

Res. Asst. Gizem Kayışođlu

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABF-5625-2020

ScopusID: 57221682499

Yoksis Researcher ID: 265859

Education Information

Doctorate, Istanbul Technical University, Denizcilik, Deniz Ulařtırma İřletme Mühendisliđi, Turkey 2019 - Continues

Postgraduate, Istanbul Technical University, Denizcilik, Deniz Ulařtırma İřletme Mühendisliđi, Turkey 2016 - 2019

Undergraduate Double Major, Istanbul Technical University, Elektrik-Elektronik, Elektronik Ve Haberleřme Mühendisliđi, Turkey 2011 - 2019

Undergraduate, Istanbul Technical University, Denizcilik, Deniz Ulařtırma İřletme Mühendisliđi, Turkey 2011 - 2016

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Vocational Training, Journal of ETA Maritime Science Webinar Serisi - Referans Yönetim Sistemi, Gemi Makineleri İřletme Mühendisleri Odası, 2021

Other, YAKAMOZ 2021: IV. Deniz VE Kadın Sempozyumu, Gemi Makineleri İřletme Mühendisleri Odası, 2021

Quality Management, Süreç Yönetimi Bilgilendirme Eđitimi, Istanbul Technical University, 2020

Quality Management, Kalite Bilinçlendirme ve Bilgilendirme Eđitimi, Istanbul Technical University, 2020

Cyber Security, Denizcilik Siber Güvenlik Farkındalık Semineri, Türk Uzakyol Gemi Kaptanları Derneđi, 2017

Cyber Security, Cybersecurity Solutions to an Emerging Problem, ABS Seminar, 2017

Cyber Security, Ethical Hacker-CEH V9 Education, Bilginç IT Academy, 2017

Cyber Security, Siber Güvenliđe Giriř Eđitimi, Ađ Yöneticileri Derneđi, 2017

Other, YAKAMOZ 2017: Deniz ve Kadın Sempozyumu, Gemi Makineleri İřletme Mühendisleri Odası, 2017

Vocational Training, II.Global Conference on Innivation in Marine Technology and Future of Maritime Transportation,

Global Maritime Conference 2016, Gemi Makineleri İřletme Mühendisleri Odası, 2016

Logistics, Forum Logistics Panel, Yeditepe University, 2016

Other, YAKAMOZ2016: Deniz ve Kadın Sempozyumu, Gemi Makineleri İřletme Mühendisleri Odası, 2016

Dissertations

Postgraduate, Antecedents and consequences of cyber security awareness: A case study for maritime sector, Istanbul Technical University, Denizcilik, Deniz Ulařtırma İřletme Mühendisliđi, 2019

Research Areas

Engineering and Technology

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, 2017 - Continues

Academic and Administrative Experience

Araştırma Görevlisi Fakülte Temsilcisi, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, 2021 - Continues

Bölüm Kalite Komisyonu Üyesi, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, 2020 - Continues

Birim Kalite Komisyonu Üyesi, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluating SLIM-based human error probability for ECDIS cybersecurity in maritime**
Kayışoğlu G., Bolat P., Tam K.
JOURNAL OF NAVIGATION, vol.75, no.6, pp.1364-1388, 2022 (SCI-Expanded)
- II. **SLIM based methodology for human error probability calculation of bunker spills in maritime operations**
Kayışoğlu G., Gunes B., Besikci E. B.
RELIABILITY ENGINEERING & SYSTEM SAFETY, vol.217, 2022 (SCI-Expanded)
- III. **Cyber security risk assessment for seaports: A case study of a container port**
Gunes B., Kayışoğlu G., Bolat P.
Computers and Security, vol.103, 2021 (SCI-Expanded)

Articles Published in Other Journals

- I. **A slim based approach for human error probability of steel scrap cargo operations as a critical process in the maritime sector**
Kayışoğlu G., Bolat F.
POMORSTVO-SCIENTIFIC JOURNAL OF MARITIME RESEARCH, vol.36, no.1, pp.22-30, 2022 (ESCI)
- II. **ARMA Model-Based Prediction of the Number of Vessels Navigating the Istanbul Strait Unassisted by Maritime Pilots**
Bolat P., Kayışoğlu G.
Transactions on Maritime Science, vol.10, no.1, pp.1-14, 2021 (Scopus)
- III. **EVALUATION OF THE TURKISH MARINE TRADE FLEET IN TERMS OF SHIP SIZES AND MAIN ENGINE POWERS**
Kayışoğlu G., Bolat F.
Eurasian Academy of Sciences Eurasian Econometrics, Statistics & Empirical Economics Journal, vol.18, pp.44-63, 2021 (Peer-Reviewed Journal)
- IV. **Weighting Key Factors for Port Congestion by AHP Method**
Bolat P., Kayışoğlu G., Gunes E., Kizilay F. E., Ozsogut S.
JOURNAL OF ETA MARITIME SCIENCE, vol.8, no.4, pp.252-273, 2020 (ESCI)

V. Acceleration Logger and Analyzer

Kayıoğlu G., Canpolat S., Aydın A. D., Küçüktaş N., Hüner M.

The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), vol.7, pp.9-22, 2019 (Conference Book)

VI. Antecedents and Consequences of Cybersecurity Awareness: A Case Study for Turkish Maritime Sector

Bolat P., Kayıoğlu G.

Journal of ETA Maritime Science, vol.7, no.4, pp.344-360, 2019 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. Relationship Between the Amount of Container Cargo Handled in Turkey with The Number of Turkish-Flagged Container Vessel

Pehlivan D., Yüksel G.

III. Global Conference on Innovation in Marine Technology and the Future of Maritime Transportation - GMC, İzmir, Turkey, 18 - 19 April 2019, pp.371-382

II. Analyzing Organizational Culture for Innovation Performance in Maritime Industry

Bolat P., Yüksel G., Bolat F., İşıaık Çolak T.

III. Global Conference on Innovation in Marine Technology and the Future of Maritime Transportation, İzmir, Turkey, 18 - 19 April 2019, pp.253-267

III. Tehlikeli Madde Taşımacılığının İntermodel Ulaştırma Açısından Değerlendirilmesi

Çığ N., Yüksel G., Bolat P.

International Congress on Engineering and Architecture, Antalya, Turkey, 14 - 16 November 2018, pp.2226-2237

IV. Sistem Dinamikleri Modellemesi ile Türkiye Limanı için Optimum Konteyner Gemi Sayısını Belirleme

Yüksel G., Bolat P.

International Congress on Engineering and Architecture, Antalya, Turkey, 14 - 16 November 2018, pp.2210-2225

V. Evaluating Cyber Security Awareness In Maritime Domain

Bolat P., Yüksel G., Uygur S.

International Conference on Science and Technology-ICONST, Prizren, Kosovo, 5 - 09 September 2018, pp.98

VI. System Dynamics Modelling For Determining Optimal Ship Sizes And Types

Yüksel G., Bolat P., Kayıoğlu M.

International Conference on Science and Technology-ICONST, Prizren, Kosovo, 5 - 09 September 2018, pp.97

VII. A Study For Understanding Cyber Security Awareness Among Turkish Seafarers

Bolat P., Yüksel G., Uygur S.

The Second Global Maritime Conference on Innovation in Maritime Technology and the Future of Maritime Transportation, Muğla, Turkey, 24 - 25 October 2016, pp.278-289

Activities in Scientific Journals

Journal of ETA Maritime Science, Assistant Editor/Section Editor, 2020 - Continues

Tasks In Event Organizations

Kayıoğlu G., III. Global Conference On Innovation in Marine Technology and The Future of Maritime Transportation, Scientific Congress, İzmir, Turkey, Nisan 2019

Kayıoğlu G., Denizcilik Eğitimi Çalıştayı, Workshop Organization, İstanbul, Turkey, Kasım 2018

Metrics

Publication: 20

Citation (WoS): 8

Citation (Scopus): 19

H-Index (WoS): 2

H-Index (Scopus): 1

Non Academic Experience

The University of Plymouth

Professional Chamber, TMMOB Gemi Makineleri İşletme Mühendisleri Odası, GEMİMO

i-Marine Deniz Teknolojileri ve Araştırmaları