

## Dr. HATİCE KÜÇÜKÖNAL

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### Research areas

- Airport Operations,
- Aviation Security,
- Airport Planning and Management
- Sustainability in Aviation,
- Emerging technologies in aviation

### Education

- Anadolu University : Aviation Management (PhD) / 2001
- Anadolu University : Aviation Management (MA) / 1998
- Bilkent University : TEFL (MA) /1989
- Anadolu University : TEFL (BA) / 1983

### Academic Experience

- Ozyegin University, Faculty of Aviation and Aeronautical Sciences, *Asst. Professor*, (2011-...)
- Anadolu University, School of Aviation, *Asst. Professor* (2001-2008)

### Administrative Positions

- Ozyegin University, Faculty of Aviation and Aeronautical Sciences, **Vice-Dean** (2016-2023)
- Ozyegin University, School of Aviation, **Director** (2011-2016)
- Ozyegin University, FAAS, **Department Chair**: Aviation Management (2012-2023)
- Ozyegin University, **Accountable Manager**, Approved Training Organization (ATO) (2012-2023)
- Ozyegin University, **Director** of TEA Test center -ICAO Level English Proficiency Tests for Pilots (2014-2019)
- Ozyegin University, Member of **Curriculum Committee** (2012-2023)
- Ozyegin University, **Head of Curriculum Committee: Aviation Management** (2012-.....)
- Ozyegin University, School of Aviation and FAAS, **Member of the Board of the Faculty** (2011-...)
- Ozyegin University, **Member of Academic Evaluations and Quality Development Board** (2015-2023)

- Ozyegin University, **Member of Accreditation Assessment Committee** (2017- .....)
- Ozyegin University, FAAS, **Chair of the Faculty Advisory Board** (2019-2023)
- Ozyegin University, FAAS, **Chair of Accrediation Committee: Aviation Management** (2017-.....)
- Ozyegin University, FAAS, **Chair of Accrediation Committee: FAAS** (2017-2023)
- Ozyegin University, **Member of University Senate** (2011-.....)
- Anadolu University, School of Aviation, **Vice-Director** (2003-2008)

## **Publications**

### **A. International Journals**

- Havle, C. A., and Küçükönel, H. (2025) **A Group Decision-making Based Spherical Fuzzy MCDM Approach for Smart Airports. Procedia Computer Science. 274 (2025) 522–533**
- Yanıkoglu O., Kılıç S. and Küçükönel H. (2020) **Gender in the cockpit: Challenges faced by female airline pilots. Journal of Air Transport Management. 86 (2020) 101823.**
- Kucukonal, H., Sedefoglu, G. ( 2017) **The Causality Analysis of Air Transport and Socio-economics Factors: The Case of OECD Countries. Transportation Research Procedia. 28 (2017) 16–26.**
- Bowen, E., Bertoline, G., and Kucukonal, H. (2013) **Global Technology Leadership: A case for innovative education praxis. Procedia: Social and Behavioral Sciences, vol. 75, pp. 163-171.**
- Bowen, B., Headley, D., and Kucukonal, H. (2013) **An Innovative Leadership Effectiveness Measure: Applied analytic indicators of high-consequence industry performance. Procedia: Social and Behavioral Sciences, vol. 75, pp. 209-216.**

### **B. International Conferences / Proceedings**

- Havle, C. A., Küçükönel, H. (2025) **24th International Conference on Modelling and Applied Simulation (MAS 2025), held within the 22nd International Multidisciplinary Modeling & Simulation Multiconference. A Group Decision-Making-Based Spherical Fuzzy MCDM Approach for Smart Airports. Fez, Moracco.( 2025 September)**
- Kılıç, S., Küçükönel, H. (2024) **IX. Iberoamerican Air Transportation Research Society International Congress. The Evolution of Airport Sustainability Research: A Bibliometric Analysis. Lizboa, Portugal.Proceeding: IX. RIDITA July 2024.pp. 323-331.**
- Peksatici, Ö., Küçükönel, H. (2018) **ATRS 2018 World Conference. Impact of Istanbul New Airport on Turkish Carriers' Strategies, Korea ( 2018 July)**
- Adiloğlu L.,Yalçınkaya, A., Küçükönel, H. (2014) **ATRS 2014 World Conference. The Evolution Of Turkish Airlines' Business Model: From Traditional to Aviation Business. Bordeaux, France ( 2014, June)**

- Küçükönel, H., Oktal H., Adiloğlu, L. (2013) **ATRS 2013 World Conference. Airport Network in Turkey: How to increase its efficiency.** Bergamo, Italy. (2013, June)
- Bowen, B., Headley, D., and Küçükönel, H. (2012) **2nd International Conference on leadership, technology and Innovation management. An Innovative Leadership Effectiveness Measure: Applied Analytic Indicators of High-consequence Industry performance.** Beykent University.
- Bowen, E., Bertoline, G., and Küçükönel, H. (2012) **2nd International Conference on Leadership, Technology and Innovation Management. Global Technology Leadership: A case for innovative education praxis.** Beykent University, Istanbul Turkey.
- Hartigh, E., Küçükönel, H., and Bas Verheij, (2012) **Air Transport and Operations Symposium (ATOS) "The Turkish Aviation System and Strategy of Turkish Airlines",** Delft, The Netherlands, (2012 June)
- Durmaz, V., Banar, M., Ozen, M., Küçükönel, H. (2008) **Global Business and Technology Association GBATA 2008 International Conference, Evolution and Revolution in the Global Knowledge Economy: Enhancing Innovation and Competitiveness Worldwide. "Evaluation of Environmental Effects of Airport Operations: The Case of Turkey",** Madrid-Spain, July 8-12 2008.
- Oktal ,H., Kucukonal, H. & Korul, V. (2006). **The 2nd International Conference on Business, Management and Economics. "Social and Economic Impact of Air Transportation: General Review,** İzmir, June 2006.
- Oktal, H., and Kucukonal, H. ( 2004). **1st International Symposium on Eskişehir Throughout History: Political, Economic, Social and Cultural Aspects. "Economic Contribution of Opening Anadolu Airport to Domestic and International Flights to Eskişehir".** Anadolu University, Eskisehir, May 2004.

#### C. Book Chapters

- Yanıkoğlu, Ö., Kılıç, Sena & Küçükönel, H. ( 2023) **Women in Aviation: Management, Talent and Empowerment During Crisis Era.** pp.13-28 Edited by Nor Aida Abdul Rahman & Nurhayati Mohd Nur. Springer Publishing. ISBN 978-981-99-3097-5/ ISBN 978-981-99-3098-2 (eBook)
- Battal, Ü., Kiracı, K., Küçükönel, H., and others (2018) **Hava Taşımacılığı Yönetimi.** pp. 49-68 Edited by Battal, Ü. Turkey: Nisan Publishing. ISBN: 978-605-9393-61-4

#### D. National Journals

- Oktal, H., Küçükönel, H. (2007), **"Dünyada Bölgesel Hava Taşımacılığı ve Türkiye'de Uygulanabilirliği",** Anadolu Üniversitesi Sosyal Bilimler Dergisi, Cilt: 7, Sayı: 2, ss.383-394.
- Korul, V., Küçükönel, H. (2003). **" Türk Sivil Havacılık Sisteminin Yapısal Analizi".** Ege Akademik Bakış Dergisi, Cilt: 3, Sayı: 1-2, ss. 25-38.
- Küçükönel, H., Korul, V. (2002). **"Havayolu İşletmelerinde İnsan Kaynakları Yönetimi".** Afyon Kocatepe Üniversitesi Sosyal Bilimler Dergisi, , Sayı: IV, ss. 67-90.

#### E. National Conferences/ Proceedings

- Küçükönel, H. (2013) Havacılık Hukuku Semineri. "Havacılık Sektörüne Genel Bakış". Özyeğin Üniversitesi Hukuk Fakültesi. Mart 2013.
- Gün, D., Küçükönel, H. (2006) HaSeM'06 Kayseri VI. Havacılık Sempozyumu. "Lojistik Yönetiminde Hava Kargonun Önemi". 666-669, 12-14 Mayıs 2006.
- Küçükönel, H., Gün, D. (2006) HaSeM'06 Kayseri VI. Havacılık Sempozyumu. "Internet ve Elektronik Ticaretin Havayolu İşletmelerine Olan Etkileri". 229-233,12-14 Mayıs 2006.
- Korul, V., Küçükönel, H., Özen, M. ve Banar, M. (2006) HaSeM'06 Kayseri VI. Havacılık Sempozyumu. "Havaalanı Faaliyetlerinin Çevresel Etkileri İle İlgili Uluslararası Organizasyonların Değerlendirilmesi". 470-474, 12-14 Mayıs 2006.
- Battal, Ü., Küçükönel, H. ve Oktal, H. (2006) HaSeM'06 Kayseri VI. Havacılık Sempozyumu. "Bölgesel Havaalanlarına Bir Örnek: Eskişehir Anadolu Üniversitesi Uluslararası Havaalanı". 93-97, 12-14 Mayıs 2006.
- Gün, D., Küçükönel, H. (2004) Kayseri V. Havacılık Sempozyumu. "Havayolu İşletmelerinde Müşteri ve Müşteri Değeri Yaratma Kavramına Fonksiyonel Bir Yaklaşım". 340-344, 13-14 Mayıs 2004.
- Kıran, A., Küçükönel, H. (2004) Kayseri V. Havacılık Sempozyumu. "Havaaracı Bakım Kuruluşlarında Toplam Kalite Yönetimi Uygulamalarının Değerlendirilmesi", 322-326, 13-14 Mayıs 2004.
- Küçükönel, H., Kıran, A. (2004) Kayseri V. Havacılık Sempozyumu. "Türkiye'de Havaaracı Bakımına Genel Bakış". 319-321, 13-14 Mayıs 2004.
- Küçükönel, H. (2003) International Air Carrier Association Committee on ATM and Flight Operations Documentatation Pack. "Academic Studies on Civil Aviation in Turkey". Antalya, Sep. 15-17, 2003.
- Küçükönel, H. (2002) Erciyes Üniversitesi IV. Uluslararası Katılımlı Havacılık Sempozyumu. "Havaalanı Güvenliği". Kayseri, 13-15 Mayıs 2002, ss. 423-428.
- Öç, M., Küçükönel, H. (2000) Erciyes Üniversitesi III. Havacılık Sempozyumu. "Havaalanı Yolcu Terminal Kapasitesi ve Adnan Menderes Havaalanı Dış Hatlar Terminali Kapasite Analizi". Kayseri, Mayıs 2000.

## F. Others

### Projects

- "Eskişehir ve Çevre İllerinde Havayolu Yolcu Talebini Yaratacak Faktörlerin Analizi", SOBAG-105K095 No'lu Araştırma Projesi. TÜBİTAK, 2007
- "Türkiye'de Uluslararası Trafiğe Açık Havaalanlarında ISO 14001 Çevre Yönetim Sistemi Uygulamalarının Analizi", Anadolu Üniversitesi Bilimsel Araştırma Projeleri kapsamında desteklenmiştir. Proje No:051521, 2008

### Project Review

- **TUBİTAK: 7 different projects (2209 A)** February 2023
- **TUBİTAK: one project (2214 A)** August 2023

#### Refereeing for Scholarly and Professional Journals

- **2025 September: Aeronautics & Aerospace Open Access Journal**  
Title of the Article: Tensions between preventive investigation and criminalization of air accidents: an analysis of the VARIG RG 254 case in Brazilian commercial aviation.
- **2024 August: Boğaziçi University Journal of Education**  
Title of the Article: Universal Knowledge, Education Methodologies and Learning in Aviation
- **2022 October: Horizon Research Publishing**  
Title of the Article: Influence of Corporate Governance Structure, Corporate Posture, Board Qualifications & Experience, Sustainability Reporting Regulations on Sustainability Reporting Disclosure, Firm value
- **2021 July: Universal Journal of Management**  
Title of the Article: Statistical Analysis on Logistics Services upon 'Tangibility' among Customers
- **2020 December: Universal Journal of Management**  
Title of the Article: Analyzing and Implementation of Knowledge Alliance in Air Transport in Slovak Republic
- **2019 November: Universal Journal of Management**  
Title of the Article: Runway Simulation to Optimize Runway Capacity in Juanda International Airport
- **2018 December. Journal of Aviation**  
Title of the article: Implemented Strategies related with Fleet Planning Concept in Airlines and The Examination of Three-Stage Planning Model
- **2018 January. Celal Bayar University Journal of Science.**  
Title of the article: Reducing Operational Fuel Costs of Airlines: A Model for Monitoring and Managing Fuel Consumption Using Unified Modeling Language.
- **2015 February. International Journal of Aviation Management.**  
Title of the Article: Employees' job satisfaction: A case study on Biju Patnaik International Airport, Bhubaneswar.
- **2014, December. Journal of Aviation Technology and Engineering.**  
Title of the article: The Effects of Aircraft Certification Rules on General Aviation Accidents.
- **2013 July, International Journal of Aviation Management.**

Title of the Article: Human factors in Civil Aviation Security Services: The necessity for standardization.

#### **Refereeing for Scholarly and Professional Books**

- **2023 October, Emerald Publishing.**

Title of the book: Sustainable Supply Chain Management in Asia.

#### **Editorship and Editorial Boards/ Reviewer of Scholarly Journals**

- Reviewer. **UNIVERSAL JOURNAL OF MANAGEMENT**. 2019 June- present
- Editorial Board Member. **JOURNAL OF AVIATION TECHNOLOGY AND ENGINEERING (JATE)** 2012, November – present.
- Editorial Board Member: **JOURNAL OF AVIATION RESEARCH (JAR)** 2019 July-present
- Editorial Board Member: **AERONAUTICS AND AEROSPACE (AAOAJ)** 2023 January-present

#### **Services for the Community/Society**

- **Member of Civil Aviation Committee:** Appointed by the president of YOK (Higher Education Council) (2012-2018)
- Civil Aviation Committee, **Member of Education Development Committee** (2012-2018)
- Civil Aviation Committee, **Head of Flight Training Working Committee** (2013 –2018)
- Aviation Accreditation Board International (AABI), **Member** (2011-present)
- Aviation Accreditation Board International (AABI), **Member of Board of Trustees** (2020-present)
- Aviation Accreditation Board International (AABI), **Visiting Team Member** (2021-present)
- Aviation Accreditation Board International (AABI), **Member of Criteria Committee** (2025-present)
- BLUESKY International Aviation Award Organization: **Member of the Jury-** 2023

#### **Awards**

- **Özyeğin University Rector Special Award- January 2024**
- **International BLUESKY Jury Member Award - December 2023**
- **AABI Chairperson's Award-July 2022**

#### **Teaching**

- Aviation Security (Undergraduate)
- Airport & Operations (Undergraduate)