CURRICULUM VITAE

1. Name Surname: Halil Zafer Alibaba
2. Birth Day:30.08.1973
3. Title: Prof. Dr.
4. Affiliation: Ph.D. (Faculty member)

Degree	Area	Univesity	Year
Undergraduate	Architecture	European Univ. Of Lefke	1992-1996
Graduate	Architecture (Const. Mng.)	Eastern Mediterranean University	1996-1998
Ph.D	Architecture (Bldg. Elem)	Eastern Mediterranean University	1998-2003

- **Ph.D Thesis:** An Expert System for the Selection of Building Elements During Architectural Design. Eastern Mediterranean University, 2003. Supervised by: Prof. Dr.Mesut B. Ozdeniz.

- **Master Thesis: (M.Arch)** An Analysis of Material Supplier Organizations in the Construction Sector of Northern Cyprus. Eastern Mediterranean University, 1998. Supervised by: Prof. Dr. Attila Dikbaş.

5. Academic Title

Prof.Dr.

6. Work Experience

- 2022 – Professor / Eastern Mediterranean University, Faculty of Architecture, Department of Architectrure.
- 2017-2022 – Associate Professor / Eastern Mediterranean University, Faculty of Architecture, Department of Architectrure.
- 2006-2017 – Assistant Professor – / Eastern Mediterranean University, Faculty of Architecture, Department of Architectrure.
- 2003-2006 – Visiting Assistant Professor - / Eastern Mediterranean University, Faculty of Architecture, Department of Architectrure.
- 1998-2003 – Reasearch Assistant- / Eastern Mediterranean University, Faculty of Architecture, Department of Architectrure.

7. International Book Chapter

- Halil Z. Alibaba., "Adaptive thermal comfort of an office for energy consumption-Famagusta case". *Zero-energy buildings,* ed. José David Bienvenido-Huertas (Doi: http://dx.doi.org/10.5772/intechopen.101077), ISBN: 978-1-80355-313-9, IntechOpen Books, 2022, 1-17.

8. SCI ve SCI-Expanded Publications

- Hardi K. Abdullah and Halil Z. Alibaba., A performance-based window design and evaluation model for naturally ventilated offices. Buildings, 12, 1141. (doi: 10.3390/buildings12081141), (ISSN: 2075-5309), August 2022.

- Hardi K. Abdullah and Halil Z. Alibaba., Open-plan office design for improved natural ventilation and reduced mixed mode supplementary loads. Indoor and Built Environment, 31 (8), 2145-2167. (doi: 10.1177/1420326X20953458), (ISSN: 1420-326X), October 2022.

- Refaa Sokkar and Halil Z. Alibaba., Thermal Comfort Improvement for Atrium Building with Double Skin Skylight in the Mediterranean Climate, Sustainability, 12 (6), 2253. (doi: 10.3390/su12062253), (ISSN: 2071-1050), March 2020.

- Hardi K. Abdullah and Halil Z. Alibaba., Window Design of Naturally Ventilated Offices in the Mediterranean Climate in Terms of CO_2 and Thermal Comfort Performance. Sustainability, 12 (2), 473. (doi: 10.3390/su12020473), (ISSN: 2071-1050), January 2020.

- Reihaneh Aram and Halil Z. Alibaba., Analyzing Atrium Volume Designs for Hot and Humid Climates. Sustainability, 11 (22), 6213. (doi: 10.3390/su11226213), (ISSN: 2071-1050), November 2019.

- Halil Z. Alibaba and Mesut B. Ozdeniz., Acoustical Renovation of University Multipurpose Halls: The Case of Lala Mustafa Paşa Hall. Sustainability, 11 (5), 1397. (doi: 10.3390/su11051397), (ISSN: 2071-1050), March 2019.

- Reihaneh Aram and Halil Z. Alibaba., Thermal Comfort and Energy Performance of Atrium in Mediterranean Climate. Sustainability, 11 (4), 1213. (doi: 10.3390/su11041213), (ISSN: 2071-1050), February 2019.

- Halil Z. Alibaba., Heat and Air Flow Behavior of Naturally Ventilated Offices in a Mediterranean Climate. Sustainability, 10 (9), 3284. (doi: 10.3390/su10093284), (ISSN: 2071-1050), September 2018.

- Reihaneh Aram and Halil Zafer Alibaba., Investigation of the Effects of Daylight in a University Library. Journal of Architectural and Planning Research, 35 (4), (ISSN: 0738-0895), 2018.

- Hardi K. Abdullah and Halil Z. Alibaba., Retrofits for Energy Efficient Office Buildings: Integration of Optimized Photovoltaics in the Form of Responsive Shading Devices. Sustainability, 9 (11), 2096. (doi: 10.3390/su9112096), (ISSN: 2071-1050), November 2017.

- Mohammad Y. AbuGrain and Halil Z. Alibaba., Optimizing Existing Multistory Building Designs towards Net-Zero Energy. Sustainability, 9 (3), 399. (doi: 10.3390/su9030399), (ISSN: 2071-1050), March 2017.

- Halil Z. Alibaba and Mesut B. Ozdeniz., Energy Performance and Thermal Comfort of Double-Skin and Single-Skin Facades in Warm-Climate Offices. Journal of Asian Architecture and Building Engineering, 15, (3), 635-642. (ISSN: 1346-7581), July 2016.

- Pooya Lotfabadi, Halil Z. Alibaba and A. Arfaei., Sustainability; as a Combination of Parametric Patterns and Bionic Strategies. Renewable & Sustainable Energy Reviews, 57, 1337-1346. (ISSN: 1364-0321), May 2016.

- Halil Alibaba., Determination of Optimum Window to External Wall Ratio for Offices in a Hot and Humid Climate. Sustainability, 8 (2), 187. (doi: 10.3390/su8020187), (ISSN: 2071-1050), February 2016.

- Halil Z. Alibaba and M.B.Ozdeniz., A Building Elements Selection System for Architects. Building and Environment, 39 3), 307-316. (ISSN: 0360-1323), 2004.

9. Other than selected SCI, SCI-Expanded or SSCI publications

- J.B.Ochieng and Halil Zafer Alibaba., Beyond the Temperate Exemplar: A Critical Review of Schittich`s In Detail: Solar Architecture. EMU Journal of the Faculty of Architecture, Volume 2, Book Review, 2026.

- O. Kayan and Halil Zafer Alibaba., Efficient spatial organization for occupants in need: Innovative spatial solutions for displaced and vulnerable groups., Journal of Salutogenic Architecture, 4 (1), 51-68, 2025. (ISSN-online: 2958-8251)

- T. D. Babarinde and Halil Z. Alibaba., Achieving visual comfort through solatube daylighting devices in residential buildings in Nigeria., International Journal of Scientific & Engineering Research, 9 (1), 118-125, 2018. (ISSN: 2229-5518)

- S. A. Oka and Halil Z. Alibaba., Building technique: Digital façade and LED lighting as a smart system in commercial buildings., International Journal of Innovative Science and Research Technology, 4 (12), 572-580, 2019. (ISSN: 2456-2165)

- H. S. KALWARY and H. Z. ALIBABA., An investigation of sustainability issue for building construction in North Cyprus., Journal of Environmental Sustainability, 6 (1), Article 5, 2018. (ISSN: 2159-2519)

- M. I. Nkandu and H. Z. Alibaba., Biomimicry as an alternative approach to sustainability., Architecture Research, 8 (1), 1-11, 2018. (ISSN: 2168-507X)

- I. Salyani and H. Z. Alibaba., Natural ventilation strategies for residential buildings in Famagusta., International Journal of Recent Research in Civil and Mechanical Engineering, 4 (2), 32-39, 2018. (ISSN: 2393-8471)

- I. S. Ezennia and H. Z. Alibaba., A systematic review of thermal and moisture performance of straw-bale houses in hot and humid climates., International Journal of Scientific & Technology Research, 6 (1), 12-18, 2017. (ISSN: 2277-8616)

- E.E. ETONTEI and H. Z. ALIBABA., A Comparative Analysis of Acoustic Material and Effects on Church Auditoriums: Old and New Churches in Nigeria. International Journal of Advancements in Technology, 7(1). (doi:10.4172/0976-4860.1000153), (ISSN: 0976-4860), 2016.

- M.M. OSMAN and H.Z. ALIBABA., Comparative Studies on Integration of Photovoltaic in Hot and Cold Climate. Scientific Research Journal, 3 (4), 48-60. (ISSN: 2201-2796), 2015.

- T. O. IYENDO and H.Z. ALIBABA., Computer Aided Design (CAD) Technology Versus Students' Learning in Architectural Design Pedagogy – A Controversial Topic Review, International Journal of Development Research, 5 (1), 3152-3158. (ISSN: 2230-9926), 2015.

- T. O. IYENDO and H.Z. ALIBABA., Enhancing the Hospital Healing Environment through Art and Day-Lighting for User's Therapeutic Process. International Journal of Arts and Commerce, 3 (9), 101-119. (ISSN: 1929-7106), 2014.

- H.Z.ALIBABA and M.B.OZDENIZ., Thermal Comfort of Multiple-Skin Facades in Warm-Climate Offices. Scientific Research and Essays, 6 (19), 4065-4078. (doi: 10.5897/SRE11.319), (ISSN: 1992-2248), 2011.

10. International conferance proceeding selected publications

- J. B. Ochieng and Halil Zafer Alibaba., Optimizing Daylight abd Occupant Comfort: A Simulation-Based Analysis of Building Performance in Famagusta, Cyprus., Proceedings of the International Conference Affairs in Architecture and Urbanism-ICCACUA2026 Conference., 2026, Istanbul, Turkiye.

- T. Adil and Halil Zafer Alibaba., The Realisation Gap in Digital Fabrication: Structural Tensions Between Generative Promise and Construction Reality.DAKAM`S Spring 2026 Architecture, Urban Design and Humanities Conferences Proceedings. ARCHDESIGN XIII. International Architectural Design Conference. 2026, Istanbul.

- A. Ghaderi and H.Z. Alibaba., Revolutionizing Skyscraper Design: Sustainable Structural Systems and Innovations from Burj Khalifa., 4th International Congress on Civil Engineering, Architecture, Building Materials and Environment papers., 2025, CAUCONGO4., Helsinki, Finland.

- R. ARAM and H. Z. ALIBABA., Investigating Sustainability of the Traditional Buildings in Kermanshah-Iran. FEAST International Conference on Engineering, Renewable Energy, Information Technology and Applied Sciences (ERI-19). London, UK.

- R. ARAM and H. Z. ALIBABA., Investigating State of the Sustainable Building Design Parameters. The Asian Conference on Sustainability, Energy & the Environment 2018 (ACSEE2018). Kobe, Japan.

- H. K. ABDULLAH and H. Z. ALIBABA., Towards Nearly Zero-Energy Buildings: The Potential of Photovoltaic-Integrated Shading Devices to Achieve Autonomous Solar Electricity and Acceptable Thermal Comfort in Naturally-Ventilated Offfice Spaces. Proceeedings of the 16th International Conference on Clean Energy (ICCE-2018), Proceeding CD Ref: ARCH-05, Famagusta, N. Cyprus.

- D. BODAMYALIZADE and H. Z. ALIBABA., Architectural Facade Design Proposal for Water Production via Air Content. Proceedings of the International Conference on Contemporary Affairs in Architecture and Urbanism (ICCAUA-2018), CD Proceeding ISBN: 978-1-946782-09-0, Anglo-American Publications LLC, Kyrenia, N. Cyprus.

- T. O. IYENDO, E.Y.AKINGBASO, H.Z. ALIBABA and M. B. OZDENIZ., A Relative Study of Microclimate Responsive Design Approaches to Buildings in Cypriot Settlements., Proceedings of the 7th International Seminar on Vernacular Settlements, Re-assesment of Vernacular Architecture: Theory and Practice, Vol.2. 2014, Istanbul Technical University, Housing Research and Education Center, Faculty of Architecture, Taskışla, Taksim, Istanbul. (ISBN Set: 978-975-561-446-5)

- H.Z.ALIBABA and M. B. ÖZDENİZ., Çift Katmanlı Cephelerin Sıcak İklimlerdeki Davranışlarının Araştırılması için bir Deney Düzeneği. Yapı Fiziği Sürdürülebilir Tasarım Kongresi, Yıldız Teknik Üniversitesi, İstanbul, 2010. (ISBN: 978-975-461-458-9)

- I.YITMEN and H.Z.ALIBABA., An Investigation of Self-Sustaining Finance Systems for Property Development in North Cyprus. Proceeding of ARCOM (Association of Researchers in Construction Management), 21st Annual Conference, SOAS, London, 2005. (0 902896 93 8) (2 vols.)

- H.Z.ALIBABA and U. ATIKOL., Sustainable Approaches on the Application of Plumbing Systems in the Rapid Development of Gazimagusa Buildings. Proceeding of International Gazimagosa Symposium, Famagusta, N. Cyprus, 2004. (ISBN: 975-8401-16-5)

- H.Z.ALIBABA and U. ATIKOL., HVAC Lessons to be Learned in Today`s Market Conditions. Proceeding of Creating the Future, 3rd International Symposium. European University of Lefke, Faculty of Architecture and Engineering, Gemikonağı, TRNC, 2004. (ISBN: 975-98897-0-6)

- Dikbaş, I.Yitmen and H.Z Alibaba., An Analysis of the Organizations of the Firms in the Construction Materials Industry - A Case Study in Turkish Republic of Northern Cyprus. Proceeding of 1st International Conference on Construction Industry Development: Building the Future Together, Singapore, 1997.

11. B type reserach

- DAU-MEKB, M.B Ozdeniz, H.Z Alibaba., DAU-MEKB 08-08 Projesi: Çift Kabuklu Cam Cephelerin Sıcak İklimlerde Davranışları, 2008-2010, Famagusta, N.Cyprus.

- DAU-TEKMER Projesi, no: 1.6. Yapı Elemanı Seçimi İçin Bir Uzman Sistem Modeli, Gazimagosa, 2000-2002.

12. Supervised Master thesis

- Refaa Y.M. Sokkar. Thermal Comfort Improvement for Atrium Building with Double Skin Skylight in the mediterranean Climate, Master of Science in Architecture, Eastern Mediterranean University, Department of Architecture, 2020.
- Hasan Samih Kakamam Kalwry. An Investigation of Building Construction and Materials Issues in Northern Iraq for Residential Projects, Master of Science in Architecture, Eastern Mediterranean University, Department of Architecture, 2017.
- Mahsa Salimi Khatibi. Natural Ventilation Strategies for Apartments in Famagusta, Master of Science in Architecture, Eastern Mediterranean University, Department of Architecture, 2015.
- Shadi Pakpour Aghghaleh. Roof Defects in North Cyprus, Master of Science in Architecture, Eastern Mediterranean University, Department of Architecture, 2015.
- Golrokh Khakzar. Evaluation of Facade Performance, in Terms of Thermal Comfort for Health Center Building-EMU, Master of Science in Architecture, Eastern Mediterranean University, Department of Architecture, 2014.
- Salih Ben-Nail Abu Sief. Comparison of Different Facades for High-rise Buildings in Hot and Cold Climates in Terms of Material Usage, Master of Science in Architecture, Eastern Mediterranean University, Department of Architecture, 2014.
- Rasiha Kayalar. Comparison of Photovoltaic (PV) Panel Usage in Different Climates, Master of Science in Architecture, Eastern Mediterranean University, Department of Architecture, 2013.
- Fetameh Amiri Najafabadi. Effect of Atrium on Thermal Comfort, Master of Science in Architecture, Eastern Mediterranean University, Department of Architecture, 2013.
- Vahibe Kazek. Evaluation of Integrated Photovoltaic Systems on Facades, Master of Science in Architecture, Eastern Mediterranean University, Department of Architecture, 2012.
- Ladifa Barau Muhammad. Systematic Evaluation of Curtain Wall Types, Master of Science in Architecture, Eastern Mediterranean University, Department of Architecture, 2010.
- Sogol Moezzi. Critical Look to Double Skin Facade Systems, Master of Science in Architecture, Eastern Mediterranean University, Department of Architecture, 2019.

- **Supervised Ph.D thesis**
- Hardi Khairullah Abdullah, Window design and natural ventilation relationship in terms of reducing carbon dioxide and improving thermal comfort. Doctor of Philosophy in Architecture, 2021.
- Reihaneh Aram, Thermal performance of the atrium building in hot and humid climate. Doctor of Philosophy in Architecture, 2020.

- **Award**

  Architecture Foundation Award, Building Construction, 1. Prize, 2005.

- **Reviewer assisgnments**

  Journal of Building Engineering. 95 completed reviewer assingment. (2017-2022) Q1-Science Citation Index Expanded.

  Energy and Buildings. 60 completed reviewer assingment. (2016-2022) Q1-Science Citation Index Expanded.

  Indoor and Built Environment. 6 completed assignment. (2020-2022) Q2-Science Citation Index Expanded.

  Sustainability. 4 completed assignment. (2021-2022) Q2-Science Citation Index Expanded.

  Energy Efficiency. 2 completed assignment. (2017-2018) Q3-Social Sciences Citation Index.

  Intelligent Buildings International . 1 completed assignment. (2021) Q3-Emerging Sources Sciences Index.

  Landscape and Ecological Engineering. 1 completed assignemnt. (2018) – Q3-Science Citation Index Expanded.

  International Journal of Ambient Energy. 3 completed assignment. (2021) – Emerging Sources Sciences Index.

Energies. 2 completed assignment. (2021-2022)- Q3-Science Citation Index Expanded.

Journal of Asian Architecture and Building Engineering. 2 completed assignmnent. (2021-2022)-Q4-Arts & Humanities Citation Index.

Journal of Building Physics. 1 completed assignment. (2018)- Q2-Social Citation Index Expanded.

Open House Inernational. 1 completed assigment. (2021)-Q4- Social Sciences Citation Index.

- **Acoustic projects (University Service)**
  Iskele Maarif Primary School, Acoustical project, 2014.

  EMU- Student Reqistration Building, Acoustical project, 2014.

Lectures 2026 Fall-Spring and 2027 Fall

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
2026-2027	İlkbahar	Arch 244 - Architectural Construction and Materials – II - Group 1	2	2	15
		Arch 244 - Architectural Construction and Materials – II - Group 2	2	2	14
		Arch 246 - Energy and Environmental Issues in Design.	3	0	14
		Arch 342 – Working Drawing - Group 1	2	2	15
		Arch 347 - Architectural Construction and Materials – II - Group 2	2	2	16
		MARCH541-Integrated Systems in Architecture	2	2	3
2025-2026	İlkbahar	Arch 244 - Architectural Construction and Materials – II	2	2	22
		Arch 246 - Energy and Environmental Issues in Design.	3	0	24
		Arch 342 – Working Drawing - Group 1	2	2	13
		Arch 347 - Architectural Construction and Materials – II - Group 2	2	2	23
		Arch390-Summer Pratice-III	-	-	52
		MARCH541-Integrated Systems in Architecture	2	2	3
	Güz	Arch 244 - Architectural Construction and Materials – II/Gr.01	2	2	13
		Arch 244 - Architectural Construction and Materials – II/Gr.02	2	2	22
		Arch 246 - Energy and Environmental Issues in Design.	3	0	32
		Arch 342 – Working Drawing – Gr.1	2	2	22
		Arch 342 – Working Drawing – Gr.2	2	2	23
		Arch390-Summer Pratice-III	-	-	69
		MARCH541-Integrated Systems in Architecture	2	2	2

		MARCH 594-Legal and Managerial Aspects of Architectural Practice	**2**	**2**	**2**