

## Res. Asst. PhD IRMAK HATIPOĞLU

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Akdeniz University, İİBF, İşletme, Turkey 2015 - 2021

Postgraduate, Manisa Celal Bayar University, İİBF, İşletme, Turkey 2012 - 2015

Undergraduate Double Major, Izmir University Of Economics, İİBF, Uluslararası Ticaret Ve Finans, Turkey 2007 - 2012

Undergraduate, Izmir University Of Economics, İİBF, Lojistik Yönetimi, Turkey 2007 - 2012

### Dissertations

Doctorate, Havacılık Sektöründe Uçuş Gecikmelerinin Makine Öğrenmesi Temelli Analizi ve Tahmini, Akdeniz University, Institute of Social Sciences, İşletme, 2021

Postgraduate, Kalite Fonksiyon Göçerimi Yaklaşımı İle Müşteri Memnuniyetinin Analizi: Üçüncü Parti Lojistik Hizmet Sağlayıcılarında Deneysel Bir Uygulama, Manisa Celal Bayar University, Sosyal Bilimler Enst., İşletme, 2015

### Research Areas

Social Sciences and Humanities, Management, Logistics Management

### Academic Titles / Tasks

Research Assistant PhD, Akdeniz University, Faculty of Applied Sciences, Department of International Trade and Logistics, 2014 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- Predictive Modeling of Flight Delays at an Airport Using Machine Learning Methods**  
Hatipoğlu I., Tosun Ö.  
Applied Sciences (Switzerland), vol.14, no.13, 2024 (SCI-Expanded)

### Articles Published in Other Journals

- Bibliometric analysis and trends on energy and sustainability in the field of transportation**

Hatipođlu I.

Journal of Intelligent Transportation Systems and Applications, vol.6, no.2, pp.344-352, 2023 (Peer-Reviewed Journal)

**II. FLIGHT DELAY PREDICTION BASED WITH MACHINE LEARNING**

Hatipoglu I., TOSUN Ö., Tosun N.

LOGFORUM, vol.18, no.1, pp.96-107, 2022 (ESCI)

**III. Üçüncü Parti Lojistik Sektöründe Depolama Faaliyetlerinin Stratejik Yönetimi: AHS ve KFG Yöntemlerinin Klasik ve Bulanık Yaklaşımlar Açısından Karşılaştırılması**

DALDIR I., Sofyalođlu Ç.

İŞLETME ARAŞTIRMALARI DERGİSİ, vol.11, no.2, pp.917-936, 2019 (Peer-Reviewed Journal)

**IV. Bulanık WASPAS ile Yeşil Tedarikçi Seçimi**

DALDIR I., TOSUN Ö.

ULUDAĞ ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ DERGİSİ, no.23, pp.193-208, 2018 (Peer-Reviewed Journal)

**V. COMPARISON OF THE PORT AUTHORITY'S EFFICIENCY IN TURKEY**

DALDIR I., TOSUN Ö.

Journal of Management, Marketing and Logistics, no.4, pp.152-158, 2017 (Peer-Reviewed Journal)

## Books

**I. Tedarik Zincirinde Yapay Zekâ ile Tahmin: Yöntemler ve Uygulamalar**

HATİPOĐLU I.

in: Sosyal, İktisadi, Beşeri ve Yönetim Alanları Perspektifinde Sorunlara Bakış 2, ASLAN ÖMER FARUK, Editor, Efe Akademi Yayınları, İstanbul, pp.175-186, 2024

**II. Performance Evaluation of Machine Learning Techniques on Flight Delay Prediction**

DALDIR I., TOSUN N., TOSUN Ö.

in: Trends in Data Engineering Methods for Intelligent Systems, Hemanth J., Yigit T., Patrut B., Angelopoulou A., Editor, Springer-Verlag, , pp.165-173, 2021

## Papers Published in Refereed Scientific Meetings

**I. PERFORMANCE EVALUATION OF MACHINE LEARNING TECHNIQUES ON FLIGHT DELAY PREDICTION**

DALDIR I., tosun n., TOSUN Ö.

International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2020, Antalya, Turkey, 9 - 11 October 2020, pp.1-9

**II. Flight Delay Prediction**

DALDIR I., tosun n., TOSUN Ö.

17th International Logistics and Supply Chain Congress, İstanbul, Turkey, 17 - 18 October 2019, pp.242-248

**III. Supplier Evaluation Using Machine Learning Techniques**

DALDIR I., tosun n., TOSUN Ö.

17th International Logistics and Supply Chain Congress, İstanbul, Turkey, 17 - 18 October 2019, pp.248-258

**IV. Supplier Selection Based on Artificial Neural Networks**

DALDIR I., tosun n., TOSUN Ö.

16th International Logistics and Supply Chain Congress, Denizli, Turkey, 18 - 20 October 2018, pp.32-38

**V. Bulanik Waspas İle Yeşil Tedarikçi Seçimi**

DALDIR I., TOSUN Ö.

7. Ulusal Lojistik ve Tedarik Zinciri Kongresi, Bursa, Turkey, 3 - 05 May 2018, pp.477-487

**VI. Comparison in Automotive Sector**

DALDIR I., TOSUN Ö.

The 15th International Logistics and Supply Chain Congress, İstanbul, Turkey, 19 - 20 October 2017

- VII. **Determining the Performance Criteria for Warehouse and Their Importance Sequence**  
DALDIR I., TOSUN Ö.  
The 15th International Logistics and Supply Chain Congress, İstanbul, Turkey, 19 - 20 October 2017
- VIII. **VERİ ZARFLAMA ANALİZİ TEKNİĞİ İLE TÜRKİYE'DEKİ KONTEYNER LİMANLARININ KARŞILAŞTIRILMASI**  
TOSUN Ö., DALDIR I.  
6. ulusal lojistik ve tedarik zinciri kongresi, Antalya, Turkey, 17 - 19 May 2017
- IX. **CONTAINER TERMINAL PRODUCTIVITY AND AN APPLICATION WITH OBJECTIVE MATRIX METHOD**  
DALDIR I., UYSAL F.  
XIII. International Logistics and Supply Chain Congress, İzmir, Turkey, 30 - 31 October 2015, pp.426-432
- X. **PURCHASING STRATEGIES AND AN IMPLEMENTATION IN MANUFACTURING COMPANY**  
DALDIR I., YAVUZ B.  
LM-SCM 2014-XII. International Logistics an Supply Chain Congress, İstanbul, Turkey, 30 - 31 October 2014, pp.805-816

## Supported Projects

TOSUN Ö., DALDIR I., Project Supported by Higher Education Institutions, Makine Öğrenmesi Tekniklerinin Performans Kıyaslaması, 2020 - 2022  
TOSUN Ö., DALDIR I., Project Supported by Higher Education Institutions, Makine Öğrenmesi Teknikleri ile Uçuş Gecikmelerinin Tahmin Edilmesi, 2019 - 2021

## Metrics

Publication: 20  
Citation (Scopus): 12  
H-Index (Scopus): 1

## Congress and Symposium Activities

17th International Logistics and Supply Chain Congress (LMSCM2019), Attendee, İstanbul, Turkey, 2019

## Scholarships

2211-E Doğrudan Yurt İçi Doktora Burs, TUBITAK, 2013 - 2018  
2210-A Genel Yurt İçi Yüksek Lisans Burs Programı, TUBITAK, 2013 - 2015