Architecture - I , 1st International Symposium Proceedings, Selcuk University Department of Architecture, 15-17 November 2012, 269-282, Konya, Turkey.

7. Kazanasmaz, T., Uygun, İ., Gökçen Akkurt, G., Turhan, C., Ekmen, K.E. (2013). Statistical Analysis of Architectural Configuration Associated with Heating Energy Performance, 39th International Association for Housing Science (IAHS) World Congress on Housing, Politecnico di Milano, 17-20 September 2013,267-274, Milan, Italy.

8. Kazanasmaz, T., Fırat, P. (2013) Modeling of advanced daylighting systems to evaluate illuminance and Uniformity, 39th International Association for Housing Science (IAHS) World Congress on Housing, Politecnico di Milano, 17-20 September 2013,325-332, Milan, Italy.

9. Atça, E., İlal, M.E., Başaran, T., Kazanasmaz, T., Durmuş Arsan, Z. (2013) Renovating a lecture hall with a glass roof: A case study for performance based design, Central European Symposium on Building Physics, 9-11 September 2013, 551-558, Vienna, Austria.

10. Uygun, I.E., Kazanasmaz, Z.T., Kale, S. (2015) Optimization of energy efficient luminaire layout design in workspaces, in Proceedings of International Conference CISBAT 2015 Future Buildings and Districts Sustainability from Nano to Urban Scale, Ed. Scartezzini, Jean Louis, 9-11 September, 2015, 301-306, EPFL, Lausanne, Switzerland. (doi:10.5075/epflcisbat2015301306)

11. Grobe, L.O., Noback, A., Wittkopf, S., Kazanasmaz, Z.T. (2015) Comparison of Measured and Computed BSDF of a Daylight Redirecting Component, in Proceedings of International Conference CISBAT 2015 Future Buildings and Districts Sustainability from Nano to Urban Scale, Ed. Scartezzini, Jean Louis, 9-11 September, 2015, 205-210, EPFL, Lausanne, Switzerland. (doi:10.5075/epflcisbat2015205210)

12. Turhan C., Kazanasmaz, T. Gökçen.G. (2016) Performance analysis of three soft computing methods for predicting the heat load of buildings. In Proceedings of the 8th International Exergy, Energy and Environment Symposium (IEEES-8), May 1-4, 2016, 376-382, Antalya, Turkey.

13. Bayram, G., Kazanasmaz, T. (2016). The Influence of External Louver Design on Daylighting Performance and Lighting Energy Efficiency, In Proceedings of SBE 2016-International Conference on Sustainable Built Environment, 13-15 October,2016, 328-337, İstanbul, Turkey.

14. Kunduracı Cilasun, A., Kazanasmaz, T. (2016). Assessing Manual Lighting Control in Offices, In Proceedings of SBE 2016-International Conference on Sustainable Built Environment, 13-15 October,2016, 247-251, İstanbul, Turkey.

15. Öztürk, Y. Kazanasmaz, T. (2017) Comparison of lighting strategies in offices and factories in terms of work characteristics, visual and energy needs. Second International Congress on Engineering Architecture and Design, 12-13 May, 2017,135-136 Kocaeli, Turkey.

16. Öztürk, Y., Arsan Durmuş, Z., Kazanasmaz, T. (2017) Improving energy efficiency in a low storey apartment by retrofitting the lighting systems. Second International Congress on Engineering Architecture and Design, 12-13 May, 2017,133-134, Kocaeli, Turkey.

17. Atarer, F., Kazanasmaz, T. Korkmaz, K. (2017) Design of a light shelf with the altmann linkage. ICBEST ISTANBUL-International Conference on Building Envelope Systems and Technologies, 15-18 May 2017,14-25, İstanbul, Turkey.

18. Grobe, L.O., Wittkopf, S., Kazanasmaz, Z.T. (2017) High-resolution data-driven models of daylight redirecting components. ICBEST ISTANBUL-International Conference on Building Envelope Systems and Technologies, 15-18 May 2017,84-93, İstanbul, Turkey.

19. Bauer, C. Wittkopf, S., Kazanasmaz, Z.T. (2017) Climate based daylight simulations with Evaldrc: Analysis of Daylight Redirecting Components. ICBEST ISTANBUL-International Conference on Building Envelope Systems and Technologies, 15-18 May 2017,26-35, İstanbul, Turkey.

20. Y. Öztürk, Z. T. Kazanasmaz, A. Cilasun Kunduraci, Testing Daylight Performance In A Classroom In Terms Ofwindow-to-wall Ratio And Glazingtransmittance Variations, Sözlü Sunum, Iconst-international Conference On Science And Technology, 05- 09 Eylül 2018, Prizsen, Kosovo.

21. Y. Öztürk, Z. T. Kazanasmaz, A. Cilasun Kunduraci, Design And Overall Artificial Lighting Analysis Of Amultifunctional Canteen, Sözlü Sunum, Iconst-international Conference On Science And Technology, 05 -09 September 2018, Prizsen, Kosovo.

22. Y. Öztürk, Z. T. Kazanasmaz, G. Tayfur, Prediction Of Heat Cost Indicator In A Home Office Using Artificial Neural Network And Genetic Algorithm Models, Sözlü Sunum, Beyond All Limits 2018: International Congress On Sustainability In Architecture, Planning And Design, 17 -19 October 2018, 617-622, Ankara, Turkey.

23. B. Köse, Z. T. Kazanasmaz, Application Of A Multiple Regression Model For Estimating The Performance Of A Prismatic Panel In Varying Room And Window Sizes, Sözlü Sunum, Beyond All Limits 2018: International Congress On Sustainability In Architecture, Planning And Design, 17-19 October 2018, 253-259, 510-514, Ankara, Turkey.

24. A. Çevik, Z. T. Kazanasmaz, Multiple Configurations Of A Kinetic Shading System To Test Daylight Illuminance And Uniformity, Sözlü Sunum, Beyond All Limits 2018: International Congress On Sustainability In Architecture, Planning And Design, 17-19 October 2018, 253-259, Ankara, Turkey.

25. A. Çevik, Z. T. Kazanasmaz, Reviewing current practices and studies in museum and gallery lighting, 5th International Conference on New Trends in Architecture and Interior Design (ICNTAD),26-28 April 2019, 27-32, İstanbul, Turkey.

26. B. Ekici, T. Kazanasmaz, M. Turrin, M. F. Tasgetiren and I. S. Sariyildiz, A Methodology for Daylight Optimisation of High-rise Buildings in the Dense Urban District using Overhang Length and Glazing Type Variables with Surrogate Modelling, in Journal of Physics: Conference Series 1343 012133, CISBAT 2019, EPFL, Lausanne, Switzerland. (doi:10.1088/1742-6596/1343/1/012133).

27. M.Öner, T. Kazanasmaz, Changes in Attantion and Mental Rotation performance in relation to Luminance Variations in Educational Spaces, 2020 IEEE International Conference on Environment and Electrical Engineering and 2020 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe), 9-12 June 2020, Madrid, Spain.

28. Z. Yasinci, T. Kazanasmaz, K. Korkmaz, Daylight Performance of Origami-Based Kinetic façade Component in terms of LEED Criteria, ATI Sempozyum, Yasar University Architecture Department, 27-29 August 2020, 137-153, İzmir, Turkey.

29. F. Atarer, Z.T. Kazanasmaz, K.Korkmaz, G.Kiper, The Architectural Application of Altmann Linkage as a Light Shelf, ATI Sempozyum, Yasar University Architecture Department, 27-29 August 2020, 170-182, İzmir, Turkey.

**7.4. International books or chapters**

1. Kazanasmaz,Z.T. (2010) Effectiveness of Lighting Systems in Hospitals, VDM Verlag Dr. Müler,Saarbrücken, 104 pages. (ISBN: 978-3-639-18596-6)

2. Kazanasmaz,Z.T. (2010) Planimetric Design Efficiency of Hospitals: An Investigation on Design Efficiency of Inpatient Departments, VDM Verlag Dr. Müler, Saarbrücken, 144 pages. (ISBN:978-3-639-25078-7)

3. Kazanasmaz, T. (2011) Effective lighting for inpatient departments, Facilities Management, Hospital Healthcare Europe. Ed. Alex Kaminsky. Campden Publishing Limited. London, 1-4. Web adresi: [www.hospitalhealthcare.com/hhe](http://www.hospitalhealthcare.com/hhe).

**7.5. Articles published in national refereed journals**

1. Kazanasmaz, T. (2003) Sağlık Yapılarında Aydınlatma, Modern Hastane Yönetimi, 7: 1, Ocak-Şubat-Mart, 14-23.

2. Kazanasmaz, T. (2004) Sağlık Yapılarında Yön Bulma Tasarımı, Modern Hastane Yönetimi, 8: 2, Nisan-Mayıs-Haziran, 42-46.

3. Kazanasmaz,T., Düzgüneş, A. (2009). Hasta Bakım Ve Tedavi Ünitelerinin Verimli Tasarlanması, Megaron,Yıldız Teknik Üniversitesi Mimarlık Dergisi,4:1, 52-60. (EBSCO Host Art & Architecture Complete, DOAJ)

4. Kazanasmaz,T., Tayfur,G.(2010). Hasta Bakım Ünitelerinin Tasarım Verimliliklerinin Bulanık Mantık Modeli Bağlamında Değerlendirilmesi, Megaron, Yıldız Teknik Üniversitesi Mimarlık Dergisi,5:1, 11-22. (EBSCO Host Art & Architecture Complete, DOAJ)

5. Kazanasmaz, T. (2011). Mevcut Binaların Enerji Verimliliğinin Artırılması, Ege Mimarlık, Temmuz 2011, 34-37. (DAAI -Design and Applied Arts Index)

6. Erlalelitepe, İ., Aral, D., Kazanasmaz, T. (2011) Eğitim Yapılarının Doğal Aydınlatma Performansı Açısından İncelenmesi, Megaron, Yıldız Teknik Üniversitesi Mimarlık Dergisi, Yapı Fiziği ve Sürdürülebilir Tasarım Kongresi Özel Sayısı, 6:1, 39-51. (EBSCO Host Art & Architecture Complete, DOAJ)

7. Turhan, C., Gökçen, G., Kazanasmaz, T. (2013), Yapay Sinir Ağları ile İzmir’deki Çok Katlı Binaların Toplam Enerji Tüketimlerinin Tahmin Edilmesi,Tesisat Mühendisliği, Sayı 134 - Mart/Nisan, 61-68.

8. Kazanasmaz, T., Yelkenci, F. Yörük, Y.,Dim, D. (2014). Mimari ve Enerji Etkinlik Bakış Açılarıyla Aydınlatma Tasarımı Üzerine Bir Çalışma, Ege Mimarlık, Ekim 2014, 19-21. (DAAI -Design and Applied Arts Index)

9. Cılasun Kunduracı, A., Kazanasmaz, T., (2016) Aydınlatma Kontrol Sistemlerinin Kullanıcı Memnuniyeti Üzerindeki Etkisine Eleştirel Bir Bakış. CBÜ Fen Bil. Dergi., Cilt 12, Sayı 3, 553-560 (Tübitak Ulakbim).

10. Kazanasmaz, T., Öner, M., Bauer, C. (2017) Aynalı Jaluzi Sistemleri ile Enerji Etkin Yapı Tasarımı: Günışığı Performansının Artırılması. Ege Mimarlık, Ocak 2017, 11-14. (DAAI -Design and Applied Arts Index)

**7.6. Papers presented in national conferences and published as proceedings**

1. Kazanasmaz, T. (2003) Aydınlatma Sistemlerinin Çalışabilirlik Durumu Üzerine Bir Çalışma, İbn-i Sina Hastanesi, II. Ulusal Aydınlatma Sempozyumu, TMMOB Elektrik Mühendisleri Odası, Diyarbakır Şubesi, 8-10 Ekim 2003, 87-91, Diyarbakır.

2. Kazanasmaz, T. (2003) Müzelerin aydınlatma tasarımı-ODTÜ Müzesi, II. Ulusal Aydınlatma Sempozyumu, TMMOB Elektrik Mühendisleri Odası, Diyarbakır Şubesi, 8-10 Ekim 2003,98-104, Diyarbakır.

3. Kazanasmaz, T. (2009) Binaların Doğal Aydınlatma Performanslarının Değerlendirilmesi, V. Ulusal Aydınlatma Sempozyumu, TMMOB Elektrik Mühendisleri Odası İzmir Şubesi, Mayıs, 2009, 25-36, İzmir.

4. Kazanasmaz,T., Günaydın, M., Binol, S. (2009) Bürolarda Günışığı Aydınlık Değerlerinin Öngörülmesi, IX. Ulusal Tesisat Mühendisliği Kongresi Bina Fiziği Sempozyumu, Mayıs 2009, 811-822, İzmir.

5. Erlalelitepe, İ., Aral, D., Kazanasmaz, T. (2010) Eğitim Yapılarının Doğal Aydınlatma Performansı Açısından İncelenmesi, Yapı Fiziği ve Sürdürülebilir Tasarım Kongresi, Yıldız Teknik Üniversitesi Mimarlık Fakültesi, Sayı: MF.MİM-2010.001,4-5 Mart 2010, 331-338, İstanbul.

6. Erlalelitepe, İ., Gökçen, G., Kazanasmaz, T. (2011) Yeşil Bina Sertifika Sistemlerinde Konut Tasarımının Önemi, X. Ulusal Tesisat Mühendisliği Kongresi Bina Fiziği Sempozyumu, 13-16 Nisan 2011,1625-1633, İzmir.

7. Kazanasmaz, T., Fırat, P., Tosun, M.(2011) Prizmatik Ve Lazer Kesim Panellerin Doğal Aydınlatma Performansı Açısından Değerlendirilmesi, VI. Ulusal Aydınlatma Sempozyumu, TMMOB Elektrik Mühendisleri Odası İzmir Şubesi, 24-25 Kasım 2011,44-56,İzmir.

8. Kazanasmaz, T., Diler, Y. (2011) Gelişmiş Cam Teknolojileri ile Enerji Etkinliğin Değerlendirilmesi, VI. Ulusal Aydınlatma Sempozyumu, TMMOB Elektrik Mühendisleri Odası İzmir Şubesi, 24-25 Kasım 2011,84-93,İzmir.

9. Erlalelitepe, İ., Gökçen, G., Kazanasmaz, T. (2011) Mevcut Konut Binalarının Çevre Duyarlı Olmaları İçin Yenilenmesi, Çevre-Tasarım Kongresi, Yıldız Teknik Üniversitesi, 8-9 Aralık 2011, 25-36, İstanbul.

10. Kazanasmaz, T., Okutucu, F. (2012) Sürdürülebilir Yapılı Çevreler Oluşturulmasında Güneş Kontrol Sistemlerinin Rolü, 2. Proje ve Yapım Yönetimi Kongresi, İzmir Yüksek Teknoloji Enstitüsü, 13-16 Eylül 2012, İzmir.

11. Kazanasmaz, T., Uygun, İ., Akkurt, G., Turhan, C., Ekmen, K.E. (2012) Mimari tasarım ölçütlerinin konutların enerji performansına etkisi:İzmir’de bir alan çalışması, Sürdürülebilir Yapı Tasarımı Ulusal Konferansı,İzmir Yaşar Üniversitesi, 12-13 Kasım 2012, İzmir.

12. Kazanasmaz, T, Fırat, P. (2013) Farklı gök koşulları altında hareketli bir jaluzi sisteminin aydınlatma açısından etkinliğinin irdelenmesi, 9. Ulusal Aydınlatma Kongresi, 19-20 Nisan 2013,269-276, İstanbul.

13. Turhan, C., Gökçen G., Kazanasmaz, T. (2013) Yapay sinir ağları ile İzmir’deki çok katlı binaların toplam enerji tüketimlerinin tahmin edilmesi, XI. Ulusal Tesisat Mühendisliği Kongresi Binalarda Enerji Performansı Sempozyumu, 17-20 Nisan 2013, 961-970, İzmir.

14. Atça, E., İlal, M.E., Başaran, T., Kazanasmaz, T., Durmuş Arsan, Z. (2013) Başarım odaklı tasarım: tasarımın erken evrelerinde benzetim araçlarının önemi, XI. Ulusal Tesisat Mühendisliği Kongresi Bina Fiziği Sempozyumu, 17-20 Nisan 2013, 1411-1423, İzmir.

15. Uygun, İ. ,Kazanasmaz, T. (2013) Mimarlık lisansüstü eğitiminde aydınlatma konularının ele alınışı: İYTE örneği, VII. Ulusal Aydınlatma Sempozyumu, TMMOB Elektrik Mühendisleri Odası İzmir Şubesi, 21-24 Kasım 2013,62-69,İzmir.

16. Cilasun, A., Kazanasmaz, T. (2014) Binalara ilişkin aydınlatma enerji tüketimi öngörülerinde etkin bir değer: kullanıcı kontrolü, 1.Ulusal Yapı Fiziği ve Çevre Kontrolü Kongresi, İstanbul Teknik Üniversitesi, 13-14 Mart 2014, İstanbul.

17. Kazanasmaz, T. (2015) Okullarda iç çevre konfor bileşeni olarak aydınlatma. XII. Ulusal Tesisat Mühendisliği Kongresi, İç Çevre Kalitesi Seminerleri, 8-11 Nisan 2015, 77-82, İzmir.

18. Toksoy, M., Sofuoğlu, S., Sofuoğlu, A., Atmaca, İ., Kazanasmaz, Z.T., Kara M., Yüksel, H., Ekren, O, Sayar, İ., Varlık, N., (MMO İzmir Şubesi Okullarda İç Çevre Kalitesi Eğitimi Çalışma Grubu) (2015) Okullarda iç hava kalitesi eğitimi: pilot çalışma İzmir. XII. Ulusal Tesisat Mühendisliği Kongresi İç Çevre Kalitesi Seminerleri, 8-11 Nisan 2015, 85-94, İzmir.

19. Bayram, G., Kazanasmaz, T. (2015) Gölgeleme elemanları ve ledli aydınlatma ile enerji etkin aydınlatmanın incelenmesi, VIII. Ulusal Aydınlatma Sempozyumu, TMMOB Elektrik Mühendisleri Odası İzmir Şubesi, 21-24 Ekim 2015,97-108,İzmir.

20. Çevik,A., Kazanasmaz,T., Duran,H.E., (2019) Sanal bir sergi mekanı için kullanıcıların aydınlatma tercihi, X. Ulusal Aydinlatma Sempozyumu, TMMOB Elektrik Mühendisleri Odasi İzmir Şubesi, 16-19 Ekim 2019,14-23,İzmir.

21. Köse, F.B., Kazanasmaz, T. (2019) Prizmatik panellerin pencerelerde kullanımı ile doğal aydınlatma pefformansının değerlendirilmesi, X. Ulusal Aydinlatma Sempozyumu, TMMOB Elektrik Mühendisleri Odasi İzmir Şubesi, 16-19 Ekim 2019,14-23,İzmir.

**7.7. National books or chapters**

**7.8. Other Publications**

1. Okutucu, F., Erdoğmuş, Z., Kazanasmaz, T. (2009) “Tesadüften Kültüre”, Haberler, Mimarlar Odası İzmir Şubesi, Nisan,12-15.

2. Kazanasmaz, T. (2007) "Mimari Sağlıkla Buluşuyor: Hastane yapılırken insan ve sağlık düşünülmeli" Medical Tribune, Sayı 7, 27 Nisan 2007, 20.

3. Kazanasmaz, T. Okullarda Aydınlatma ve Görsel Konfor. İzmir Makine Mühendisleri Odası, Ocak, 2015. http://www.iccevrekalitesi.net/pdf/4.pdf

4. Kunduracı Cılasun, A., Kazanasmaz,T. (2016) Binalara ilişkin aydınlatma enerji tüketimi öngörülerinde etkin bir değer:Kullanıcı kontrolü, Yeşil Bina Dergisi, Aralık, 42-46.

**8. Scientific Research Projects**

A Kamu Binalarının Enerji Verimli Hale Dönüştürülmesi”, İYTE BAP Projesi, 2007İYTE23, Proje Yöneticisi, 2007-2009.

B Çok Katlı Konutların Enerji Performansı ile Tasarım Verimlilik Göstergeleri Arasındaki Anlamlı İlişkinin belirlenmesi ", Proje Yöneticisi, TUBİTAK, 109M450, 2010-2012.

C Ofislerde kullanıcıların aydınlatma sistemi ve enerji tüketimi üzerindeki etkinliği: kullanıcı

kontrolü, İYTE BAP Projesi, 2014İYTE26, Proje Yöneticisi, 2014-2015.

D Ofislerde mimari aydınlatma tasarımı üzerine kurulan optimizasyon modelinin doğrulanması için deneysel bir çalışma, İYTE BAP Projesi, 2015İYTE47, Proje Yöneticisi, 2015-2016.

E Effective Use of Daylight in Buildings, Research Visit funded by TUBITAK Fellowship Programme (2 months) in Lucerne University Applied Sciences and Arts (Hochschule Luzern) Competence Center Envelopes and Solar Energy, Switzerland, no:1059B191500018, August-September 2015.

F Pencere Camı Türlerinin İç Ortam Gün Işığı Kalitesi, Kullanıcı Dikkati ve Çalışma Performansı Üzerindeki Etkileri, İYTE BAP Projesi, 2020İYTE0023, Proje Yöneticisi, 2020-2022.

**9. Administrative Duties**

|  |  |  |
| --- | --- | --- |
| **Name of Duty** | **University** | **Year** |
| Commission of Academic Presentation in Architecture | İYTE | 2006-2019 |
| Commission of Career Office | İYTE | 2012-2019 |
| Commission of Lateral Transfer in Department of Architecture | İYTE | 2006-2015 |
| Commission of Lateral Transfer in Faculty of Architecture | İYTE | 2012- going on |
| Coordinator of Lighting Unit in Building Physics Laboratory in Faculty of Architecture | İYTE | 2006-going on |
| Associate Professor Representative in Faculty board in Architecture | İYTE | 2016-2017 |
| Professor Representative in Faculty board in Architecture | İYTE | 2017-going on |
| Commission of PhD Qualifying Exam in Architecture | İYTE | 2016-going on |
| Elected Member in the Administrative Board | İYTE | 2018-going on |
| Commission of Publications | İYTE | 2019-going on |
| Board of Ethics in Social Sciences | İYTE | 2019-going on |

**10. Memberships / Fellowships**

A CIB (International Council for Research and Innovation in Building and Construction) Student Chapter METU Department of Architecture, member, 2000-2005.

B Chamber of Architects, Ankara, 2000-2004.

C Chamber of Architects, İzmir, 2004-going on

D Chamber of Electrical Engineering, Commission of Lighting, member, 2014-2016

**11. Awards**

A TÜBİTAK ARDEB Yurtiçi Doktora Bursiyeri, 2002-2005.

B Türk Serbest Mimarlar Derneği, Türkiye Mimarlik Okullari 3. Sinif öğrencilerinin 2. Dönem bitirme projeleri için ödül, Başari Ödülü, 2000.

C TÜBİTAK 2219 Doktora Sonrasi Yurtdişi Araştirma Bursu, Ağustos-Eylül 2015.

D Effective Use of Daylight in Buildings, Research Visit funded by TUBITAK Fellowship Programme (2 months) in Lucerne University Applied Sciences and Arts(Hochschule Luzern)Competence Center Envelopes and Solar Energy, Switzerland, no:1059B191500018.

E Erasmus Ders verme hareketliliği, Koblenz University of Applied Sciences, Almanya, Ekim, 2017.

F Erasmus Ders verme hareketliliği, Viyana teknik Üniversitesi, Avusturya, Mayıs 2019.

G Erasmus Ders verme hareketliliği, Unersity of Pisa, İtalya, Haziran, 2019.

**12. Other (Design, Art, or related Events involved)**

A

B

C