# Prof. GÜLFEM TUZKAYA

## Personal Information

**Office Phone:** +90 216 777 3637
**Email:** gulfem.tuzkaya@marmara.edu.tr
**Web:** https://avesis.marmara.edu.tr/gulfem.tuzkaya
**Address:** Marmara Üniversitesi - Mühendislik Fakültesi / Endüstri Mühendisliği Bölümü / Maltepe

**International Researcher IDs**
ScholarID: LDKx6WsAAAAJ
ORCID: 0000-0001-7683-4405
Publons / Web Of Science ResearcherID: AAH-8822-2021
ScopusID: 22936099500
Yoksis Researcher ID: 42591

## Biography

*Gülfem Tuzkaya, Ph.D., is currently working as a Professor in the Department of Industrial Engineering, Marmara University. Dr. G. Tuzkaya received her MSc. Degree in Industrial Engineering from Yıldız Technical University, in 2002, MBA degree from Istanbul Technical University, in 2005, and Ph.D. degree in Industrial Engineering from Yıldız Technical University, in 2008. She has been at Tilburg University, the Netherlands, as a visiting researcher in 2010. Her research interests are in the areas of reverse-forward logistics systems design, facility design and operations research applications for operations management problems.*

## Education Information

Post Doctorate, Universiteit van Tilburg, Yöneylem Araştırması ve Ekonometri, Netherlands 2010 - 2011
Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2004 - 2008
Postgraduate, Istanbul Technical University, Sosyal Bilimler Enstitüsü, İşletme, Turkey 2002 - 2005
Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2002 - 2004
Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Endüstri Mühendisliği Bölümü, Turkey 1997 - 2002

## Foreign Languages

English, C1 Advanced

## Dissertations

Doctorate, Tersine lojistik ağlarının stratejik planlamasına yönelik meta-sezgisel bir yaklaşım, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2008
Postgraduate, Lineer fiziksel programlama ile üretim planlama optimizasyonu ve KOBİ'lerde bir uygulama, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2004

## Research Areas

Industrial Engineering , Optimization Theory and Methods, Supply Chain and Logistics Management

## Academic Titles / Tasks

Professor, Marmara University, Faculty of Engineering, Industrial Engineering, 2020 - Continues
Associate Professor, Marmara University, Faculty of Engineering, Industrial Engineering, 2014 - 2020
Assistant Professor, Marmara University, Faculty of Engineering, Industrial Engineering, 2012 - 2014
Research Assistant, Yildiz Technical University, Faculty Of Mechanical Engineering, Endüstri Mühendisliği Bölümü, 2002 - 2012

## Academic and Administrative Experience

Koordinatör, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Industrial Engineering (Eng), 2018 - 2020
Deputy Head of Department, Marmara University, Faculty of Engineering, Industrial Engineering, 2018 - 2020
Erasmus Coordinator, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Industrial Engineering (Eng), 2014 - 2018
Marmara University, Faculty of Engineering, 2013 - 2014
Koordinatör, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Industrial Engineering (Eng), 2012 - 2013
Deputy Head of Department, Marmara University, Faculty of Engineering, Industrial Engineering, 2012 - 2013

## Advising Theses

Tuzkaya G., Kılıç H. S., Workforce Optimization in Aircraft Maintenance Processes, Postgraduate, S.Hasançebi(Student), 2023
Tuzkaya G., A stochastic approach to improve supply chain resilience under disruptions: COVİD-19 case, Postgraduate, F.CAYVAZ(Student), 2023
Tuzkaya G., A Model For The Agile Software Development Environments And Its Application for the Finance Industry, Doctorate, N.Özçelikkan(Student), 2022
Bulkan S., Tuzkaya G., HUB LOCATION AND CLUSTERED ROUTING PROBLEM WITH TIME WINDOWS AND POSTAL SERVICE APPLICATION, Doctorate, C.ÖZTÜRK(Student), 2022
Tuzkaya G., Sennaroğlu B., Developing A Novel Decision Support System for Performance Evaluation and Team Formation in Sports, Doctorate, E.ANIL(Student), 2022
Tuzkaya G., Kılıç H. S., Electric charge stations location and an application in Istanbul, Postgraduate, B.GÜLNİHAN(Student), 2020
Tuzkaya G., Flight planning with maintanence considiration and an application for a company from Istanbul, Turkey, Postgraduate, M.Anıl(Student), 2019
Vayvay Ö., Tuzkaya G., A Flight Planning Model and a Case Study in an Airline Company, Doctorate, T.TEMUÇİN(Student), 2019
TUZKAYA G., KILIÇ H. S., A mathematical method for agile software design : an application, Postgraduate, H.Ardıç(Student), 2019
TUZKAYA G., VAYVAY Ö., A mathematical model for personnel task assignment problem in banking sector, Postgraduate, K.Çetin(Student), 2019
Tuzkaya G., Sennaroğlu B., Çok kriterli hastane hizmet kalitesi değerlendirme ve uygulaması, Postgraduate, M.MUTLU(Student), 2018
Tuzkaya G., Oğuztimur S., An integrated DEMATEL–intuitionistic fuzzy TOPSIS methodology for logistics centers location selection, Postgraduate, C.UYANIK(Student), 2016

Tuzkaya G., Vayvay Ö., A vehicle allocation model for post-disaster debris removal operations, Postgraduate, L.GÜLNUR(Student), 2016

Tuzkaya G., A Model for the facility location problem in disasaster evacuation management and an application for Kadıikoy district of Istanbul, Postgraduate, Ş.Bingöl(Student), 2015

Tuzkaya G., Vayvay Ö., A multi-start simulated annealing algorithm supplemented with tabu list for the dynamic facility layout problem, Postgraduate, M.RIFAT(Student), 2013

Tuzkaya G., Vayvay Ö., The impact of information technology applications on the supply chain performance and a case study, Postgraduate, İ.AÇIKGÖZ(Student), 2013

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

I. **A multi-objective agile project planning model and a comparative meta-heuristic approach**
Özçelikkan N., Tuzkaya G., Alabaş Uslu Ç., Sennaroğlu B.
INFORMATION AND SOFTWARE TECHNOLOGY, vol.151, 2022 (SCI-Expanded)

II. **Information system selection for hospitality industry via integrated use of IVIF-DEMATEL and IVIF-TOPSIS**
KILIÇ H. S., KALENDER Z. T., Yalcin A. S., Erkal G., TUZKAYA G.
Journal of Intelligent and Fuzzy Systems, vol.42, no.1, pp.317-335, 2022 (SCI-Expanded)

III. **A cluster analysis of basketball players for each of the five traditionally defined positions**
DUMAN E. A., SENNAROĞLU B., TUZKAYA G.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART P-JOURNAL OF SPORTS ENGINEERING AND TECHNOLOGY, 2021 (SCI-Expanded)

IV. **Greenness assessment of supply chains via intuitionistic fuzzy based approaches**
Topgul M. H., KILIÇ H. S., TUZKAYA G.
Advanced Engineering Informatics, vol.50, 2021 (SCI-Expanded)

V. **Centrality based solution approaches for median-type incomplete hub location problems**
ÖZTÜRK C., TUZKAYA G., BULKAN S.
Computers and Industrial Engineering, vol.156, 2021 (SCI-Expanded)

VI. **AIRCRAFT MAINTENANCE ROUTING PROBLEM - A LITERATURE SURVEY**
Temucin T., TUZKAYA G., VAYVAY Ö.
PROMET-TRAFFIC & TRANSPORTATION, vol.33, no.4, pp.491-503, 2021 (SCI-Expanded)

VII. **AN INTEGRATED DEMATEL-IF-TOPSIS METHODOLOGY FOR LOGISTICS CENTERS' LOCATION SELECTION PROBLEM: AN APPLICATION FOR ISTANBUL METROPOLITAN AREA**
Uyanik C., TUZKAYA G., KALENDER Z. T., OĞUZTİMUR S.
TRANSPORT, vol.35, no.6, pp.548-556, 2020 (SCI-Expanded)

VIII. **Hesitant fuzzy linguistic TOPSIS method for the electric vehicles' charging stations location selection problem and an application for Istanbul**
KALENDER Z. T., KILIÇ H. S., TUZKAYA G., Dascioglu B. G.
JOURNAL OF INTELLIGENT & FUZZY SYSTEMS, vol.39, no.5, pp.6391-6406, 2020 (SCI-Expanded)

IX. **A Multi-Objective Reverse Logistics Network Design Model for After-Sale Services and a Tabu Search Based Methodology**
Temuçin T., Tuzkaya G.
Journal Of Intelligent & Fuzzy Systems, vol.1, pp.1-20, 2020 (SCI-Expanded)

X. **Hospital service quality evaluation with IVIF-PROMETHEE and a case study**
TUZKAYA G., SENNAROĞLU B., KALENDER Z. T., Mutlu M.
Socio-Economic Planning Sciences, vol.68, 2019 (SCI-Expanded)

XI. **A DEMATEL Integrated Interval Valued Intuitionistic Fuzzy PROMETHEE Approach for Parking Lots Evaluation**
SENNAROĞLU B., Yilmazer K. B., TUZKAYA G., TUZKAYA U. R.
JOURNAL OF MULTIPLE-VALUED LOGIC AND SOFT COMPUTING, vol.30, pp.177-198, 2018 (SCI-Expanded)

XII. **An Integrated Methodology for the Emergency Logistics Centers Location Selection Problem and its Application for the Turkey Case**
TUZKAYA U. R., Yilmazer K. B., TUZKAYA G.
JOURNAL OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT, vol.12, no.1, pp.121-144, 2015 (SSCI)

XIII. **A Strategic Planning Methodology for the Multimodal Transportation Systems: A Case Study from Turkey**
TUZKAYA U. R., ÖNÜT S., TUZKAYA G.
JOURNAL OF APPLIED MATHEMATICS, 2014 (SCI-Expanded)

XIV. **An intuitionistic fuzzy Choquet integral operator based methodology for environmental criteria integrated supplier evaluation process**
Tuzkaya G.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.10, no.3, pp.423-432, 2013 (SCI-Expanded)

XV. **A comparative analysis of meta heuristic approaches for facility layout design problem a case study for an elevator manufacturer**
TUZKAYA G., GÜLSÜN B., TUZKAYA U. R., Semih O., Bildik E.
Journal Of Intelligent Manufacturing, vol.24, pp.357-372, 2013 (SCI-Expanded)

XVI. **Supply chain partners and configuration selection An intuitionistic fuzzy Choquet integral operator based approach**
Jalal A., TUZKAYA G., TUZKAYA U. R.
Expert Systems With Applications, vol.39, pp.3642-3649, 2012 (SCI-Expanded)

XVII. **A methodology for the strategic design of reverse logistics networks and its application in the Turkish white goods industry**
TUZKAYA G., GÜLSÜN B., ÖNSEL EKİCİ Ş.
International Journal Of Production Research, vol.49, pp.4543-4571, 2011 (SCI-Expanded)

XVIII. **A Multi-Criteria Decision Making Approach for Machine Tool Selection Problem in a Fuzzy Environment**
ÖZGEN A., TUZKAYA G., TUZKAYA U. R., ÖZGEN D.
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.4, no.4, pp.431-445, 2011 (SCI-Expanded)

XIX. **A MULTI OBJECTIVE ENERGY RESOURCE ALLOCATION MODEL FOR TURKISHMANUFACTURING INDUSTRY USING LINEAR PHYSICAL PROGRAMMING**
ÖNÜT S., TUZKAYA U. R., TUZKAYA G., GÜLSÜN B.
INTERNATIONAL JOURNAL OF INNOVATIVE COMPUTING INFORMATION AND CONTROL, vol.7, pp.3147-3169, 2011 (SCI-Expanded)

XX. **An integrated fuzzy multi criteria decision making methodology for material handling equipment selection problem and an application**
TUZKAYA G., GÜLSÜN B., KAHRAMAN C., ÖZGEN D.
Expert Systems With Applications, vol.37, pp.2853-2863, 2010 (SCI-Expanded)

XXI. **An Aggregate Production Planning Strategy Selection Methodology based on Linear Physical Programming**
GÜLSÜN B., Tuzkaya G., TUZKAYA U. R., ÖNÜT S.
INTERNATIONAL JOURNAL OF INDUSTRIAL ENGINEERING-THEORY APPLICATIONS AND PRACTICE, vol.16, no.2, pp.135-146, 2009 (SCI-Expanded)

XXII. **Environmental performance evaluation of suppliers A hybrid fuzzymulti criteria decision approach**
TUZKAYA G., ÖZGEN A., ÖZGEN D., TUZKAYA U. R.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.6, pp.477-490, 2009 (SCI-Expanded)

XXIII. **An analytic network process approach for locating undesirable facilities An example from Istanbul Turkey**
TUZKAYA G., ÖNÜT S., TUZKAYA U. R., Gülsün B.

Journal Of Environmental Management, vol.88, pp.970-983, 2008 (SCI-Expanded)

XXIV. **A two phase possibilistic linear programming methodology for multi objective supplier evaluation and order allocation problems**
ÖZGEN D., ÖNÜT S., GÜLSÜN B., TUZKAYA U. R., TUZKAYA G.
Information Sciences, vol.178, pp.485-500, 2008 (SCI-Expanded)

XXV. **Evaluating centralized return centers in a reverse logistics network Anintegrated fuzzy multi criteria decision approach**
TUZKAYA G., GÜLSÜN B.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.5, pp.339-352, 2008 (SCI-Expanded)

## Articles Published in Other Journals

I. **A mathematical model for personnel task assignment problem and an application for banking sector**
Cetin K., TUZKAYA G., VAYVAY Ö.
International Journal of Optimization and Control: Theories and Applications, vol.10, no.2, pp.147-158, 2020 (Scopus)

II. **A model for determining the locations of electric charge stations in Istanbul**
DAŞÇIOĞLU B. G., TUZKAYA G., KILIÇ H. S.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.25, no.9, pp.1056-1061, 2019 (ESCI)

III. **Bakım planlamalı uçuş atama modeli ve bir uygulama**
Şahin M. A., TUZKAYA G.
International Journal of Advances in Engineering and Pure Sciences, vol.31, no.4, pp.273-279, 2019 (Peer-Reviewed Journal)

IV. **A Vehicle Routing Model For Postal Service Operations and an Application**
Şensu Ş. E., Arslan Z., Ekinci R. D., TUZKAYA G.
International journal of advances in engineering and pure sciences (Online), vol.31, no.4, pp.267-272, 2019 (Peer-Reviewed Journal)

V. **A LITERATURE SURVEY ON LOGISTICS CENTERS' LOCATION SELECTION PROBLEM**
Uyanik C., TUZKAYA G., OĞUZTİMUR S.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.36, no.1, pp.141-160, 2018 (ESCI)

VI. **MULTI-CRITERIA DECISION MAKING TECHNIQUES FOR HEALTHCARE SERVICE QUALITY EVALUATION: A LITERATURE REVIEW**
Mutlu M., TUZKAYA G., Sennaroglu B.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.35, no.3, pp.501-512, 2017 (ESCI)

VII. **A Multi Objective Supplier Selection and Order Allocation Model for Green Supply Chains**
TUZKAYA G., KILIÇ H. S., AĞLAN C.
Journal of Military and Information Science, vol.4, pp.87-96, 2016 (Peer-Reviewed Journal)

VIII. **Multi criteria supplier selection using fuzzy PROMETHEE method**
Senvar Ö., TUZKAYA G., Kahraman C.
Studies in Fuzziness and Soft Computing, vol.313, pp.21-34, 2014 (Scopus)

IX. **Design of Demand Driven Return Supply Chain for High Tech Products**
Jalal A., TUZKAYA G.
Journal of Industrial Engineering and Management, vol.4, pp.481-503, 2011 (Scopus)

## Books & Book Chapters

I. **Assessment of Supply Chain Greenness: A Literature Review**
Topgül M., KILIÇ H. S., TUZKAYA G.
in: Green Production Strategies for Sustainability, Sang-Binge Tsai, Bin Liu, Yongian Li, Editor, IGI Global, Hershey PA, pp.27-53, 2018

II. **Operation Research Problems for Airline Industry: A Literature Survey for Maintainance Routing Problem**
Şahin M. A., TUZKAYA G.
in: Handbook of Research on Emergent Applications of Optimization Algorithms, Vasant, Pandian,Alparslan-Gok, Sirma Zeynep,Weber, Gerhard-Wilhelm, Editor, IGI Global, Hershey PA, pp.163-176, 2018

III. **Multi criteria supplier selection using fuzzy PROMETHEE method**
ŞENVAR Ö., TUZKAYA G., KAHRAMAN C.
in: Studies in Fuzziness and Soft Computing, Kahraman Cengiz, Öztayşi Başar, Editor, Springer, Berlin, pp.21-34, 2014

## Refereed Congress / Symposium Publications in Proceedings

I. **Analysis of Suppliers' Resilience Factors Under Uncertainty**
Parlak F. C., KILIÇ H. S., TUZKAYA G.
Intelligent and Fuzzy Systems - Intelligence and Sustainable Future Proceedings of the INFUS 2023 Conference, İstanbul, Turkey, 22 - 24 August 2023, vol.758 LNNS, pp.670-677

II. **A Fuzzy Mixed-Integer Linear Programming Model for Aircraft Maintenance Workforce Optimization**
Hasancebi S., TUZKAYA G., KILIÇ H. S.
Intelligent and Fuzzy Systems - Intelligence and Sustainable Future Proceedings of the INFUS 2023 Conference, İstanbul, Turkey, 22 - 24 August 2023, vol.758 LNNS, pp.499-506

III. **Analysis of Supply Chain Disruption Factors Under the Effect of COVID-19 Pandemic via Neutrosophic Fuzzy DEMATEL**
Cayvaz F., TUZKAYA G., KALENDER Z. T., KILIÇ H. S.
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.347-354

IV. **Selection of the Best Software Project Management Model via Interval-Valued Neutrosophic AHP**
Cizmecioglu N., KILIÇ H. S., KALENDER Z. T., TUZKAYA G.
International Conference on Intelligent and Fuzzy Systems, INFUS 2021, İstanbul, Turkey, 24 - 26 August 2021, vol.308, pp.388-396

V. **An Integrated IVIF-DEMATEL and IVIF-TOPSIS Methodology for Hotel Information System Selection**
ERKAL G., KILIÇ H. S., KALENDER Z. T., YALÇIN A. S., TUZKAYA G.
INFUS: International Conference on Intelligent and Fuzzy Systems, 21 - 23 July 2020

VI. **Evaluation of electric vehicles station locations with an extended TOPSIS methodology using probabilistic linguistic term sets**
Dascıoglu B. G., KALENDER Z. T., TUZKAYA G., KILIÇ H. S.
International Conference on Intelligent and Fuzzy Systems, INFUS 2019, İstanbul, Turkey, 23 - 25 July 2019, vol.1029, pp.820-828

VII. **Supply chain greenness assessment based on intuitionistic fuzzy approaches**
Topgul M. H., KILIÇ H. S., TUZKAYA G.
International Conference on Intelligent and Fuzzy Systems, INFUS 2019, İstanbul, Turkey, 23 - 25 July 2019, vol.1029, pp.472-480

VIII. **A Methodology for Story Planning in Agile and Lean Software Development**
ARDIÇ H., TUZKAYA G., KILIÇ H. S.
Proceedings of 10th International Symposium on Intelligent Manufacturing and Service Systems, İstanbul, Turkey,

09 September 2019, pp.661-668

IX. **A Flow Capturing Location-Allocation Model for Hybrid and Electric Vehicles Charge Station Locations and an Application in Istanbul**
DAŞÇIOĞLU B. G., TUZKAYA G., KILIÇ H. S.
Proceedings of 10th International Symposium on Intelligent Manufacturing and Service Systems, İstanbul, Turkey, 09 September 2019

X. **A LITERATURE REVIEW ON AIRCRAFT MAINTENANCE ROUTING PROBLEM**
Temuçin T., TUZKAYA G., VAYVAY Ö.
16th International Logistics and Supply Chain Congress, 18 - 20 October 2018

XI. **A Model for Determining the Locations of Electric Charge Stations in Istanbul**
Daşcıoglu B. G., TUZKAYA G., KILIÇ H. S.
16th International Logistics and Supply Chain Congress, Denizli, Turkey, 18 - 20 October 2018

XII. **A Literature Review for Hybrid Vehicle Routing Problem**
Daşcıoglu B. G., TUZKAYA G.
Global Joint conference on Industrial Engineering and Its Application Areas, 21 - 22 June 2018

XIII. **Player Selection by Multi-Criteria Decision Making Methods: A Case Study Based on Selection of Play-Maker Position For Eurobasket2015 Turkey National Basketball Team**
DUMAN E. A., TUZKAYA G.
International Physical Education, Sport, Recreation and Dance Congress, 26 - 28 April 2018

XIV. **A Cluster Analysis of Players from 2016-2017 Turkish Basketball League**
DUMAN E. A., TUZKAYA G., TÜREGÜN E.
15th International Sport Sciences Congress, 15 - 18 November 2017

XV. **A Methodology forAssessment of GreenManufacturing**
Topgul M., KILIÇ H. S., TUZKAYA G.
2nd International Sustainability Congress, 26 - 28 October 2017

XVI. **A LOGISTICS ALLOCATION MODEL FOR FREIGHT VILLAGES: A CASE STUDY FOR TURKEY**
TUZKAYA U. R., TUZKAYA G., YILMAZER K. B., KALENDER Z. T.
The 15th International Logistics and Supply Chain Congress, 19 - 20 October 2017

XVII. **Performance Analysis in Basketball A Review Study**
DUMAN E. A., TUZKAYA G.
The 10th International Conference In Physical Education, Sports And Physical Therapy, Elazığ, Turkey, 18 - 20 November 2016

XVIII. **Developing A Decision Support System with Fuzzy Numbers For Youth Sports Club Selection**
DUMAN E. A., TUZKAYA G., KARABAL D.
14th International Sport Sciences Congress, Antalya, Turkey, 1 - 04 November 2016

XIX. **EVALUATION OF THE PARKING LOTS BY USING INTERVAL VALUED INTUITIONISTIC FUZZY PROMETHEE APPROACH: AN EXAMPLE FOR ISTANBUL**
TUZKAYA U. R., Yilmazer B., TUZKAYA G., SENNAROĞLU B.
12th International Conference on Fuzzy Logic and Intelligent Technologies in Nuclear Science (FLINS), Roubaix, France, 24 - 26 August 2016, vol.10, pp.943-947

XX. **AN INTERVAL VALUED INTUITIONISTIC FUZZY PROMETHEE APPROACH FOR HOSPITAL SERVICE QUALITY EVALUATION**
SENNAROĞLU B., Mutlu M., TUZKAYA G.
12th International Conference on Fuzzy Logic and Intelligent Technologies in Nuclear Science (FLINS), Roubaix, France, 24 - 26 August 2016, vol.10, pp.588-594

XXI. **The Impact Of Information Technology Applications On The Supply Chain Performance And A Case Study**
Açıkgöz İ., VAYVAY Ö., TUZKAYA G., ŞİMŞİT Z. T.
13. International Logistics and Supply Chain Congress, 22 - 23 October 2015

XXII. **THE IMPACT OF INFORMATION TECHNOLOGY APPLICATIONS ON THE SUPPLY CHAIN PERFORMANCE AND A CASE STUDY**

AÇIKGÖZ İ., VAYVAY Ö., TUZKAYA G., ŞİMŞİT Z. T.

XIII. International Logistics and Supply Chain Congress, İzmir, Turkey, 22 - 23 October 2015

XXIII. **Afet Sonrası Enkaz Atıklarının Kaldırılmasına Yönelik Bir Model Önerisi**

KASAP L. G., TUZKAYA G., VAYVAY Ö.

Yöneylem Araştırması ve Endüstri Mühendisliği (YAEM), Turkey, 9 - 11 September 2015

XXIV. **Afet Lojistiği ve Türkiye deki Uygulamaları Literatür Araştırması**

KASAP L. G., VAYVAY Ö., TUZKAYA G.

4. Ulusal Lojistik ve Tedarik Zinciri Kongresi "Lojistik ve Tedarik Zinciri Yönetiminde Sosyal Sorumluluk, Turkey, 21 - 23 May 2015

XXV. **A supplier selection and order allocation methodology for green supply chains**

TUZKAYA G., KILIÇ H. S., AĞLAN C.

ICOVACS 2015-International Conference on Value Chain Sustainability, 12 - 13 March 2015

XXVI. **A hybrid multi-start simulated annealing algorithm for the dynamic facility layout problems**

VAYVAY Ö., TUZKAYA G., Kamber M., ALABAŞ USLU Ç.

Joint International Symposium on "The Social Impacts of Developments in Information, Manufacturing and Service Systems" 44th International Conference on Computers and Industrial Engineering, CIE 2014 and 9th International Symposium on Intelligent Manufacturing and Service Systems, IMSS 2014, İstanbul, Turkey, 14 - 16 October 2014, pp.775-783

XXVII. **LOCATION SELECTION OF EMERGENCY LOGISTICS CENTERS USING AN INTEGRATED DEMATEL-ANP APPROACH**

TUZKAYA U. R., Yilmazer K. B., TUZKAYA G.

10th International Conference on Fuzzy Logic and Intelligent Technologies in Nuclear Science (FLINS), İstanbul, Turkey, 26 - 29 August 2012, vol.7, pp.143-148

## Supported Projects

Tuzkaya G., Ölmez M. E., Arı İ., Project Supported by Higher Education Institutions, Elektrik Depolama Tesislerinin Elektrik Fiyatlarına Etkisinin Analizi, 2023 - 2025

Tuzkaya G., DUMAN E. A., Project Supported by Higher Education Institutions, Sporda Performans Değerlendirme ve Takım Oluşturma İçin Özgün Karar Destek Sistemi Geliştirilmesi, 2017 - 2022

## Tasks In Event Organizations

Tuzkaya G., Sennaroğlu B., Vayvay Ö., The Sixth International Conference on Value Chain Sustainability (ICOVACS 2015), Scientific Congress, İstanbul, Turkey, Mart 2015

## Metrics

Publication: 64
Citation (WoS): 589
Citation (Scopus): 985
H-Index (WoS): 10
H-Index (Scopus): 12

## Invited Talks

III. Afet Lojistiği Konferansı, Conference, Gebze Teknik Üniversitesi, Turkey, April 2016

## Scholarships

Doktora Sonrası Araştırma Bursu, YOK, 2010 - 2011
Doktora Bursu, TUBITAK, 2004 - 2008

## Non Academic Experience

Tilburg University