

Asst. Prof. KADİR MERSİN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AGZ-0334-2022

Yoksis Researcher ID: 246940

Education Information

Doctorate, Istanbul University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma İşletme Mühendisliği (Dr), Turkey 2011 - 2016

Postgraduate, Istanbul University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), Turkey 2006 - 2009

Undergraduate, Istanbul University, Faculty Of Science, Department Of Mathematics, Turkey 2001 - 2006

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Training, E-Eğiticinin Eğitimi, Istanbul Gelisim University, 2020

Dissertations

Doctorate, Deniz taşımacılığında optimum hız ve rotanın modellenmesi, Istanbul University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma İşletme Mühendisliği (Dr), 2016

Postgraduate, Bir Banach uzayı sınıfı üzerinde sonsuz boyutlu ekonomilerdeki talep fonksiyonlarının varlığının bir karakterizasyonu, Istanbul University, Fen Bilimleri Enstitüsü, Matematik (YI) (Tezli), 2009

Research Areas

Marine Sciences and Technology

Academic Titles / Tasks

Assistant Professor, Istanbul Gelisim University, FACULTY OF ECONOMICS, ADMINISTRATIVE AND SOCIAL SCIENCES, LOGISTICS MANAGEMENT, 2017 - Continues

Academic and Administrative Experience

Manager of Research and Application Center, Istanbul Gelisim University, 2022 - Continues
Istanbul Gelisim University, 2021 - Continues
Istanbul Gelisim University, 2021 - Continues
Istanbul Gelisim University, 2017 - Continues
Istanbul Gelisim University, 2017 - Continues
Istanbul Gelisim University, 2017 - Continues

Courses

YEŞİL LOJİSTİK, Undergraduate, 2022 - 2023, 2021 - 2022
ULAŞTIRMA POLİTİKALARI, Postgraduate, 2022 - 2023
TEDARİK ZİNCİRİ YÖNETİMİNDE SAYISAL MODELLER, Undergraduate, 2022 - 2023
DENİZ TAŞIMACILIĞI VE İŞLETMECİLİĞİ, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018
TAŞIMACILIK TÜRLERİ VE UYGULAMALARI, Postgraduate, 2022 - 2023, 2019 - 2020, 2018 - 2019, 2017 - 2018
YEŞİL LOJİSTİK VE UYGULAMALARI, Postgraduate, 2022 - 2023
LİMAN YÖNETİMİ, Undergraduate, 2021 - 2022, 2020 - 2021
ULAŞTIRMA STRATEJİLERİNİN ANALİZİ, Postgraduate, 2021 - 2022
ULUSLARARASI TAŞIMACILIK, Undergraduate, 2019 - 2020
LOJİSTİK VE TEDARİK ZİNCİRİ YÖNETİMİ, Undergraduate, 2019 - 2020
DEMİRYOLU TAŞIMACILIĞI, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018
İSTATİSTİK, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018
İŞ SAĞLIĞINDA VE GÜVENLİĞİNDE İSTATİSTİK, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018
TEHLİKELİ MADDE TAŞIMACILIĞI, Undergraduate, 2019 - 2020, 2018 - 2019
LOJİSTİK YATIRIMLARI FİNANSMANI, Postgraduate, 2019 - 2020
ENTEĞRE TAŞIMACILIK YÖNETİMİ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018
LİMAN YÖNETİM, Undergraduate, 2019 - 2020, 2017 - 2018
KARAYOLU TAŞIMACILIĞI, Undergraduate, 2019 - 2020
TEDARİK ZİNCİRİ VE LOJİSTİKTE BİLİŞİM TEKNOLOJİLERİ, Postgraduate, 2018 - 2019, 2017 - 2018
ULAŞTIRMA POLİTİKALARI, Undergraduate, 2018 - 2019, 2017 - 2018
LOJİSTİĞE GİRİŞ, Undergraduate, 2018 - 2019
MATEMATİK 2, Undergraduate, 2018 - 2019
LOJİSTİK MALİYETLERİ VE RAPORLAMA, Undergraduate, 2017 - 2018
HAVACILIK İSTATİSTİĞİ, Undergraduate, 2017 - 2018
TÜRK GÜMRÜK TARİFE CETVELİ VE İZAHNAMESİ, Undergraduate, 2017 - 2018
DENİZCİLİK VE GEMİCİLİK BİLGİSİ, Associate Degree, 2016 - 2017
MATEMATİK 3, Undergraduate, 2016 - 2017
İSTATİSTİK, Undergraduate, 2016 - 2017
YOLCU TAŞIMACILIĞI SİSTEMLERİ, Associate Degree, 2016 - 2017
FİNANSAL MATEMATİK, Associate Degree, 2016 - 2017
MATEMATİK, Associate Degree, 2016 - 2017
İSTATİSTİK 2, Undergraduate, 2015 - 2016
GEMİ TEDARİK YÖNETİMİ, Associate Degree, 2015 - 2016
İSTATİSTİK, Undergraduate, 2015 - 2016
MATEMATİK 3, Undergraduate, 2011 - 2012, 2010 - 2011
MATEMATİK 2, Undergraduate, 2010 - 2011, 2009 - 2010
MATEMATİK 1, Undergraduate, 2010 - 2011, 2009 - 2010
BİLGİSAYAR 1, Undergraduate, 2008 - 2009, 2007 - 2008

BİLGİSAYAR 2, Undergraduate, 2008 - 2009, 2007 - 2008
TOPOLOJİ, Undergraduate, 2008 - 2009, 2007 - 2008
FONKSİYONEL ANALİZ, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007
ANALİZ 1, Undergraduate, 2008 - 2009, 2007 - 2008
ANALİZ 2, Undergraduate, 2008 - 2009, 2007 - 2008

Advising Graduates (Non-Thesis)

Mersin K., MARITIME TRANSPORTATION, Masters (Non-Thesis), M.KARA(Student), 2023
Mersin K., TÜRKİYE'DE LOJİSTİK KÖYÜ UYGULAMALARI: HADIMKÖY ÖRNEĞİ, Masters (Non-Thesis), U.BULUT(Student), 2023
Mersin K., Properties and Importance of Strait of Istanbul, Masters (Non-Thesis), İ.ŞİMŞEK(Student), 2023
Mersin K., Major Maritime Accidents in the 20th and 21st Centuries, Masters (Non-Thesis), F.DEMİRTAŞ(Student), 2023

Jury Memberships

Academic Staff Examination, Academic Staff Examination, İstanbul Gelişim Üniversitesi, December, 2023
Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, December, 2023
Post Graduate, Post Graduate, İstanbul Gelişim Üniversitesi, July, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Possible Effects of the Canal Istanbul Waterway Project on Ship Emissions: Challenges and Prospects**
MERSİN K., BAYIRHAN İ., YILDIRIM M.
JOURNAL OF COASTAL RESEARCH AN INTERNATIONAL FORUM FOR THE LITTORAL SCIENCES, vol.40, no.1, pp.210-2222, 2024 (SCI-Expanded)
- II. **Comparative analysis of the USA's Washington Ferries and road transport carbon emissions using the Trozzi and Vaccaro and Greatest Integer functions**
MERSİN K., YILDIRIM M., Alola A. A.
Environmental Science and Pollution Research, vol.30, no.36, pp.85113-85124, 2023 (SCI-Expanded)
- III. **A comparative CO2 emissions analysis and mitigation strategies of short-sea shipping and road transport in the Marmara Region**
ÜLKER D., BAYIRHAN İ., Mersin K., GAZİOĞLU C.
Carbon Management, vol.12, no.1, pp.1-12, 2021 (SCI-Expanded)
- IV. **Review of Total Emission of Transit Ships in the Dardanelle which Including Possible CO2 Emission of 1915 Canakkale Bridge**
Mersin K.
Thermal Science, vol.24, 2020 (SCI-Expanded)
- V. **ANALYSIS OF THE EFFECTS OF CO2 EMISSIONS SOURCED BY COMMERCIAL MARINE FLEET BY USING ENERGY EFFICIENCY DESIGN INDEX**
Mersin K., BAYIRHAN İ., GAZİOĞLU C.
Thermal Science, vol.24, no.1, 2020 (SCI-Expanded)
- VI. **Review of CO2 emission and reducing methods in maritime transportation**
Mersin K., BAYIRHAN İ., GAZİOĞLU C.
Thermal Science, vol.23, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **DENİZ TAŞIMACILIĞINDA GEMİ AĞIRLIĞININ İHMAL EDİLDİĞİ MODELİN EKSİKLİKLERİ VE ETKİLERİ**
MERSİN K.
Uluslararası Batı Karadeniz Mühendislik ve Fen Bilimleri Dergisi, vol.4, no.1, 2022 (Peer-Reviewed Journal)
- II. **A New Formula for Calculation of Optimum Displacement and Its Effects**
MERSİN K., YILDIRIM M.
International Journal of Environment and Geoinformatics, vol.9, no.3, pp.21-26, 2022 (Peer-Reviewed Journal)
- III. **İSTANBUL'DAKİ TAŞIMACILIK TÜRLERİNİN DEĞERLENDİRİLMESİ VE DENİZ YOLU TAŞIMACILIĞININ DAHA ETKİLİ KULLANILMASI**
BAYIRHAN İ., EROĞLU PEKTAŞ G. Ö., MERSİN K.
TURAN-SAM, vol.13, no.51, pp.272-281, 2021 (Peer-Reviewed Journal)
- IV. **CO2 Emission Per Capita at a Cruise Voyage in Caribbean Area**
MERSİN K., SALAR A.
International Journal of Scientific and Technological Research, vol.7, no.2, pp.1-10, 2021 (Peer-Reviewed Journal)
- V. **Greenhouse Gas Emission due to Fuel Consumption in Maritime Transportation**
MERSİN K., RAMAZAN S.
International Journal of Scientific and Technological Research, vol.6, no.9, pp.17-20, 2020 (Peer-Reviewed Journal)
- VI. **A New Method for Calculating Fuel Consumption by Using Speed Loss Function**
MERSİN K.
International Journal of Environment and Geoinformatics, vol.7, no.1, pp.64-67, 2020 (Peer-Reviewed Journal)
- VII. **Deplasman Fonksiyonunun Özellikleri ve Yakıt Tüketim Fonksiyonuna Uygulaması**
MERSİN K.
TURAN-SAM(TURAN Stratejik Araştırmalar Merkezi), vol.12, no.45, pp.32-36, 2020 (Peer-Reviewed Journal)
- VIII. **PERMÜTASYON FONKSİYONU YARDIMI İLE YARIMADA TAŞIMACILIĞININ MODELLEMESİ**
MERSİN K., YILDIZ M.
TURAN-SAM, vol.12, no.45, pp.176-182, 2020 (Peer-Reviewed Journal)
- IX. **Modelling of Ship Originated Exhaust Gas Emissions in the Strait of Istanbul (Bosphorus)**
BAYIRHAN İ., MERSİN K., TOKUŞLU A., GAZİOĞLU C.
International Journal of Environment and Geoinformatics, vol.6, no.3, pp.238-243, 2019 (Peer-Reviewed Journal)
- X. **Finding Optimal Number of Ship with the Greatest Integer Function in Maritime Transportation**
MERSİN K., ALKAN G.
International Journal of Scientific and Technological Research, 2019 (Peer-Reviewed Journal)
- XI. **Mathematical Model of The Traveling Salesman Problem with Delivery and Draft Limit**
MERSİN K., NUR C.
International Journal of Engineering Technologies-IJET, vol.5, no.2, 2019 (Peer-Reviewed Journal)
- XII. **Limanların Bölgesel ve Ekonomik Etkileri: Tekirdağ-Ren Nehri Karşılaştırması**
Eroğlu Pektaş G. Ö., Mersin K., Ormanlı F.
Uludağ Üniversitesi Fen Edebiyat Fakültesi Sosyal Bilimler Dergisi, vol.19, no.35, pp.757-775, 2018 (Peer-Reviewed Journal)
- XIII. **A new method for calculating fuel consumption and displacement of a ship in maritime transport**
Mersin K., Alkan G., Mısırhoğlu T.
Cogent Engineering, vol.4, no.1, 2017 (Scopus)

Books & Book Chapters

- I. **DENİZ TAŞIMACILIĞINDA SÜRDÜRÜLEBİLİRLİĞİN GELİŞTİRİLMESİ: ARKTİK ROTA ANALİZİ**
Mersin K., Yıldırım M.
in: Sosyal, Beşeri ve İdari Bilimler Temel Alanında Akademik Çalışmalar-III (2023 / 3), Yener,Lütfü MERT, Editor, KARADENİZ KİTAP LTD. ŞTİ., İstanbul, pp.115-130, 2023
- II. **DÜNYADA ve TÜRKİYE'DE DENİZYOLU TAŞIMACILIĞI ve DENİZYOLU TAŞIMACILIĞININ ÇEVREYE ETKİLERİNİN ANALİZİ**

MERSİN K.

İstanbul Gelişim Üniversitesi Yayınları, İstanbul, 2021

III. **Deniz Taşımacılığında Yakıt Tüketimi ve Graf Teorisi Uygulamaları**

MERSİN K.

E-KİTAP YAYINCILIK, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **İstanbul Boğazı'nda Gemi Kaynaklı Kirliliğin İncelenmesi:2030 Yılı Tahmini Emisyonları**
ALKAN G., MERSİN K.
Marmara Denizi 2022 Sempozyumu, İstanbul, Turkey, 08 January 2022, pp.124-127
- II. **Deniz Taşımacılığında Yakıt Tüketimi ve CO2 Salınımı İçin Kullanılan Yöntemler ve Karşılaştırmaları**
MERSİN K.
ICAR ULUSLARARASI AKADEMİK ARAŞTIRMALAR KONGRESİ, Bolu, Turkey, 20 - 22 July 2020
- III. **Deniz Taşımacılığında CO2 Salınım Değeri Hesaplanması İçin Yeni Bir Yöntem**
MERSİN K.
HEZARFEN Uluslararası Fen Matematik ve Mühendislik Bilimleri Kongresi, İzmir, Turkey, 8 - 10 November 2019
- IV. **The Importance of Container Trade in Maritime Transport**
MERSİN K.
InTraders, Sakarya, Turkey, 7 - 09 October 2019

Scientific Refereeing

International Journal of Environment and Geoinformatics, Other Indexed Journal, June 2023