

Dr. Huseyin Onder ALDEMIR

Assistant Professor

Fields of Interest

- Unmanned Aircraft Systems
- Urban Air Mobility
- Airline Management
- Strategic Management & Competition Strategies
- Safety Management Systems
- Airline Marketing
- Airport and Operations
- Airline Business Models

Education

- Anadolu University : Civil Aviation Management (PhD) / 2018
(*A Research on Competitive Strategies of Private Airlines Operating in Turkey*)
- The Pennsylvania State University : Mechanical Engineering (M.S.) / 2005
(*Implementation of a Free Stream Turbulence Model for Calculation of Heat Transfer and Momentum Transport in a Flat Plate Turbulent Boundary Layer Using Fluent Code*)
- Army School : Systems Engineering (B.S.) / 2000 (Honor Graduate)
- Kuleli Military High School : 1996 (Honor Graduate)

Languages

- Turkish – mother tongue
- English – C2, very good (MS in English, teaching in English)
- Russian – B1
- Spanish – B1

Academic Experience

- Ozyegin University, Faculty of Aviation and Aeronautical Sciences, *Asst. Professor*, (2019-...)

Administrative Positions

- Ozyegin University, *Member of the Faculty Committee* (2020-...)
- Ozyegin University, *Representative of FAAS in University Academic Staff Working Commission* (2020-...)
- Ozyegin University, *External Auditor of Safety and Compliance Monitoring Management* (2021-...)
- Ozyegin University, *Member of the Discipline Committee* (2021-...)

Professional Experience

- Baykar Makine A.S., *Unmanned Aircraft System Test and Instructor Pilot*, (2015 March-2015 November)
- Center of Excellence-Defense Against Terrorism-NATO, *Acting Chief of Operations & Execution, R&D Officer, Operations and Execution Project Officer, International Relations Analysis Officer*, (2012-2015)
- Intelligence School of Turkish Armed Forces, *Unmanned Aircraft System Pilot Instructor*, (2011-2012)

- Unmanned Aircraft System Base of Army, *Unmanned Aircraft System Pilot and Base Pilot Instructor*, (2008-2011)
- Miscellaneous Units of Armed Forces, *Signal Platoon Commander, Artillery Battery Officer, Artillery Battery Commander*, (2000-2008)

Certificates/ Courses

- ISO 9001: 2015 Quality Management System Standards Course, British Standards Institution (BSI), 2020.
- ISO 9001: 2015 Quality Management System Internal Auditor Course, British Standards Institution (BSI), 2020.
- EASA Flight Crew Licensing (PART FCL), EASA, 2020.
- Safety Management Systems, EASA, 2020.
- Air Transport and Regional Development (ATARD) Summer School, Poznan University of Economics and Business, Poznan, POLAND, 2018.
- Air Transport and Regional Development (ATARD) Winter School, University of Bergamo, ITALY, 2017.
- Teaching in Excellence Certificate, Schreyer Institute, PA, USA
- UAV Internal Pilot Certificate, Aeronautics Company, ISRAEL
- Adult Education Certificate, Ministry of National Education, TURKEY
- Critical Energy Infrastructure Protection Workshop, NATO Center of Excellence-Defence Against Terrorism (COEDAT), TURKEY
- Weapons of Mass Destruction Workshop, COEDAT, TURKEY
- Air Oriented Terrorism Workshop, COEDAT, TURKEY
- Instructor in “Border Security and Control Course”, Partnership for Peace (PfP) Training Center, TURKEY

Publications

A. International Journals

- (Accepted) Aldemir, H.Ö. and Şengür, F. (2022). “How Airline Managers Assess Their Competitive Positions: A Case Study in Turkey”. *Journal of Global Business Insights*
- Aldemir, H. Ö, & Üçler, Ç. (2022). “Airspace deregulation for UAM: Self-organizing VTOLs in metropolises”. *Collegiate Aviation Review International*, 40(1), 40-62.
- Aldemir, H. Ö, Şengür, F., and Ulukan, İ.C. (2021). “Exploring Strategic Choices of Airlines: A Study in Turkish Air Transport Industry”. *Asian Academy of Management Journal*, 26(2), 1-26. <https://doi.org/10.21315/aamj2021.26.2.1>
- Aldemir, H. O. (2018).” Analysis of Competition Approach of Charter Airlines in Turkey According to The Miles and Snow’s Competitive Typology”. *Journal of Transportation and Logistics*, Volume 3, Issue 2, 53-62. DOI: 10.26650/JTL.2018.03.02.01
- Aldemir, H.Ö and Şengür, F. (2018). “Analyzing Postgraduate Theses Written on Airline Competition in Turkey”. *Journal of Aviation*, Volume 2, Issue 2, 141-155. DOI: 10.30518/jav.441314
- Aldemir, H.Ö. and Şengür, F. (2017). “Academic Foundations of Air Transportation Research in an Emerging Country: A Bibliometric Analysis”. *International Journal of Aviation Systems, Operations and Training (IJASOT)*, Volume 4, Issue 1, 15-27. DOI: 10.4018/IJASOT.2017010102

B. International Proceedings/Conferences

- Ersoz, C., Kilic, S., and Aldemir, H. O. (2022). “Exploring Turkey’s Airport Network Structure: A Complex Network Approach”. 6th International New York Conference On Evolving Trends in Interdisciplinary Research & Practices, Manhattan, New York City, April 3-5, 2022.
- Aldemir, H. Ö. (2021). “Do Airline Executives Benefit SWOT Analysis in Strategy Formulation?”. 2nd International Conference on Business & Commerce- ICBC, Lahore, Pakistan, 26-27 November 2021.
- Aldemir, H. Ö, Şengür, F., and Ulukan, İ.C., “Competitive approaches of scheduled airlines operating in Turkey”. 23rd Air Transport Research Society (ATRS) World Conference, Amsterdam, The Netherlands, 2-5 July 2019.
- Aldemir, H.Ö. and Şengür, F., “Analysis of Postgraduate Theses Written on Airlines in Turkey: 1982-2014”, 2nd Cyprus International Congress of Education Research, Kyrenia, North Cyprus, December 3-6, 2015.
- Aldemir, H.Ö. and Yavuzkurt, S., “Implementation of a Free Stream Turbulence Diffusion Model in FLUENT Code for Calculation of Heat and Momentum Transport in a Flat Plate Boundary Layer”, ASME Turbo Expo 2006: Power for Land, Sea, and Air, Volume 3: Heat Transfer, Parts A and B, Barcelona, Spain, May 8–11, 2006.
- Aldemir, H.Ö. and Yavuzkurt, S., “Prediction of Heat Transfer and Momentum Transport in Boundary Layers under High Free Stream Turbulence Using k-ε Models and Effects of Initial Profiles”, 3rd Ankara International Aerospace Conference, Ankara, Turkey, August 22-25, 2005