

Res. Asst. PhD ELİFCAN GÖÇMEN

Personal Information

Office Phone: [+90 322 338 6084](tel:+903223386084) Extension: 2074

Email: egocmen@cu.edu.tr

Web: <https://avesis.cu.edu.tr//egocmen>

International Researcher IDs

ORCID: 0000-0002-0316-281X

Publons / Web Of Science ResearcherID: GRJ-9181-2022

Yoksis Researcher ID: 189879

Education Information

Doctorate, Cukurova University, Mühendislik Mimarlık Fakültesi, Endüstri Mühendisliği, Turkey 2014 - 2019

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Endüstri Mühendisliği, Turkey 2012 - 2014

Undergraduate, Cukurova University, Mühendislik Mimarlık Fakültesi, Endüstri Mühendisliği, Turkey 2007 - 2011

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Optimization Models of Integrated Load Consolidation and Transportation Mode Selection Problem On Intermodal Network, Cukurova University, Endüstri Mühendisliği, Endüstri Mühendisliği, 2019

Postgraduate, KAN BANKALARI YERLEŞİM VE ROTALAMA PROBLEMLERİ ÇÖZÜM YAKLAŞIMLARI, Cukurova University, Mühendislik Fakültesi, Endüstri Mühendisliği, 2014

Research Areas

Industrial Engineering , Stochastic Modeling, Stochastic Processes, Simulation, Simulation Optimization, Production Planning and Control, Scheduling, Supply Chain and Logistics Management, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Cukurova University, Mühendislik Mimarlık Fakültesi, Endüstri Mühendisliği, 2012 - Continues

Research Assistant, Toros University, Faculty Of Engineering, Endüstri Mühendisliği, 2011 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

1. Transportation problems for intermodal networks: Mathematical models, exact and heuristic algorithms, and machine learning

GÖÇMEN E., EROL R.

EXPERT SYSTEMS WITH APPLICATIONS, vol.135, pp.374-387, 2019 (SCI-Expanded)

II. Transportation mode choice using fault tree analysis and mathematical modeling approach

Derse O., GÖÇMEN E.

JOURNAL OF TRANSPORTATION SAFETY & SECURITY, 2019 (SSCI)

III. The Problem of Sustainable Intermodal Transportation: A Case Study of an International Logistics Company, Turkey

GÖÇMEN E., EROL R.

SUSTAINABILITY, vol.10, no.11, 2018 (SCI-Expanded)

IV. Classical and fuzzy FMEA risk analysis in a sterilization unit

DAĞSUYU C., GÖÇMEN E., NARLI M., KOKANGÜL A.

COMPUTERS & INDUSTRIAL ENGINEERING, vol.101, pp.286-294, 2016 (SCI-Expanded)

Articles Published in Other Journals

I. RISK ASSESSMENT USING A NOVEL HYBRID METHOD: A CASE STUDY AT THE BIOCHEMISTRY DEPARTMENT

NARLI M., GÖÇMEN POLAT E., DERSE O.

Hacettepe Sağlık İdaresi Dergisi, vol.24, no.23, 2021 (Peer-Reviewed Journal)

II. Prediction of Citrus Fruits Production using Artificial Neural Networks and Linear Regression Analysis

GÖÇMEN E., KUVVETLİ Y.

Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.3, pp.972-983, 2020 (Peer-Reviewed Journal)

III. A Tabu Search Algorithm for an Excavator Scheduling Problem

GÖÇMEN E., DERSE O.

International Scientific and Vocational Studies Journal, 2020 (Peer-Reviewed Journal)

IV. Forecasting of Electricity Generation Shares by Fossil Fuels Using Artificial Neural Network and Regression Analysis in Turkey

GÖÇMEN E., DERSE O.

INTERNATIONAL SCIENTIFIC AND VOCATIONAL JOURNAL (ISVOS JOURNAL), vol.2, no.2, pp.20-30, 2018 (Peer-Reviewed Journal)

V. A Simulation Modelling Approach for Analysing The Transportation of Containers in A Container Terminal System

DERSE O., GÖÇMEN E.

International Scientific and Vocational Studies Journal, vol.2, no.1, pp.19-28, 2018 (Peer-Reviewed Journal)

VI. THE TRANSITION TO INDUSTRY 4.0 IN ONE OF THE TURKISH LOGISTICS COMPANY

GÖÇMEN E., EROL R.

INTERNATIONAL JOURNAL OF 3D PRINTING TECHNOLOGIES AND DIGITAL INDUSTRY, vol.2, no.1, pp.76-85, 2018 (Peer-Reviewed Journal)

VII. Location and Multi-Compartment Capacitated Vehicle Routing Problem for Blood Banking System

GÖÇMEN E., EROL R.

INTERNATIONAL JOURNAL of ENGINEERING TECHNOLOGIES-IJET, vol.4, no.1, pp.1-12, 2018 (Peer-Reviewed Journal)

VIII. Positioning Of Unmanned Aerial Vehicles for the Natural Disasters

DERSE O., GÖÇMEN E.

International Journal of Computational Engineering Research (IJCER), vol.8, no.2, pp.43-47, 2018 (Peer-Reviewed Journal)

IX. A Simulation Modelling For Bus Capacity Planning

GÖÇMEN E., DERSE O.

International Journal of Computational Engineering Research (IJCER), vol.8, no.2, pp.33-37, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **A Mathematical Programming Model for Maritime Inventory Routing Problem**
GÖÇMEN E., YILMAZ E., EROL R.
in: Industrial Engineering in the Big Data Era, Calisir Fethi, Cevikcan Emre, Camgoz Akdag Hatice, Editor, Springer International Publisher, Cham, pp.33-41, 2019
- II. **A Mathematical Programming Model for Maritime Inventory Routing Problem**
GÖÇMEN E., YILMAZ E., EROL R.
in: Industrial Engineering in the Big Data Era, Calisir F., Cevikcan E., Camgoz Akdag H., Editor, Springer, Cham, pp.33-41, 2019
- III. **A Mathematical Programming Model for Maritime Inventory Routing Problem**
GÖÇMEN E., YILMAZ E., EROL R.
in: Industrial Engineering in the Big Data Era, Lecture Notes in Management and Industrial Engineering, Calisir F., Cevikcan E., Camgoz Akdag H., Editor, Springer Nature Switzerland AG 2019, Springer Cham, Switzerland, pp.33-41, 2019
- IV. **Hinterland Container Transportation Using Mathematical Programming Approach**
GÖÇMEN E., EROL R.
in: Industrial Engineering in the Big Data Era, Calisir F., Cevikcan E., Camgoz Akdag H., Editor, Springer, Cham, pp.43-51, 2019
- V. **Hinterland Container Transportation Using Mathematical Programming Approach**
GÖÇMEN E., EROL R.
in: Industrial Engineering in the Big Data Era, Calisir Fethi, Cevikcan E., Camgoz Akdag H., Editor, Springer International Publishing, pp.43-51, 2019
- VI. **Bir Fabrikada İş İyileştirme Uygulamaları**
GÖÇMEN E., DERSE O.
in: İnsan, Toplum ve Spor Bilimleri Araştırma Örnekleri, "Yamaner F." , "Eyuboğlu E.", Editor, Nobel Akademik Yayıncılık, Ankara, pp.89-105, 2018
- VII. **Bir İşletmedeki Gürültü Kirliliğinin İstatistiksel Olarak Değerlendirmesi**
GÖÇMEN E., DERSE O.
in: MÜHENDİSLİKTE GÜNCEL KONULAR, Prof. Dr. Yakup HAMEŞ, Editor, Nobel Akademik Yayıncılık, Ankara, pp.353-364, 2018
- VIII. **Bir Fabrikada İş İyileştirme Uygulamaları**
GÖÇMEN E., DERSE O.
in: İnsan, Toplum ve Spor Bilimleri Araştırma Örnekleri, Yamaner Faruk, Eyuboğlu Ender, Editor, Nobel Akademik Yayıncılık, Ankara, pp.89-105, 2018
- IX. **Future Research and Suggestions Based on Maritime Inventory Routing Problem**
GÖÇMEN E., YILMAZ E.
in: Industrial Engineering in the Industry 4.0 Era, Lecture Notes in Management and Industrial Engineering, Calisir F., Camgoz Akdag H., Editor, Springer Cham, pp.91-96, 2018
- X. **Bir İşletmedeki Gürültü Kirliliğinin İstatistiksel Olarak Değerlendirmesi**
GÖÇMEN E., DERSE O.
in: Mühendislikte Güncel Konular, Hameş Yakup, Editor, Nobel Akademik Yayıncılık, Ankara, pp.353-363, 2018
- XI. **Future Research and Suggestions Based on Maritime Inventory Routing Problem**
GÖÇMEN E., YILMAZ E.
in: Industrial Engineering in the Industry 4.0 Era, Lecture Notes in Management and Industrial Engineering, Calisir F., Camgoz Akdag H., Editor, Springer, Cham, Vienna, pp.91-96, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Multi-Project Scheduling: A Framework**
GÖÇMEN E., EROL R.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.645-649
- II. **Bir Acil Tıp Merkezinin Ergonomik Açidan İncelenmesi",**
GÖÇMEN E., EROL R.
", 3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018, pp.641-644
- III. **A Mathematical Programming Model for Maritime Inventory Routing Problem**
GÖÇMEN E., YILMAZ E., EROL R.
GJCIE Global Joint Conference on Industrial Engineering and Its Application Areas-2018, Nevşehir, Turkey, 21 - 22 June 2018, pp.17
- IV. **Hinterland Container Transportation Using Mathematical Programming Approach**
GÖÇMEN E., EROL R.
GJCIE - 2018, Global Joint Conference on Industrial Engineering and Its Application Areas, Nevşehir, Turkey, 21 - 22 June 2018, pp.29
- V. **Future Research and Suggestions Based on Maritime Inventory Routing Problem**
GÖÇMEN E., YILMAZ E.
Global Joint Conference on Industrial Engineering and Its Application Areas (GJCIE), Vienna, Austria, 20 - 21 July 2017, pp.91-96
- VI. **A Real-Life Intermodal Transportation Planning: An Industry 4.0 PErerspective**
GÖÇMEN E., EROL R.
2nd INTERNATIONAL MEDITERRANEAN SCIENCE AND ENGINEERING CONGRESS, Adana, Turkey, 25 - 27 October 2017
- VII. **Optimal Location Problem of Hydrogen Production Facilities for Renewable Energy Sources**
DERSE O., GÖÇMEN E., YILMAZ E., EROL R.
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017), Adana, Turkey, 25 - 27 October 2017, pp.707
- VIII. **Future Research and Suggestions Based on Maritime Inventory Routing Problem**
GÖÇMEN E., YILMAZ E.
Global Joint Conference on Industrial Engineering and Its Application Areas-2017, Viyana, Austria, 20 - 21 July 2017, pp.6-7
- IX. **Future Research and Suggestions Based on Maritime Inventory Routing Problem**
GÖÇMEN E., YILMAZ E.
GJCIE Global Joint Conference on Industrial Engineering and Its Application Areas-2017, Vienna, Austria, 20 - 21 July 2017, pp.6-7
- X. **Storage Capacity Planning for the Regional Blood Banking System via Simulation-Optimization Approach**
KUVVETLİ Y., GÖÇMEN E.
GJCIE 2017 Global Joint Conference on Industrial Engineering and Its Application Areas, Viyana, Austria, 20 - 21 July 2017
- XI. **Citrus Fruits Production Prediction with Artificial Neural Network and Time Series Approaches**
GÖÇMEN E., KUVVETLİ Y.
International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Turkey, 3 - 07 July 2017
- XII. **AUTOMOTIVE ERGONOMICS: COMPARISON OF TOUCH-SCREEN PANEL POSITIONS ON DASHBOARD**
YILDIZHAN Ş., GÖÇMEN E., ULUDAMAR E., SERİN H., AYDIN K.
AVTECH 15 III. AUTOMOTIVE AND VEHICLE TECHNOLOGIES CONFERENCE PROCEEDINGS, İstanbul, Turkey, 23 - 24 November 2015, pp.119-128
- XIII. **Variance analysis for economic aspects of solar energy production**

GÖÇMEN E., Miman M.

6th International Ege Energy Symposium and Exhibition, İzmir, Turkey, 21 - 22 August 2012, pp.10

Supported Projects

KUVVETLİ Y., GÖÇMEN E., Project Supported by Higher Education Institutions, Storage Capacity Planning for the Regional Blood Banking System via Simulation-Optimization Approach, 2017 - 2017

EROL R., GÖÇMEN E., KUVVETLİ Y., Project Supported by Higher Education Institutions, Kan Toplama ve Yönetiminde Envanter Rotalama Problemi: Bölgesel Bir Kan Bankasında Uygulama, 2015 - 2016

Metrics

Publication: 37

Citation (WoS): 60

Citation (Scopus): 70

H-Index (WoS): 2

H-Index (Scopus): 2