Çağlar Utku GÜLER, Ph.D.

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**PERSONAL**

|  |  |
| --- | --- |
| Date of Birth | 1980 |
| **Place of Birth** | Ankara |

# EDUCATION

|  |  |
| --- | --- |
| 2011-2016 | National Defense University, Hezarfen Aeronautics and Space Technologies Institute (ASTIN, Ph.D. |
| 2007-2009 | The United States Air University, Air Force Institute of Technology (AFIT), M.S. |
| 1999-2003 | Turkish Air Force Academy, B.S.  |

# ACADEMIC POSITIONS

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| --- | --- |
| February/2017 - Present | Part Time Instructor, Lecturer Doctor, Department of Industrial EngineeringAtilim University, Türkiye |
| October/2024 - Present | Part Time Instructor, Lecturer Doctor, Department of Operations ResearchNational Defense University, Türkiye |
| June/2022August/2022 | Part Time Instructor, Lecturer Doctor, Department of Industrial Engineering, TED University, Türkiye |

**ADMINISTRATIVE DUTIES**

|  |  |
| --- | --- |
|  | None |

**RESEARCH INTERESTS**

|  |  |
| --- | --- |
| 1 | Inventory Management |
| **2** | Supply Chain Management |
| **3** | Logistics Information Systems |
| **4** | Enterprise Resource Planning |
| **5** | Production Systems |
| **6** | Forecasting |

**PUBLICATIONS (International Selected)**

|  |  |
| --- | --- |
| **4** | Guler, Caglar U., and Ermis, M., “OR/MS Studies On Post-Disaster Stage Relief Item Logistics: Complementary Review”, Journal of Aeronautics and Space Technologies, January 2017, Vol 10, Issue 1, p.1-20. |
| **3** | Guler, Caglar U. “Featured Research on Industrial Engineering”, Industrial Engineer Magazine, September 2012. |
| **2** | Guler, Caglar U., Johnson, Alan W., and Cooper M., “Case Study: Energy Industry Economic Impacts from Ohio River Transportation Disruption”, The Engineering Economist, Taylor & Francis, Vol.57, Issue 2, p.77-100, 2012 |
| **1** | Guler, Caglar U. “Material Requirements Planning in Turkish Air Force”, Journal of Aeronautics and Space Technologies, Vol. 5 Issue 3, p.35-45, 2012 |

**PROJECTS (Selected)**

|  |  |
| --- | --- |
| 4 | REMO-3 Re-organization and Modernization Project, 2020 |
| 3 | Haberci (Messenger) Unmanned Aircraft Design, 2003 |
| 2 | The Eastern Turkistan and the Rising Danger of China, 2003 |
| **1** | Time Management in Organizations and Implementation on Kahramanmaraş Textile Industry, 2002 |

**INTERNATIONAL/NATIONAL BOOKS and CHAPTERS**

|  |  |
| --- | --- |
| 4 | Guler, Caglar U. “Practical Applications in Needs Assessment and Order Planning Methods for Material Planning Professionals - MS Excel Applied Illustrations” (Under Preparation), 2024 |
| **3** | Guler, Caglar U., “REMO-3 Re-organization and Modernization Project Outcomes in Turkish Air Force”, Turkish Air Force, August 2020, Ankara, TÜRKİYE |
| **2** | Guler, Caglar U., “Manual for the Material Requirements Planning (MRP) in Turkish Air Force”, Turkish Air Force, August 2013, Ankara, TÜRKİYE. |
| **1** | Güler, Çağlar U., European Air Force Academies (EUAFA) Essay Contest Paper, “What Can Be the Role of Air Power in The Future?”, published in EUAFA Essay Contest Book, 2002. |

# CONFERENCE PRESENTATIONS (Selected)

|  |  |
| --- | --- |
| **10** | Guler, Caglar U. “AI in Logistics Systems”, “Forecasting Methods”, “Ordering Algorithms under time Varying Demand”, NATO ACT 667 – Staff Officer Logistic Orientation”, BIOEM Command, March 21 – April 1, 2022, Ankara, TÜRKİYE |
| **9** | Guler, Caglar U. and Ermis, Murat, “Multi-Periodicity Application on the Disaster Management Transportation Planning Two-Stage Stochastic Programming Model (Afet Yönetimi Ulaştırma Planlaması İki Seviyeli Stokastik Programlama Modelinde Çok Periyotluluk)”, The 37th National Operations Research and Industrial Engineering Congress, July 5-7, 2017, Yildiz Technical University, Istanbul, TÜRKİYE |
| **8** | Guler, Caglar U. and Ermis, Murat, “Dynamic Debris Cleaning Approach Implementation of Two-Stage Stochastic Programming of Disaster Management Transportation Planning”, The 36th National Operations Research and Industrial Engineering Congress, July 13-15, 2016, İzmir, TÜRKİYE |
| **7** | Toydaş, Murat., and Guler, Caglar U., “Belirlenmiş Sistem İdame İşletme İhtiyaçlarının Önceliklendirmesinin Analitik Hiyerarşi Prosesi ve 0-1 Sırt Çantası Problemi Olarak Ele Alınarak Dinamik Tabu Arama Algoritması ile Çözümü”, The 36th National Operations Research and Industrial Engineering Congress, July 13-15, 2016, İzmir, TÜRKİYE |
| **6** | Guler, Caglar U., “Beer Game – Online Logistics Simulation”, Turkish Air Technical Academy, Izmir, TÜRKİYE, 2016 |
| **5** | Guler, Caglar U., “Beer Game – Online Logistics Simulation”, Turkish Air Technical Academy, Supply Workshop, Moderator and Presenter, Izmir, TÜRKİYE, 2016 |
| **4** | Guler, Caglar U., and Ermis, “Service Level Implementation of Two-Stage Stochastic Programming of Disaster Management Transportation Planning”, The 35th National Operations Research and Industrial Engineering Congress, September 9-11, 2015, Ankara, TÜRKİYE. |
| **3** | Guler, Caglar U., “Beer Game – Online Logistics Simulation Lectures”, Turkish Air Force Academy, Istanbul, TÜRKİYE, 2015 |
| **2** | Guler, Caglar U., “Beer Game – Online Logistics Simulation”, Air Logistics 2013 Quality Week, Panel Moderator and Presenter, Ankara, TÜRKİYE, 2013 |
| **1** | Johnson, Alan W., Miller, John O. and Guler, Caglar U., “Energy Industry Economic Impacts from Ohio River Transportation Disruption”, Industrial Engineering Research Conference, IERC 2010. June 5- June 9, 2010. Cancun, Mexico. |

**CITATIONS**

|  |  |
| --- | --- |
| Sum of times cited without self-citations (ISI Web of Science):  | 32 |
| H-index (ISI Web of Science):  | 3 |

**COURSES GIVEN**

|  |  |
| --- | --- |
| 1 | Engineering Cost Analysis, Operations Research I-II, Engineering Economy, Introduction to Statistics at Undergraduate level |
| **2** | Production Systems, Network Optimization at Graduate level  |

**THESES SUPERVISED**

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|  | None |