

Asst. Prof. UMUR BUCAK

Personal Information

Email: umur.bucak@kocaeli.edu.tr

Web: <https://avesis.kocaeli.edu.tr/A5820>

International Researcher IDs

ORCID: 0000-0001-5112-8133

Publons / Web Of Science ResearcherID: ABI-5331-2020

ScopusID: 5754507950

Yoksis Researcher ID: 35190

Education Information

Doctorate, Zonguldak Bülent Ecevit University, Faculty Of Economics And Administrative Sciences, Turkey 2017 - 2021

Postgraduate, Dokuz Eylul University, Denizcilik Fakültesi, Denizcilik İşletmeleri Yönetimi Bölümü (İng), Turkey 2013 - 2016

Undergraduate, Zonguldak Bülent Ecevit University, Faculty Of Maritime, Turkey 2008 - 2012

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Konteyner terminalleri için operasyonel performans bileşenleri: Bir kavramsal model, Zonguldak Bülent Ecevit University, 2021

Postgraduate, Green performance criteria and sustainable port concept: A comparative analysis, Dokuz Eylul University, Denizcilik Fakültesi, Denizcilik İşletmeleri Yönetimi Bölümü (İng), 2016

Research Areas

Marine Management and Administration

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Expected utilities of liner shipping market trends: how can companies benefit?**
BUCAK U.
International Journal of Shipping and Transport Logistics, vol.18, no.1, pp.92-110, 2024 (SSCI)
- II. **Expected Utilities of Liner Shipping Market Trends: How Companies Can Benefit from?**
Bucak U.
INTERNATIONAL JOURNAL OF SHIPPING AND TRANSPORT LOGISTICS, vol.1, no.1, pp.1-18, 2023 (SSCI)
- III. **Supply Chain Integration of Liner Shipping Companies towards Hinterland: An Accelerator Effect of Covid-19**

- Bucak U., Oral G.
INTERNATIONAL JOURNAL OF SHIPPING AND TRANSPORT LOGISTICS, vol.1, no.1, pp.1-18, 2023 (SSCI)
- IV. **Evaluation of various fuel alternatives in terms of sustainability for the ship investment decision using single valued neutrosophic numbers with TOPSIS methods**
Mollaoglu M., Bucak U., Demirel H., BALIN A.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT, vol.237, no.1, pp.215-226, 2023 (SCI-Expanded)
- V. **How to integrate ports into the EU ETS: the CAS approach perspective**
Ayaz İ. S., BUCAK U., ESMER S.
International Journal of Logistics Management, 2023 (SSCI)
- VI. **Resilience Strategies of Ports against Covid-19 in Terms of Chaos Theory**
Ayaz İ. S., Bucak U., Mollaoğlu M., Esmer S.
MARINE POLICY, vol.146, 2022 (SSCI)
- VII. **THE APPLICATION OF FUZZY AHP - VIKOR HYBRID METHOD TO INVESTIGATE THE STRATEGY FOR REDUCING AIR POLLUTION FROM DIESEL POWERED VESSELS**
Demirel H., Mollaoglu M., Bucak U., Arslan T., BALIN A.
INTERNATIONAL JOURNAL OF MARITIME ENGINEERING, vol.162, pp.289-298, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Port personnel recruitment process based on dynamic capabilities: port managers' priorities vs customer evaluations**
BUCAK U., MOLLAOĞLU M., DİNÇER M. F.
Maritime Business Review, vol.8, no.3, pp.238-254, 2023 (ESCI)
- II. **Evaluating Trigger Effects of Covid-19 on Supply Chain Integration**
ORAL G., MOLLAOĞLU M., BUCAK U.
Journal of Transportation and Logistics, vol.8, no.1, pp.29-35, 2023 (Peer-Reviewed Journal)
- III. **Konteyner Limanlarında Geleneksel İstifleme Yöntemlerinin Kaynak Temelli Yaklaşım Bağlamında Bulanık AHP Yöntemiyle Analizi: Sistemsel Bir Öneri**
BUCAK U., Kendir T. E.
Gemi ve Deniz Teknolojisi, vol.223, pp.64-78, 2023 (Peer-Reviewed Journal)
- IV. **Analysing seafarer selection criteria in the context of talent management: Implications for Turkish seafarer market**
DİNÇER M. F., MOLLAOĞLU M., BUCAK U.
CASE STUDIES ON TRANSPORT POLICY, vol.15, no.2024, pp.1-9, 2023 (ESCI)
- V. **Deniz Taşımacılığında Dekarbonizasyon Uygulamalarının Kaynak Temelli Görüş Bağlamında Alternatif Yakıtlar Açısından Değerlendirilmesi**
BAYRAKTAR M., BUCAK U., DEMİREL H.
Gemi ve Deniz Teknolojisi, vol.2022, no.222, pp.9-26, 2022 (Peer-Reviewed Journal)
- VI. **A Priority Analysis on Emission Reduction Strategies in Foreland and Hinterland of Ports**
BUCAK U.
Journal of Transportation and Logistics, vol.7, no.1, pp.83-94, 2022 (Peer-Reviewed Journal)
- VII. **Evaluating Occupational Health and Safety Applications: A Framework for Turkish Container Ports**
Çoban S., DEMİREL H., BUCAK U.
Journal of Transportation and Logistics, vol.6, no.2, pp.137-147, 2021 (Peer-Reviewed Journal)
- VIII. **Analysis of Strategies to Reduce Air Pollution from Vessels: A Case for the Strait of Istanbul**
Bucak U., Arslan T., Demirel H., BALIN A.
JOURNAL OF ETA MARITIME SCIENCE, vol.9, no.1, pp.22-30, 2021 (ESCI)
- IX. **Kruvaziyer Gemilerinde Emniyet Riski Oluşturan Faktörlerin Değerlendirilmesine Yönelik Bir Çalışma**
Bebek İ., Altun N., BUCAK U., DEMİREL H.

Dokuz Eylül Üniversitesi Denizcilik Fakültesi Dergisi, vol.12, pp.73-83, 2020 (Peer-Reviewed Journal)

- X. **Dimensions of the Port Performance: A Review of Literature**
Bucak U., Basaran I. M., ESMER S.
JOURNAL OF ETA MARITIME SCIENCE, vol.8, no.4, pp.214-240, 2020 (ESCI)
- XI. **Contemporary trends in shipping: A relation analysis by fuzzy dematel method**
BUCAK U., DEMİREL H.
Transport Logistics: The International Journal, vol.19, no.46, pp.35-47, 2019 (Peer-Reviewed Journal)
- XII. **A Quantitative Analysis of the Factors That May Cause Occupational Accidents at Ports**
Mollaoglu M., Bucak U., Demirel H.
JOURNAL OF ETA MARITIME SCIENCE, vol.7, no.4, pp.294-303, 2019 (ESCI)
- XIII. **Çok Kriterli Karar Verme Yöntemleriyle Bölgesel Liman Kuruluş Yeri Seçimi: Batı Karadeniz’de Bir Uygulama**
PEKKAYA M., BUCAK U.
Uluslararası İktisadi ve İdari İncelemeler Dergisi, vol.0, pp.253-268, 2018 (Peer-Reviewed Journal)
- XIV. **Determinants of Freight Rates: A Study on the Baltic Dry Index**
YILDIZ B., BUCAK U.
İstanbul Gelişim Üniversitesi Sosyal Bilimler Dergisi, vol.4, no.2, pp.17-32, 2018 (Peer-Reviewed Journal)
- XV. **Financial Health Performance Analysis of the Football Clubs: A Study in BIST Sport Index by Using COPRAS Method**
YILDIZ B., BUCAK U.
Namık Kemal Üniversitesi Sosyal Bilimler Metinleri, pp.14-24, 2017 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Covid-19 Döneminde Denizcilik Araştırmaları: Sistematiik Bir Literatür Taraması**
BUCAK U., AYAZ İ. S.
in: Sosyal, Beşeri ve İdari Bilimler Alanında Uluslararası Araştırmalar XXV, Aysel Öztürkçü Akçay, Editor, Eğitim Yayınevi, Ankara, pp.155-176, 2023
- II. **KONTEYNER TERMİNALLERİNDE KAPASİTE SORUNUNA STRATEJİK BİR YAKLAŞIM: YÜKSEK KATLI SİSTEMLER ÜZERİNE BİR İLİŞKİ ANALİZİ**
Kendir T. E., BUCAK U.
in: DENİZCİLİKTE DISİPLİNLERARASI ÇALIŞMALAR, Murat Yorulmaz, Editor, Nobel Akademik Yayıncılık, Ankara, pp.337-354, 2023
- III. **Maritime Supply Chain Resilience Applications in the COVID-19 Pandemic**
BUCAK U., DEMİREL H.
in: Multi-Criteria Decision Analysis: Case Studies in Disaster Management, Muhammet Gül, Melih Yücesan, Melike Erdoğan, Editor, CRC Press, Boca Raton, Florida, pp.55-70, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Reflections of Autonomous Systems on the Labour Force of the Maritime Industry: An Explanatory Study**
AKTEPE Ç., AYAZ İ. S., BAYIRHAN İ., BUCAK U.
4th INTERNATIONAL NAVAL ARCHITECTURE AND MARITIME SYMPOSIUM, İstanbul, Turkey, 11 - 13 October 2023, pp.171-181
- II. **A Content Analysis on Overcapacity Problem of Maritime Transport in the Post-Pandemic Era**
BUCAK U.
I. INTERNATIONAL MARITIME AND LOGISTICS CONGRESS, Zonguldak, Turkey, 22 - 23 September 2023, pp.58-65
- III. **Denizyolu Taşımacılığında Piyasa Eğilimleri Kapsamında Şirketlerin Hedefleri: Bir Literatür**

Araştırması

BUCAK U.

11. Ulusal Lojistik ve Tedarik Zinciri Kongresi, Kocaeli, Turkey, 12 - 13 May 2022, pp.29

- IV. **Accelerating Effect of Covid-19 Pandemic on Supply Chain Integration of Liner Shipping Companies: A Relational Analysis**
ORAL G., MOLLAOĞLU M., BUCAK U.
ULUSLARARASI ÜRETİM VE TEDARİK ZİNCİRİ SEMPOZYUMU, Sinop, Turkey, 9 - 10 June 2022, pp.9-10
- V. **Covid-19 Pandemisi Sürecinde Deniz Taşımacılığı Tedarik Zincirinde Risk Yönetimi Uygulamaları**
BUCAK U., DEMİREL H., MOLLAOĞLU M.
IV. Ulusal Mühendislikte Bilimsel ve Mesleki Çalışmalar Kongresi, Turkey, 23 December 2021, pp.180-187
- VI. **An Evaluation to Improve Quality of Maritime Education in Turkey**
MOLLAOĞLU M., DEMİREL H., BUCAK U.
4th Global Maritime Conference (GMC'21), Hatay, Turkey, 18 - 19 November 2021
- VII. **How Covid-19 Changed Container Ports in the Context of Resilience**
BUCAK U., AYAZ İ. S., MOLLAOĞLU M.
V. Ulusal / I. Uluslararası Liman Kongresi, İzmir, Turkey, 4 - 05 November 2021, pp.10-21
- VIII. **Endüstri 4.0 in Kruvaziyer Turizmin Gelişimine Yönelik Olası Katkıları**
MOLLAOĞLU M., BUCAK U., DEMİREL H.
5. Ulusal Deniz Turizmi Sempozyumu, İzmir, Turkey, 28 - 29 February 2020
- IX. **The Potential Effects of the BRI Project on Maritime Trade in the Black Sea Region**
MOLLAOĞLU M., BUCAK U., DEMİREL H.
International Black Sea Coastline Countries Symposium-3, 18 - 20 October 2019
- X. **An Evaluation on New Trends in Logistics Systems**
BUCAK U., DEMİREL H.
5th International Caucasus-Central Asia Foreign Trade and Logistics Congress, 19 - 20 September 2019
- XI. **Evaluation of the Maritime 4.0 Using the AHP Method**
BUCAK U., DİNÇER M. F., DEMİREL H.
III. Global Conference on Innovation in Marine Technology and the Future of Maritime Transportation, İzmir, Turkey, 18 - 19 April 2019, pp.123-137
- XII. **Gemi İnşa Kararına Etki Eden Faktörlerin AHP Yöntemiyle Değerlendirilmesi**
BUCAK U., DEMİREL H., DİNÇER M. F.
8. Ulusal Lojistik ve Tedarik Zinciri Kongresi, Niğde, Turkey, 25 - 27 April 2019, pp.293-299
- XIII. **The Components of the Port Hinterland Performance: A Literature Review Study**
BUCAK U., ESMER S.
III. Global Conference on Innovation in Marine Technology and the Future of Maritime Transportation, İzmir, Turkey, 18 - 19 April 2019
- XIV. **Uluslararası Deniz Taşımacılığının Geleceği ve Temel Problemlerinin DEMATEL Yöntemiyle Değerlendirilmesi**
BUCAK U., DEMİREL H.
Uluslararası Kafkasya-Orta Asya Dış Ticaret ve Lojistik Kongresi, Aydın, Turkey, 7 - 08 September 2018, pp.263-270
- XV. **(1933) Üniversite Reformu ve Malche Raporu'nda İşaret Edilen Eksikliklerin Değerlendirilmesi**
SAMUR M., BUCAK U.
5th International Eurasian Educational Research Congress, Antalya, Turkey, 2 - 05 May 2018, pp.1078-1080
- XVI. **Yükseköğretimde Kalite Göstergelerinin Belirlenmesi: Bir Literatür Taraması**
BUCAK U., SAMUR M.
5th International Eurasian Educational Research Congress, Antalya, Turkey, 2 - 05 May 2018, pp.1081-1083
- XVII. **Evaluation of Green Performance Indicators' Priority Perception in Terms of Sustainable Port Concept: A Comparative Analysis for Turkish Ports**
BUCAK U., KULEYİN B.
1st International Congress on Ship and Marine Technology, İstanbul, Turkey, 8 - 09 December 2016, pp.249-260

XVIII. A Literature Review on Green Port-Related Studies

BUCAK U., KULEYİN B.

II. GLOBAL CONFERENCE ON INNOVATION IN MARINE TECHNOLOGY AND THE FUTURE OF MARITIME
TRANSPORTATION, Muğla, Turkey, 24 - 25 October 2016, pp.368-376