

Asst. Prof. Zafer Yılmaz

Personal Information

Office Phone: [+90 312 585 0337](tel:+903125850337)

Email: zafer.yilmaz@tedu.edu.tr

Web: <https://avesis.tedu.edu.tr/zafer.yilmaz>

International Researcher IDs

ScholarID: WDGBTw4AAAAJ

ORCID: 0000-0001-5839-5381

Publons / Web Of Science ResearcherID: G-6203-2018

ScopusID: 57193896372

Yoksis Researcher ID: 292250

Biography

Dr. Zafer Yılmaz received his BS degree from Turkish Military Academy, Industrial and Systems Engineering Department, MS degree from METU Informatics Institute and PhD degree from Turkish Military Academy Defense Sciences Institute, Department of Supply and Logistics Management.

He worked at Turkish Land Forces as a Commander, Project Director and Instructor. Before joining to TED University, he was a post-doctoral researcher at McGill University for 1.5 year. He taught Operations Management and Logistics Management Courses at McGill University. He also served as a program manager to select students for Masters of Management in Analytics program at McGill University.

His interests include Operations Management, Management Science, Supply Chain Management, Inventory Management, Network Analysis, Modelling and Simulation. His current researches focuses on Hazardous Materials Transportation and Disaster Logistics.

Education Information

Doctorate, Savunma Bilimleri Enstitüsü-KHO, Turkey 2011 - 2015

Postgraduate, Middle East Technical University, Turkey 2001 - 2003

Undergraduate, Land War Academy Command, Turkey 1992 - 1996

Foreign Languages

English

Dissertations

Doctorate, Tehlikeli madde taşımacılığında riski de dikkate alan CBS temelli dinamik güzergâh belirleme, Land War Academy Command, 2015

Research Areas

Production Management, Quantitative Methods, Logistics Management, Quality and Production Management, Disaster Management

Academic Titles / Tasks

Assistant Professor, TED University, Faculty of Econ. and Administ. Sciences, Department of Business Administration, 2020 - Continues

Academic and Administrative Experience

Sürdürülebilir TEDU çalışma grubu fakülte temsilcisi, TED University, Faculty of Econ. and Administ. Sciences, Department of Business Administration, 2022 - Continues

Stratejik Plan Etki Vizyonu ve Sürdürülebilirlik, 2022 - Continues

CTL Commission Member, 2020 - Continues

Fakülte Yönetim Kurulu Üyesi, 2020 - Continues

Applied Data Analytics Secondary Field Program Manager, TED University, Faculty of Econ. and Administ. Sciences, Department of Business Administration, 2020 - 2022

Erasmus Department Coordinator, 2018 - 2022

Courses

Production and Operations Management, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Management Science, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Independent Research, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Supply Chain Management, Undergraduate, 2020 - 2021, 2019 - 2020

Senior Project and Seminar, Undergraduate, 2019 - 2020, 2018 - 2019

Introduction to Multivariable Calculus, Undergraduate, 2018 - 2019

Jury Memberships

June, 2022

August, 2021

August, 2021

June, 2021

January, 2021

September, 2020

September, 2020

November, 2019

January, 2019

December, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

1. The impact of Kahramanmaraş (2023) earthquakes: A comparative case study for Adıyaman and

Malatya

Dinçer A. E., Dinçer N. N., Tekin Koru A., Yaşar B., Yılmaz Z.

International Journal of Disaster Risk Reduction, vol.110, 2024 (SCI-Expanded)

- II. **Sustainable Investment Attitudes Based on Sustainable Finance Literacy and Perceived Environmental Impact**
Yücel Ö., Celik G., Yılmaz Z.
SUSTAINABILITY, vol.15, no.22, pp.16026, 2023 (SCI-Expanded)
- III. **Ranking online shopping websites by considering the criteria weights**
Yılmaz Z.
JOURNAL OF BUSINESS RESEARCH, vol.144, pp.497-512, 2022 (SSCI)
- IV. **Finding Optimal Depots and Routes in Sudden-Onset Disasters: An Earthquake Case for Erzincan**
Yılmaz Z., Aydemir-Karadag A., Erol S.
TRANSPORTATION JOURNAL, vol.58, no.3, pp.168-196, 2019 (SSCI)
- V. **A Comparison of Transport Modes in Terms of Energy Consumption**
Yılmaz Z., Erol S., Ocalir-Akunal E. V.
INTELLIGENT TRANSPORTATION AND PLANNING: BREAKTHROUGHS IN RESEARCH AND PRACTICE, pp.171-186, 2018 (SCI-Expanded)
- VI. **A Comparison of Transport Modes in Terms of Energy Consumption**
Yılmaz Z., Erol S., Ocalir-Akunal E. V.
ENGINEERING TOOLS AND SOLUTIONS FOR SUSTAINABLE TRANSPORTATION PLANNING, pp.254-269, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Preface**
Yılmaz Z., Golem S., Costescu D.
Handbook of Research on Promoting Sustainable Public Transportation Strategies in Urban Environments, 2023 (Scopus)
- II. **FINDING CRITERIA WEIGHTS FROM THE PERSPECTIVE OF YOUNG PEOPLE FOR ONLINE SHOPPING WEBSITE SELECTION**
Yılmaz Z.
Uluslararası Yönetim İktisat ve İşletme Dergisi, vol.17, no.2, 2021
- III. **GREEN PRODUCT CONSUMPTION ANALYSIS: AWARENESS, INTEREST LEVEL AND SENSITIVITY OF CONSUMERS**
Yılmaz Z.
Pamukkale Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, no.41, pp.594-614, 2020
- IV. **A Fuzzy AHP-TOPSIS Model Based Case Study for Selecting Vehicles to Buy Casco Insurance under Limited Budget**
Yılmaz Z.
Pamukkale Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, vol.2017, no.28, pp.367-381, 2017
- V. **Transportation of hazardous materials (hazmat) a literature survey**
Yılmaz Z., Erol S., Aplak H. S.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.22, no.1, pp.39-53, 2016 (ESCI)
- VI. **BİREYSEL EMEKLİLİK SİSTEMİ SEÇİMİ PROBLEMİNE İLİŞKİN MACBETH YAKLAŞIMI**
Yılmaz Z., Köse E., Kabak M.
Ekonometri ve İstatistik e-Dergisi, vol.0, no.22, pp.47-65, 2015
- VII. **THE ECONOMIC GROWTH AND DEVELOPMENT OF INTERMODAL TRANSPORTATION-A COMPARATIVE ANALYSIS OF POLAND AND TURKEY**
Yılmaz Z., PIETRZYK K.

Kara Harp Okulu Bilim Dergisi, vol.23, no.2, pp.21-43, 2014

VIII. **LİSANÜSTÜ ÖĞRENİMDE DERS SEÇİMİNE YÖNELİK BİR MODEL ÖNERİSİ**

Yılmaz Z., Ersöz F., Kabak M.

Afyon Kocatepe Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, vol.13, no.2, pp.227-249, 2011

Books & Book Chapters

- I. **Comparison of Traditional and Green Public Transportation Vehicles in Terms of CO2 Emissions**
Çelik G., Yılmaz Z.
in: Handbook of Research on Promoting Sustainable Public Transportation Strategies in Urban Environments, Zafer Yılmaz, Dorinela Costescu, Silvia Golem, Editor, Routledge, London/New York, Pennsylvania, pp.203-222, 2023
- II. **Chapter 10 Comparison of Traditional and Green Public Transportation Vehicles in Terms of CO2 Emissions (pages 203-222)**
ÇELİK G., YILMAZ Z.
in: Handbook of Research on Promoting Sustainable Public Transportation Strategies in Urban Environments, Zafer Yılmaz (TED University, Turkey), Silvia Golem (University of Split, Croatia), and Dorinela Costescu (Polytechnic University of Bucharest, Romania), Editor, IGI GLOBAL, pp.182-202, 2023
- III. **A Multi Criteria Decision Making Approach for Hazmat Transportation**
Yılmaz Z., Verter V.
in: New Perspectives in Operations Research and Management Science - Essays in Honor of Fusun Ulengin, , Editor, Springer Nature, Zürich, pp.361-383, 2022
- IV. **A Multi Criteria Decision Making Approach for Hazmat Transportation**
YILMAZ Z., Verter V.
in: New Perspectives in Operations Research and Management Science - Essays in Honor of Fusun Ulengin, Y. İlker Topçu, Ş. Ekici, Ö. Kabak, E. Aktaş, Ö. Özaydın, Editor, SPRINGER, pp.361-383, 2022
- V. **Using GIS in Disaster Response Operations: A Case Study of Locating Logistics Depots in Istanbul**
Yılmaz Z.
in: Information Technology Applications for Crisis Response and Management, , Editor, Routledge, London/New York, Pennsylvania, pp.176-199, 2021
- VI. **Using GIS in Disaster Response Operations: A Case Study of Locating Logistics Depots in Istanbul**
YILMAZ Z.
in: Information Technology Applications for Crisis Response and Management, Jon W. Beard, Editor, IGI GLOBAL, pp.176-199, 2021
- VII. **A Comparison of Transport Modes in Terms of Energy Consumption**
YILMAZ Z., EROL S., ÖCALIR AKÜNAL E. V.
in: Engineering Tools and Solutions for Sustainable Transportation Planning, Hermann Knoflacher, Ebru Vesile Öcalır Akünal, Editor, IGI GLOBAL, pp.254-269, 2017
- VIII. **A Literature Survey for Hazardous Materials Transportation**
EROL S., YILMAZ Z.
in: Using Decision Support Systems for Transportation Planning Efficiency, Ebru V. Ocalir-Akunal, Editor, IGI Global, pp.371-393, 2016
- IX. **A Literature Survey for Hazardous Materials Transportation**
Yılmaz Z., Erol S.
in: Using Decision Support Systems for Transportation Planning Efficiency, , Editor, Routledge, London/New York, Pennsylvania, pp.371-393, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **A Multi-Objective Model for the Green Vehicle Routing Problem: A comparison of conventional and**

electric vehicle

Çelik G., Alyaprak N., Yılmaz Z.

KOI 2022 – 19th International Conference on Operational Research, Shibenik, Croatia, 28 September - 01 October 2022, pp.46

- II. **A Risk and Cost Based Route Planning for Hazardous Materials (Hazmat) Transportation**
Yılmaz Z.
ECSO-CMS 2022 -European Conference on Stochastic Optimization Computational Management Science Conference, Venice, Italy, 29 June - 01 July 2022
- III. **Cryptocurrency attitudes of investors at different levels of financial literacy in Turkey**
Varer D., Yücel Ö., Yılmaz Z.
III. International Applied Statistics, Skopje, Macedonia, 22 - 24 June 2022, pp.49
- IV. **Factors affecting consumer purchasing behavior of environmentally friendly car**
Vural H., Çelik G., Yılmaz Z.
III. International Applied Statistics, Skopje, Macedonia, 22 - 24 June 2022, pp.50
- V. **19TH INTERNATIONAL LOGISTICS AND SUPPLY CHAIN CONGRESS (LMSCM2021) - "Locating Mobile and Permanent Logistics Depots in Earthquake Prone Regions"**
Yılmaz Z., Gergin J. R.
- VI. **COVID-19 EFFECTS ON ONLINE SHOPPING HABITS IN TURKEY**
Yılmaz Z.
- VII. **POMS 31st Online Conference. Presentation title: "Determining the Criteria Weights for Supplier Selection in Dining Sector"**
Yılmaz Z.
- VIII. **AHP-Based Methodology to Find the Weights of the Criteria for Online Shopping Website Selection**
Yılmaz Z., Ertüzün B.
Ankara, Turkey
- IX. **Horizon 2020 Cities of the Future 2019**
Yılmaz Z.
- X. **Hazardous Materials (Hazmat) Transport Risk Assessment: A Speed –Based Approach**
Yılmaz Z., Verter V.
Washington, Kiribati
- XI. **A Comparative Analysis of Passenger Transportation in Cities Considering Green Transportation**
Yılmaz Z., Erol S.
LMSCM2018-16th International Logistics and Supply Chain Congress, 18 - 20 October 2018, pp.36
- XII. **Hazardous Materials (hazmat) Transport Risk Assessment Considering Terrorist Assaults**
Yılmaz Z., Verter V.

Supported Projects

Yalçıntaş S., Yücel S. D., Çabuk S., Güravşar Gökçe S., Yaşar B., Yılmaz Z., Dizeci Ş., European Institute of Innovation & Technology (EIT), HIVE: "HEI Innovation for Knowledge Intensive Entrepreneurship" , 2022 - 2024

Yılmaz Z., Yücel S. D., Ünalmiş İ., Akın Sabuncu S., İrgin P., Yücel Ö., Çelik G., Erasmus Project, "Energy Usage and Green Public Transportation in Future Smart Cities:An Innovative Teaching Program for Students, Stakeholders and Entrepreneurs", 2020 - 2022

YILMAZ Z., Verter S. V., TÜBİTAK Project, Intermodal Transportation of Hazardous Materials: A GIS Based Optimal Path Selection, 2017 - 2018

Scientific Refereeing

TRANSPORT PROBLEMS, October 2021
SOCIO-ECONOMIC PLANNING SCIENCES, June 2020
Trafik ve Ulaşım Araştırmaları Dergisi, March 2020
Ankara Hacı Bayram Veli Üniversitesi İktisadi ve İdari Bilimler Fakültesi Dergisi, January 2020
International Journal of Industrial Engineering: Theory, Applications and Practice [IJETAP], January 2020
Computers and Operations Research, January 2020
SN APPLIED SCIENCES, January 2020
GAZIOSMANPASA JOURNAL of SCIENTIFIC RESEARCH, November 2019
Ege Akademik Bakış Dergisi, May 2019
Computers and Operations Research, March 2019
International Journal of Industrial Engineering, March 2019

Scientific Consultations

Gazi University-Industrial Engineering Department, Scientific Consultancy, TED University, Faculty Of Econ. And Administ. Sciences, Department Of Business Administration, Turkey, 2022 - Continues

Tasks In Event Organizations

YILMAZ Z., Seminar- OLAP systems: overview of the purpose and the principles, Ankara, Turkey, Kasım 2019
YILMAZ Z., Seminar-Installation Research Project: User oriented process (re)design and information systems modelling a case of smart city services, Ankara, Turkey, Kasım 2019
YILMAZ Z., USMOS 2019, Ankara, Turkey, Kasım 2019
YILMAZ Z., Seminar-Business Writing and Communication, Ankara, Turkey, Nisan 2019

Congress and Symposium Activities

SMART CITY CHALLENGES, Attendee, Barcelona, Spain, 2022
KOI 2022 – 19th International Conference on Operational Research, Session Moderator, Shibenik, Croatia, 2022
KOI 2022 – 19th International Conference on Operational Research, Invited Speaker, Shibenik, Croatia, 2022
ECSO-CMS 2022 -European Conference on Stochastic Optimization Computational Management Science Conference, Attendee, Venice, Italy, 2022
III. International Applied Statistics, Attendee, Skopje, Macedonia, 2022
III. International Applied Statistics, Attendee, Skopje, Macedonia, 2022

Awards

Yılmaz Z., International Scientific Publications Incentive (UBYT), Tübitak-Ulakbim, December 2022
Yılmaz Z., Research Prize, Ted University, July 2022
YILMAZ Z., TEDU Yayın Ödülü, TED University, February 2020