



# ÖMÜR TOSUN

## PROF.

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: B-9271-2016

ScopusID: 55010760800

Yoksis Researcher ID: 24746

### Education

Doctorate  
2007 - 2012

Akdeniz University, Institute of Social Sciences, İşletme / Üretim Yönetimi, Turkey

Postgraduate  
2002 - 2007

Akdeniz University, Institute of Social Sciences, İşletme / Üretim Yönetimi, Turkey

Undergraduate  
1998 - 2002

Dokuz Eylül University, Mühendislik Fakültesi, Endüstri Mühendisliği, Turkey

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Logistics, Tehlikeli Madde Güvenlik Danışmanlığı, Karacan, 2015

Quality Management, ISO14001:2004, OHSAS 18001, HACCP, CE, BEC Belgelendirme ve Muayene Hiz. Ltd. Şti. ve Akdeniz Üniversitesi (AKÜNSEM), 2006

Quality Management, ISO9000:2000 Genel Bilgilendirme, Dokümantasyon, Süreç Yönetimi, İç Tetkikçi, BEC Belgelendirme ve Muayene Hiz. Ltd. Şti. ve Akdeniz Üniversitesi (AKÜNSEM), 2006

Quality Management, Kalite Yönetim Sistemleri Uzmanı, BEC Belgelendirme ve Muayene Hiz. Ltd. Şti. ve Akdeniz Üniversitesi (AKÜNSEM), 2006

### Dissertations

Doctorate, Artificial Bee Colony Algorithm and Its Application on Permutation Flow Shop Scheduling problem, Akdeniz

University, Faculty of Economics and Administrative Sciences, İşletme, 2012

Postgraduate, Maintenance Planning and an Application, Akdeniz University, Faculty of Economics and Administrative Sciences, İşletme, 2007

## Academic Titles / Tasks

Professor 2025 - Continues	Akdeniz University, Faculty Of Economics And Administrative Sciences, Department Of Business
Associate Professor 2018 - 2025	Akdeniz University, Faculty Of Applied Sciences, Department Of Management Information Systems
Associate Professor 2016 - 2018	Akdeniz University, Faculty of Applied Sciences, Department of International Trade and Logistics
Assistant Professor 2013 - 2016	Akdeniz University, Faculty of Applied Sciences, Department of International Trade and Logistics
Research Assistant 2005 - 2012	Akdeniz University, Institute of Social Sciences, işletme

## Supported Projects

1. TOSUN Ö., DALDIR I., Project Supported by Higher Education Institutions, Makine Öğrenmesi Tekniklerinin Performans Kiyaslaması, 2020 - 2022
2. TOSUN Ö., DALDIR I., Project Supported by Higher Education Institutions, Makine Öğrenmesi Teknikleri ile Uçuş Gecikmelerinin Tahmin Edilmesi, 2019 - 2021
3. TOSUN Ö., UYSAL F., AKYÜZ G., Project Supported by Higher Education Institutions, A Fuzzy TODIM Approach for the Supplier Selection Problem, Selection of Sustainable Warehouse Location in Supply Chain Using the Grey Approach, 2015 - 2017
4. TOSUN Ö., Project Supported by Higher Education Institutions, Using artificial bee colony algorithm for permutation flow shop scheduling problem under makespan criterion, 2014 - 2016

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

1. **Predicting women's career decisiveness in the ICT sector: A serial multiple mediation model among MIS students**  
Akar N., Yörük T., Tosun Ö.  
PLOS ONE, vol.19, no.12, pp.1-26, 2024 (SCI-Expanded)
2. **Enhanced-TransUNet for ultrasound segmentation of thyroid nodules**  
ÖZCAN A., TOSUN Ö., Donmez E., Sanwal M.  
Biomedical Signal Processing and Control, vol.95, 2024 (SCI-Expanded)
3. **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)
4. **A Sequential Hybrid Optimization Algorithm (SHOA) to Solve the Hybrid Flow Shop Scheduling**

### **Problems to Minimize Carbon Footprint**

Geetha M., Chandra Guru Sekar R., Marichelvam M., Tosun Ö.  
Processes, vol.12, no.1, 2024 (SCI-Expanded)

5. **An improved particle swarm optimization algorithm to solve hybrid flowshop scheduling problems with the effect of human factors - A case study**  
MARICHELVAM M. K., GEETHA M., TOSUN Ö.  
COMPUTERS & OPERATIONS RESEARCH, vol.114, 2020 (SCI-Expanded)
6. **Hybrid monkey search algorithm for flow shop scheduling problem under makespan and total flow time**  
MARICHELVAM M., TOSUN Ö., GEETHA M.  
Applied Soft Computing Journal, vol.55, pp.82-92, 2017 (SCI-Expanded)
7. **A Fuzzy TODIM Approach for the Supplier Selection Problem**  
TOSUN Ö., AKYÜZ G.  
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.8, no.2, pp.317-329, 2015 (SCI-Expanded)

### **Articles Published in Other Journals**

1. **FLIGHT DELAY PREDICTION BASED WITH MACHINE LEARNING**  
Hatipoglu I., TOSUN Ö., Tosun N.  
LOGFORUM, vol.18, no.1, pp.96-107, 2022 (ESCI)
2. **Stock Price Forecasting Using Machine Learning Techniques**  
Koç Ustaı N., Tosun N., Tosun Ö.  
ESKİSEHIR OSMANGAZI UNIVERSİTESİ İİBF DERGİSİ-ESKİSEHIR OSMANGAZI UNIVERSITY JOURNAL OF ECONOMICS AND ADMINISTRATIVE SCIENCES, vol.16, no.1, pp.1-16, 2021 (ESCI)
3. **Solving transport mode selection problem with integrated best-worst and WASPAS methods**  
Arslanhan H., TOSUN Ö.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.27, no.1, pp.13-23, 2021 (ESCI)
4. **INVESTIGATION OF LOGISTIC PERFORMANCE OF G-20 COUNTRIES USING DATA ENVELOPMENT ANALYSIS AND MALMQUIST TOTAL FACTOR PRODUCTIVITY ANALYSIS**  
Koç Ustaı N., Tosun Ö.  
JOURNAL OF MEHMET AKİF ERSOY UNIVERSITY ECONOMICS AND ADMINISTRATIVE SCIENCES FACULTY, vol.7, no.3, pp.755-781, 2020 (ESCI)
5. **AYLIK KONUT SATIŞLARININ MODELLENMESİ VE ANTALYA ÖRNEĞİ**  
Yılmaz H., TOSUN Ö.  
Kafkas Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.11, no.21, pp.141-158, 2020 (Peer-Reviewed Journal)
6. **A literature review on hybrid flow shop scheduling**  
TOSUN Ö., Marichelvam M., tosun n.  
international journal of advanced operations management, no.12, pp.156-194, 2020 (Scopus)
7. **Performance Evaluation of Non-Life Insurance Companies with Best-Worst Method and TOPSIS**  
Akyüz G., Tosun Ö., Aka S.  
ULUSLARARASI YÖNETİM İKTİSAT VE İŞLETME DERGİSİ, vol.16, no.1, pp.108-125, 2020 (Peer-Reviewed Journal)
8. **Lojistikte Taşıma Modu Seçim Kararına Etki Eden Faktörlerin Analizi**  
ünlü d. b., TOSUN Ö.  
Kafkas Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, no.22, pp.531-551, 2018 (Peer-Reviewed Journal)
9. **Bulanık WASPAS ile Yeşil Tedarikçi Seçimi**  
DALDIR I., TOSUN Ö.  
ULUDAĞ ÜNİVERSİTESİ MÜHENDİSLİK FAKÜLTESİ DERGİSİ, no.23, pp.193-208, 2018 (Peer-Reviewed Journal)

10. **Multi criteria decision-making approach forevaluation of supplier performance with MACBETHmethod**  
Akyüz G., Tosun Ö., Aka S.  
international journal of information and decision sciences, no.10, pp.249-262, 2018 (Scopus)
11. **TEDARİKÇİ DEĞERLENDİRMEDE STOKASTİK BİR KARAR VERME YAKLAŞIMI: STOKASTİK ÇOK KRİTERLİ KABUL EDİLEBİLİRLİK ANALİZİ**  
TOSUN Ö.  
Verimlilik Dergisi, no.4, 2017 (Peer-Reviewed Journal)
12. **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)
13. **Using Macbeth Method for Technology Selection in Production Environment**  
TOSUN Ö.  
American Journal of Data Mining and Knowledge Discovery, no.2, pp.34-47, 2017 (Peer-Reviewed Journal)
14. **The use of artificial neural networks (ANN) in forecasting housing prices in Ankara, Turkey**  
KİTAPCI O., Tosun Ö., Tuna M. F., TURK T.  
Journal of Marketing and Consumer Behaviour in Emerging Markets, vol.5, no.1, pp.4-14, 2017 (Peer-Reviewed Journal)
15. **The Use of Artificial Neural Networks (ANN) in Forecasting Housing Prices in Ankara, Turkey**  
KİTAPCI O., TOSUN Ö., tuna m. f., türk t.  
Journal of Marketing and Consumer Behaviour in Emerging Markets, vol.5, no.1, pp.4-14, 2017 (Peer-Reviewed Journal)
16. **A multi criteria decision-making approach to evaluate automated storage and retrieval systems**  
TOSUN Ö., ERDOĞAN AKTAN H.  
International Journal of Applied Decision Sciences, vol.9, pp.182-195, 2016 (Scopus)
17. **Physical Distribution Flexibility in Logistics Systems and Its Impact on Productivity**  
TOSUN Ö., UYSAL F.  
journal of advanced management science, vol.4, no.1, pp.53-56, 2016 (Peer-Reviewed Journal)
18. **Performance Comparison of Cuckoo Search Algorithm to Solve the Hybrid Flow Shop Scheduling Benchmark Problems with Makespan Criterion**  
Marichelvam M. K., TOSUN Ö.  
INTERNATIONAL JOURNAL OF SWARM INTELLIGENCE RESEARCH, vol.7, no.2, pp.1-14, 2016 (ESCI)
19. **Hybrid bat algorithm for flow shop scheduling problems**  
TOSUN Ö., MARICHELVAM M.  
International Journal of Mathematics in Operational Research, vol.9, no.1, pp.125-138, 2016 (Scopus)
20. **Selection of Sustainable Warehouse Location in Supply Chain Using the Grey Approach**  
UYSAL F., TOSUN Ö.  
International Journal of Information and Decision Sciences, vol.6, no.-, pp.338-353, 2014 (Scopus)
21. **Multi Criteria Analysis of the Residential Properties in Antalya Using TODIM Method**  
UYSAL F., TOSUN Ö.  
Procedia - Social and Behavioral Sciences, vol.109, pp.322-326, 2014 (Scopus)
22. **Using artificial bee colony algorithm for permutation flow shop scheduling problem under makespan criterion**  
TOSUN Ö.  
International Journal of Mathematical Modelling and Numerical Optimisation, no.5, pp.191-209, 2014 (Scopus)
23. **An integrated fuzzy AHP-fuzzy TOPSIS approach for AS/RS selection**  
ERDOĞAN AKTAN H., TOSUN Ö.  
International journal of productivity and quality management, vol.11, no.2, pp.228-245, 2013 (Scopus)
24. **An Integrated Fuzzy AHP - Fuzzy TOPSIS Approach for AS/RS Selection**  
ERDOĞAN AKTAN H., TOSUN Ö.  
International Journal of Productivity and Quality Management, vol.11, pp.228-245, 2013 (Scopus)

25. **Fuzzy TOPSIS-based computerized maintenance management system selection**  
Uysal F., TOSUN Ö.  
Journal of Manufacturing Technology Management, vol.23, no.2, pp.212-228, 2012 (Scopus)
26. **Using Data Envelopment Analysis-Neural Network Model to Evaluate Hospital Efficiency**  
TOSUN Ö.  
International Journal of Productivity and Quality Management, no.9, pp.245-257, 2012 (Scopus)
27. **SSK Hastanelerinin Sağlık Bakanlığı'na Devrinin Hastane Verimlilikleri Üzerindeki Etkileri**  
TOSUN Ö., ERDOĞAN AKTAN H.  
TİSK Akademi, vol.10, 2010 (Peer-Reviewed Journal)
28. **Portföy Büyüklüğünün Portföy Riski Üzerine Etkileri: İMKB-30 Üzerinde Test Edilmesi**  
TOSUN Ö., ORUÇ ERDOĞAN E.  
Süleyman Demirel Üniversitesi İİBF Dergisi, vol.15, no.2, 2010 (Peer-Reviewed Journal)
29. **Preventive Maintenance Optimization Under Deterioration**  
TOSUN Ö., kuruüzüm o.  
Atatürk Üniversitesi İktisadi ve İdari Bilimler Dergisi, no.23, pp.125-134, 2009 (Peer-Reviewed Journal)

## Books

1. **Machine Breakdown Prediction with Machine Learning**  
ERDOĞAN H., TOSUN Ö., MARICHELVAM M. K.  
in: Trends in Data Engineering Methods for Intelligent Systems, Hemanth J., Yigit T., Patrut B., Angelopoulou A., Editor, Springer-Verlag , , pp.174-182, 2021
2. **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
3. **Flow Shop Scheduling By Nature-Inspired Algorithms**  
MARICHELVAM M. K., TOSUN Ö., GEETHA M.  
in: Nature-Inspired Computation in Navigation and Routing Problems, Yang X., Zhao Y., Editor, Springer-Verlag , Singapur, pp.103-126, 2020
4. **Multi-Criteria Decision Making in Manufacturing Systems: Identification of Critical Factors for Establishing a Smart Factory Using ISM and MICMAC Approach**  
ERDOĞAN AKTAN H., TOSUN Ö.  
in: Optimizing Big Data Management and Industrial Systems With Intelligent Techniques, Öner, S.C., Yüregir, O.H., Editor, Igi Global, Usa, pp.80-107, 2019
5. **Using Cuckoo Search Algorithm for Hybrid Flow Shop Scheduling Problems under Makespan Criterion**  
MARICHELVAM M. K., TOSUN Ö.  
in: Critical Developments and Applications of Swarm Intelligence, Yuhui Shi, Editor, İgi Global Publications, Pa, pp.379-400, 2018
6. **Cuckoo Search Algorithm**  
TOSUN Ö.  
in: Encyclopedia of Business Analytics and Optimization, Wang J, Editor, Igi Global Publications, Pennsylvania, pp.558-564, 2014
7. **Artificial Bee Colony Algorithm**  
TOSUN Ö.  
in: Encyclopedia of Business Analytics and Optimization, Wang J, Editor, Igi Global Publications, Pennsylvania, pp.179-192, 2014
8. **Üretim**  
TOSUN Ö.

## Papers Published in Refereed Scientific Meetings

1. **Predicting Ethereum Price with Machine Learning Algorithms**  
Birhan M., Tosun Ö.  
3rd International Conference on Artificial Intelligence and Applied Mathematics in Engineering (ICAIAME 2021), Antalya, Turkey, 1 - 03 October 2021, pp.1
2. **Fossil Energy Consumption Prediction Using Machine Learning for Sustainability**  
Erdoğan H., Akar N., Tosun Ö.  
4th Economics, Business and Organization Research (EBOR) Conference, 21 - 23 May 2021
3. **Fossil Energy Consumption Prediction Using Machine Learning for Sustainability**  
Erdoğan H., Akar N., Tosun Ö.  
4th Economics, Business and Organization Research (EBOR) Conference, Warszawa, Poland, 21 - 23 May 2021
4. **MACHINE BREAKDOWN PREDICTION WITH MACHINE LEARNING**  
ERDOĞAN H., TOSUN Ö., Marichelvam M. K.  
International Conference on Artificial Intelligence and Applied Mathematics in Engineering 2020, Antalya, Turkey, 9 - 11 October 2020, pp.1-9
5. **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
6. **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
7. **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
8. **Türkiye Mermer İhracat Değerinin Makine Öğrenmesi Algoritmaları ile Tahmin Edilmesi**  
tosun n., arslanhan h., TOSUN Ö.  
8. Ulusal Lojistik ve Tedarik Zinciri Kongresi, Niğde, Turkey, 25 - 27 April 2019
9. **Supplier Evaluation with Artificial Neural Network**  
DALDIR I., Tosun N., TOSUN Ö.  
16th International Logistics and Supply Chain Management Future Trends in Logistics and Supply Chain Management, Denizli, Turkey, 18 - 20 October 2018, pp.32-37
10. **Sürdürülebilir Lojistik Kapsamında Elektronik Atıkların Toplanması: Literatür Araştırması**  
MİŞHAL F. C., TOSUN Ö.  
7. Ulusal Lojistik ve Tedarik Zinciri Kongresi, Bursa, Turkey, 3 - 05 May 2018, pp.106-116
11. **Bulanık 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
12. **Using fuzzy WASPAS method to select sustainable and environmental friendly packaging alternatives**  
ERDOĞAN AKTAN H., TOSUN Ö., Marichelvam M. K.  
3rd International congress on 3D printing (additive manufacturing) technologies and digital industry 2018, Antalya, Turkey, 19 - 21 April 2018, pp.175-176
13. **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
14. **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

15. **Comparison in Automative Sector**

DALDIR I., TOSUN Ö.

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

16. **Ulaştırma Modu Seçimine Etki Eden Kriterlerin Belirlenmesinde İsm Ve Mıcmac Yaklaşımı**

ÜNLÜ D. B., TOSUN Ö.

4. International Multi-disciplinary congress of eurasia, Roma, Italy, 23 - 25 August 2017

17. **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

18. **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

19. **A STOCHASTIC DECISION MAKING APPROACH FOR AS/RS SELECTION PROBLEM**

TOSUN Ö., ERDOĞAN AKTAN H.

International Conference on Social Sciences and Education Research, Antalya, Turkey, 29 - 31 October 2015, pp.1

20. **PHYSICAL DISTRIBUTION FLEXIBILITY IN LOGISTICS SYSTEMS AND ITS IMPACT ON PRODUCTIVITY**

TOSUN Ö., UYSAL F.

2014 International Conference on Industrial Technology and Management (ICITM 2014), Paris, France, 17 - 18 September 2014, vol.-

21. **Multi criteria analysis of the residential properties in Antalya using TODIM method**

Uysal F., TOSUN Ö.

2nd World Conference on Business, Economics and Management (BEM), Antalya, Turkey, 25 - 28 April 2013, vol.109, pp.322-326

22. **Linking Green Supply Chain Management with Environmental Technologies and an Application of Technology Selection**

TOSUN Ö., UYSAL F.

3rd International Symposium on Sustainable Development, Bosnia And Herzegovina

23. **Selection of Sustainable Warehouse Location in Supply Chain Using the Grey Approach**

UYSAL F., TOSUN Ö.

3rd International Symposium on Sustainable Development, Bosnia And Herzegovina, 1 - 04 June 2012, pp.383-389

24. **Linking Green Supply Chain Management with Environmental Technologies and an Application of Technology Selection**

TOSUN Ö., UYSAL F.

3rd International Symposium on Sustainable Development, Bosnia And Herzegovina, 1 - 04 June 2012, pp.376-382

25. **Akış Tipi Çizelgeleme Probleminin Yapay Arı Kolonisi Algoritması ile Çözümü**

TOSUN Ö., kuruüzüm o.

YaEm 2011, Yöneylem Araştırması ve Endüstri Mühendisliği 31. Ulusal Kongresi, Sakarya, Turkey, 1 - 04 July 2011

26. **An approach of integrated logistics HMMS model under environment constraints and an application of time scale**

UYSAL F., TOSUN Ö., kuruüzüm o.

Research in Transport and Logistics, Turkey, 1 - 04 March 2009, pp.225-230

27. **Using DEA and Malmquist Index to Compare Hospital Productivity Changes in Antalya**

ERDOĞAN AKTAN H., TOSUN Ö.

International Conference on Social Sciences-Sobiad, Turkey, 1 - 04 August 2008, pp.169-182

28. **An Application of Artificial Intelligence Methods on an Emerging Market's Foreign Exchange Rates**

ÇETİN M. K., ER H., TOSUN Ö.

International Conference on Social Sciences-Sobiad, Turkey, 1 - 04 August 2008, pp.129-142

29. **Küresel Pazarlama Alanında Yapılan Araştırmalara İlişkin Bir Yazın Taraması**

ÖZ Ö., KAYA SAMUT P., TOSUN Ö.

International Symposium on Globalization, Democratization and Turkey Proceedings, Antalya, Turkey, 27 - 30 March 2008, pp.214-223

30. **Bir Tedarik Zinciri Yönetimi Yaklaşımı Olarak Ortaklaşa Planlama, Tahmin, Yenileme (OPTY) ve Bir Uygulama**

UYSAL F., TOSUN Ö., kuruüzüm o.

7.Ulusal Üretim Araştırmaları Sempozyumu, Ankara, Turkey, 1 - 04 December 2007

31. **Planning the Supply Chain and an Application of Pinch Analysis**

UYSAL F., kuruüzüm o., TOSUN Ö.

5.International Logistic&Supply Chain Congress, Turkey, 1 - 04 November 2007

## Academic and Administrative Experience

2015 - 2018	<b>Head of Department</b>	Akdeniz University, Ayşe Sak Uygulamalı Bilimler Yüksekokulu, Uluslararası Ticaret Ve Lojistik
2015 - 2018	<b>Head of Department</b>	Akdeniz University, Ayşe Sak Uygulamalı Bilimler Yüksekokulu, Uluslararası Ticaret Ve Lojistik
2014 - 2014	<b>Deputy Head of Department</b>	Akdeniz University, Uluslararası Ticaret Ve Lojistik

## Courses

### Doctorate

yapay zeka ve makine öğrenimi, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Zeki optimizasyon yöntemleri, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

### Postgraduate

büyük veri analizi, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

yapay zeka algoritmaları, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

yapay zeka algoritmaları, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

sosyal ağ analizi, Postgraduate, 2020 - 2021, 2019 - 2020

Lojistik Planlama ve Modelleme, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

### Undergraduate

bilgisayar tabanlı optimizasyon uygulamaları, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019

sistem analizi ve tasarımı, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

matematik, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Algoritma ve Programlamaya Giriş, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017

karar verme yöntemleri, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

## Supervised Theses

Tosun Ö., Predicting Airline Flight Delays with Machine Learning, Doctorate, ı.daldır(Student), 2021

Tosun Ö., COMPARISON OF LOGISTICS PERFORMANCE INDEX WITH DATA ENVELOPEMENT ANALYSIS AND MALMQUIST TOTAL FACTOR EFFICIENCY ANALYSIS METHODS: AN APPLICATION IN G-20 COUNTRIES, Postgraduate, N.Koç(Student), 2020

Tosun Ö., ANALYSING TRANSPORTATION MODE SELECTION PROBLEM WITH INTEGRATED MULTI-CRITERIA DECISION MAKING METHOD AND AN APPLICATION, Postgraduate, H.Arslanhan(Student), 2019



Tosun Ö., REMANUFACTURING PLANT SITE SELECTION AND AN APPLICATION WITHIN THE SCOPE OF SUSTAINABLE SUPPLY CHAIN, Postgraduate, E.Çakır(Student), 2019  
TOSUN Ö., SÜRDÜRÜLEBİLİR LOJİSTİK YÖNETİMİ KAPSAMINDA ELEKTRONİK ATIK TOPLAMA TESİSİ KURULUŞ YERİ SEÇİMİ, Postgraduate, F.Cansu(Student), 2019  
Tosun Ö., PREDICTION OF MONTHLY HOUSE SALES IN ANTALYA PROVINCE WITH MULTIPLE LINEAR REGRESSION ANALYSIS AND ARTIFICIAL NEURAL NETWORKS, Postgraduate, H.Yılmaz(Student), 2018  
Tosun Ö., ANALYSIS OF FACTORS AFFECTING TRANSPORT MODE SELECTION DECISION IN LOGISTICS, Postgraduate, D.Bilken(Student), 2017

### Activities in Scientific Journals

International Journal of Swarm Intelligence Research, Publication Committee Member, 2016 - Continues  
International Journal of Data Science, Publication Committee Member, 2013 - Continues  
International Journal of Business and Management , Publication Committee Member, 2013 - Continues

### Memberships / Tasks in Scientific Organizations

Türkiye Makine Mühendisleri Odası Birliği, Member, 2010 - Continues

### Peer Reviews in Scientific Publications

International Journal of Swarm Intelligence Research, Journal Indexed in ESCI, August 2021  
International Journal of Swarm Intelligence Research, Journal Indexed in ESCI, August 2021  
OPERATIONS MANAGEMENT RESEARCH, SCI Journal, August 2021  
International Journal of Swarm Intelligence Research, Journal Indexed in ESCI, July 2021  
OPERATIONS MANAGEMENT RESEARCH, SCI Journal, June 2021  
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, Journal Indexed in SCI-E, May 2021  
International Journal of Swarm Intelligence Research, Journal Indexed in ESCI, April 2021  
International Journal of Swarm Intelligence Research, Journal Indexed in ESCI, March 2021  
International Journal of Swarm Intelligence Research, Journal Indexed in ESCI, March 2021  
Annals Of Operations Research, SCI Journal, February 2021  
ANNALS OF OPERATIONS RESEARCH, SCI Journal, February 2021  
International Journal of Swarm Intelligence Research, Journal Indexed in ESCI, February 2021  
KNOWLEDGE-BASED SYSTEMS, SCI Journal, February 2021  
International Journal of Swarm Intelligence Research, Journal Indexed in ESCI, January 2021  
ANNALS OF OPERATIONS RESEARCH, SCI Journal, January 2021  
International Journal of Swarm Intelligence Research, Other Indexed Journal, December 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, November 2020  
International Journal of Computational Intelligence Systems, SCI Journal, November 2020  
International Journal of Computational Intelligence Systems, SCI Journal, November 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, October 2020  
knowledge-based systems, SCI Journal, September 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, September 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, September 2020  
International Journal of Artificial Intelligence and Machine Learning, Other Indexed Journal, September 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, July 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, July 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, July 2020

applied soft computing, SCI Journal, June 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, June 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, June 2020  
knowledge-based systems, SCI Journal, May 2020  
International Journal of Production Research, SCI Journal, April 2020  
applied soft computing, SCI Journal, March 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, March 2020  
International Journal of Production Research, SCI Journal, March 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, February 2020  
International Journal of Production Research, SCI Journal, February 2020  
International Journal of Production Research, SCI Journal, February 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, February 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, January 2020  
International Journal of Swarm Intelligence Research, Other Indexed Journal, January 2020  
International Journal of Advanced Operations Management, Other Indexed Journal, January 2020  
knowledge-based systems, SCI Journal, October 2017  
international journal of data science, Other Indexed Journal, September 2017  
international journal of swarm intelligence research, SCI Journal, September 2017  
international journal of operational research, Other Indexed Journal, April 2017  
knowledge-based systems, SCI Journal, August 2016  
knowledge-based systems, SCI Journal, January 2016  
knowledge-based systems, SCI Journal, September 2014  
knowledge-based systems, SCI Journal, July 2014  
knowledge-based systems, SCI Journal, May 2014  
International Journal of Business and Management, Other Indexed Journal, April 2014  
The International Journal of Computational Intelligence Systems, SCI Journal, April 2014  
International Journal of Data Science , Other Indexed Journal, April 2014  
Knowledge-Based Systems, SCI Journal, March 2014  
Knowledge-Based Systems, SCI Journal, January 2014  
Girişimcilik ve Kalkınma Dergisi, National Scientific Refreed Journal, January 2014  
Journal of Operational Research Society , Journal Indexed in SSCI, December 2013  
Knowledge-Based Systems , SCI Journal, September 2013  
Journal of Manufacturing Technology Management, Other Indexed Journal, August 2013  
Journal of Operational Research Society , Journal Indexed in SSCI, August 2013  
Knowledge-Based Systems , SCI Journal, June 2013  
International Journal of Business and Management , Other Indexed Journal, April 2013  
Knowledge-Based Systems , SCI Journal, April 2013  
International Journal of Business and Management , Other Indexed Journal, February 2013  
International Journal of Business and Management , Other Indexed Journal, January 2013  
Journal of Manufacturing Technology Management, Other Indexed Journal, August 2012

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## Congress and Symposium Activities

16. international logistics and supply chain congress, Attendee, Denizli, Turkey, 2018

7. lojistik ve tedarik zinciri kongresi, Attendee, Bursa, Turkey, 2018

15. international logistics and supply chain congress, Attendee, İstanbul, Turkey, 2017

6. lojistik ve tedarik zinciri kongresi, Attendee, Antalya, Turkey, 2017

International Conference on Social Sciences and Education Research, Attendee, antalya, Turkey, 2015

2014 International Conference on Industrial Technology and Management (ICITM 2014), Attendee, paris, France, 2014

3rd International Symposium on Sustainable Development, Attendee, Saray Bosna, Bosnia And Herzegovina, 2012

Research in Transport and Logistics, Attendee, İstanbul, Turkey, 2009

International Conference on Social Sciences, Attendee, İzmir, Turkey, 2008

2nd World Conference on Business, Economics and Management, Attendee, Antalya, Turkey, 2008

Küreselleşme, Demokratikleşme ve Türkiye Uluslararası Sempozyumu, Attendee, Antalya, Turkey, 2008

## Research Areas

Management, Production Management, Computer Sciences, algorithms, Simulation and Modelling, Numerical Algorithms, Artificial Intelligence, Computer Learning and Pattern Recognition, Neural Networks, Industrial Engineering, Optimization Theory and Methods, Heuristic Methods, Production Planning and Control, Scheduling, Project Management, Decision Theory, Supply Chain and Logistics Management, Network Design, Engineering and Technology