

Assoc. Prof. MEHMET KAPTAN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAJ-9918-2020

ScopusID: 57193543596

Yoksis Researcher ID: 33733

Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma ve İşletme Mühendisliği Anabilim Dalı, Turkey 2015 - 2019

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma ve İşletme Mühendisliği Anabilim Dalı, Turkey 2012 - 2015

Undergraduate, Dokuz Eylül University, Deniz Ulaştırma Ve İşletme Mühendisliği, Turkey 2002 - 2006

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Denizde Güvenlik Eğiticileri Eğitimi Sertifikası, İstanbul Teknik Üniversitesi, 2017

Education Management and Planning, Simülasyon Eğiticilerin Eğitimi Sertifikası, Karadeniz Teknik Üniversitesi, 2017

Education Management and Planning, Pedagojik Formasyon Eğitimi Sertifikası, Recep Tayyip Erdoğan Üniversitesi, 2016

Education Management and Planning, Denizcilik Okulları Kalite Standartları Tetkikçisi, Ulaştırma Denizcilik ve Haberleşme Bakanlığı, 2013

Education Management and Planning, Denizci Eğitimsi Sertifikası, Ulaştırma, Denizcilik ve Haberleşme Bakanlığı, 2012

Dissertations

Doctorate, Teknolojinin Gemi Kazalarının Oluşumundaki Yeri ve Öneminin Analizi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2019

Postgraduate, Türkiye'de Kılavuzluk Hizmetleri ve Kılavuz Kaptan Profili, Karadeniz Technical University, Fen Bilimleri Enstitüsü, 2015

Research Areas

Marine Sciences and Technology, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Recep Tayyip Erdogan University, Turgut Kiran Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği, 2023 - Continues

Assistant Professor, Recep Tayyip Erdogan University, Turgut Kiran Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği, 2021 - 2023

Lecturer, Recep Tayyip Erdogan University, Turgut Kiran Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği, 2012 - 2021

Academic and Administrative Experience

Member of the Senate, Recep Tayyip Erdogan University, Turgut Kiran Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği, 2022 - Continues

Vice Dean, Recep Tayyip Erdogan University, Turgut Kiran Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği, 2021 - Continues

Courses

Tanker İşlemleri I, Undergraduate, 2019 - 2020

Tanker İşlemleri-II, Undergraduate, 2019 - 2020

Tanker İşlemleri I, Undergraduate, 2020 - 2021

Yük İşlemleri ve Gemi Stabilitesi-II, Undergraduate, 2020 - 2021

Yük İşlemleri ve Gemi Stabilitesi-III, Undergraduate, 2020 - 2021

Bitirme Çalışması, Undergraduate, 2019 - 2020

Meteoroloji, Undergraduate, 2020 - 2021

Yük İşlemleri ve Gemi Stabilitesi I, Undergraduate, 2019 - 2020

Yük işlem ve Gemi stabilitesi-1, Undergraduate, 2018 - 2019, 2017 - 2018

Tanker işlemleri-1, Undergraduate, 2018 - 2019

BİTİRME ÇALIŞMASI, Undergraduate, 2018 - 2019, 2017 - 2018

Tanker işlemleri-II, Undergraduate, 2018 - 2019, 2017 - 2018

Yük işlem ve Gemi stabilitesi-III, Undergraduate, 2018 - 2019, 2017 - 2018

TANKER İŞLEMLERİ-I, Undergraduate, 2018 - 2019

Yük işlem ve Gemi stabilitesi-II, Undergraduate, 2018 - 2019, 2017 - 2018

SEYİR-II, Undergraduate, 2017 - 2018

METEROLOJİ, Undergraduate, 2018 - 2019, 2017 - 2018

Tanker işlemleri-1, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Dynamic risk analysis of allision in port areas using DBN based on HFACS-PV**
Bayazit O., Kaptan M.
OCEAN ENGINEERING, vol.298, pp.1-17, 2024 (SCI-Expanded)
- II. **Fuzzy Bayesian network analysis of the factors causing food losses in reefer containers**
KAPTAN M., BAYAZİT O.

- JOURNAL OF FOOD PROCESS ENGINEERING, vol.46, no.7, 2023 (SCI-Expanded)
- III. **Evaluation of the risk of pollution caused by ship operations through bow-tie-based fuzzy Bayesian network**
BAYAZİT O., KAPTAN M.
JOURNAL OF CLEANER PRODUCTION, vol.382, 2023 (SCI-Expanded)
- IV. **Analysis of accidents during vehicle stowage on RO-RO vessels by using Fuzzy Bayesian networks**
KAPTAN M.
OCEAN ENGINEERING, vol.260, 2022 (SCI-Expanded)
- V. **Estimating human error probability in transporting steel cargo with bulk carriers using a hybrid approach**
KAPTAN M.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT, vol.236, no.2, pp.303-314, 2022 (SCI-Expanded)
- VI. **The effect of nonconformities encountered in the use of technology on the occurrence of collision, contact and grounding accidents**
KAPTAN M., Ugurlu O., Wang J.
RELIABILITY ENGINEERING & SYSTEM SAFETY, vol.215, 2021 (SCI-Expanded)
- VII. **The evolution of the HFACS method used in analysis of marine accidents: A review**
KAPTAN M., Sarialioglu S., Ugurlu O., Wang J.
INTERNATIONAL JOURNAL OF INDUSTRIAL ERGONOMICS, vol.86, 2021 (SCI-Expanded)
- VIII. **Analysis of occupational burnout utilising Maslach inventory: a case study of Turkish male seafarers**
Ugurlu O., YILDIZ S., AYDIN M., Aydin T., Kaptan M., Wang J.
MARITIME POLICY & MANAGEMENT, vol.48, no.8, pp.1124-1137, 2021 (SSCI)
- IX. **Risk assessment of ship anchorage handling operations using the fuzzy bow-tie method**
KAPTAN M.
OCEAN ENGINEERING, vol.236, 2021 (SCI-Expanded)
- X. **Potential threat of plastic waste during the navigation of ships through the Turkish straits**
Kaptan M., Sivri N., Blettler M. C., Ugurlu Ö.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.192, no.8, pp.1-7, 2020 (SCI-Expanded)
- XI. **An analysis and comparison of multinational officers of the watch in the global maritime labor market**
Kartal S. E., Ugurlu O., Kaptan M., Arslanoğlu Y., Wang J., Loughney S.
MARITIME POLICY & MANAGEMENT, vol.46, no.6, pp.757-780, 2019 (SSCI)
- XII. **Pilotage services in Turkey; key issues and ideal pilotage**
Ugurlu O., Kaptan M., Kum S., YILDIZ S.
JOURNAL OF MARINE ENGINEERING AND TECHNOLOGY, vol.16, no.2, pp.51-60, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Examining the distance education process in terms of professional competencies of maritime students**
Olgun Kaptan B., Kaptan M.
Australian Journal of Maritime and Ocean Affairs, vol.16, no.2, pp.205-220, 2024 (Scopus)
- II. **Risk analysis study for wall washing test (WWT) applied to chemical cargo tanks.**
Kaptan M.
Recep Tayyip Erdoğan Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.4, no.2, pp.172-186, 2023 (Peer-Reviewed Journal)
- III. **The investigation of the effects of COVID-19 restrictions on seafarers**
KAPTAN M., OLGUN KAPTAN B.
Australian Journal of Maritime & Ocean Affairs, vol.15, no.1, pp.25-37, 2023 (Peer-Reviewed Journal)

- IV. **Elektronik seyir cihazlarının deniz kazalarına etkileri**
KAPTAN M., UĞURLU Ö.
Aquatic Research, vol.5, no.1, pp.89-98, 2022 (Peer-Reviewed Journal)
- V. **Risk Assessment for Transporting Ammonium Nitrate-Based Fertilizers with Bulk Carriers**
KAPTAN M.
JOURNAL OF ETA MARITIME SCIENCE, vol.9, no.2, pp.130-137, 2021 (ESCI)

Books & Book Chapters

- I. **Future Requests of Maritime Labour and Solution Suggestions: Human Resources Practices**
KAPTAN M.
in: Handbook of Research on the Future of the Maritime Industry, Nihan Senbursa, Editor, IGI GLOBAL, pp.212-231, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Model Development for Assessment of Risks Caused by Bulk Chemical Cargoes**
Kaptan M.
I. International Maritime and Logistics Congress, Zonguldak, Turkey, 22 - 23 September 2023, pp.19-34
- II. **Kirliliğe sebep olan gemi operasyonları risklerinin değerlendirilmesi**
BAYAZİT O., KAPTAN M.
5. Ulusal Deniz Bilimleri Kongresi, Trabzon, Turkey, 01 June 2022, pp.53
- III. **Distance Education and Maritime Students' Competencies**
KAPTAN M.
4th GLOBAL CONFERENCE ON INNOVATION IN MARINE TECHNOLOGY AND THE FUTURE OF MARITIME TRANSPORTATION GMC'21, Turkey, 18 November 2021, pp.38
- IV. **ROOT CAUSE ANALYSIS OF ACCIDENTS IN LOADING AND UNLOADING ON RO-RO VESSELS WITH THE FAULT TREE METHOD**
KAPTAN M.
6. ULUSLARARASI ERCİYES BİLİMSEL ARAŞTIRMALAR KONGRESİ, Kayseri, Turkey, 01 September 2021, pp.16-17
- V. **EFFECTS OF COVID-19 PANDEMIC ON MARITIME TRANSPORT**
KAPTAN M.
IV. International Conference on Covid-19 Studies, İstanbul, Turkey, 17 April 2021, pp.110-114
- VI. **Human factors analysis of accidents at pilotaged vessels**
KAPTAN M., KARTAL Ş. E., UĞURLU Ö.
Human factors analysis of accidents at pilotaged vessels, 27 - 28 October 2017
- VII. **Maritime Labour Force and Turkey**
KAPTAN M., UĞURLU Ö., Özkök M.
Second International Conference on Global International on Innovation in Marine Technology and the Future of Maritime Transportation, Muğla, Turkey, 24 - 25 October 2016, pp.1-7
- VIII. **EVOLUTION OF MARITIME TRAFFIC MANAGEMENT STRATEGIES FROM VESSEL TRAFFIC SERVICE (VTS) TO SEA TRAFFIC MANAGEMENT (STM)**
yıldız s., UĞURLU Ö., Martínez de Osés F. X., VELASQUEZ CORREA S., KAPTAN M.
II INTERNATIONAL CONFERENCE "INNOVATION CHALLENGES OF THE MARITIME INDUSTRY: MARITIME TRANSPORT, ENGINEERING, TECHNOLOGY, LOGISTICS, TOURISM, Batum, Georgia, 8 - 09 September 2016, pp.119-125
- IX. **Understanding of Root Causes of Collision and Grounding Accidents**
UĞURLU Ö., YILDIRIM U., YILDIZ S., KAPTAN M.
II International Conference "Innovation Challenges Of The Maritime Industry: Maritime Transport, Engineering,

Technology, Logistics, Tourism, Batumi, Georgia, 8 - 09 September 2016

X. UNDERSTANDING OF ROOT COUSES OF COLLISION AND GROUNDING ACCIDENTS

UĞURLU Ö., Yıldırım U., yıldız s., KAPTAN M.

II INTERNATIONAL CONFERENCE "INNOVATION CHALLENGES OF THE MARITIME INDUSTRY: MARITIME

TRANSPORT, ENGINEERING, TECHNOLOGY, LOGISTICS, TOURISM, Batum, Georgia, 8 - 09 September 2016, pp.171-174

XI. Türkiye’de römorkör hizmetlerinin değerlendirilmesi

KAPTAN M., UĞURLU Ö.

Kılavuzluk /Römorkörcülük Hizmetleri ve Teknolojileri Kongresi I, İzmir, Turkey, 23 October 2015, pp.173-182

XII. Türkiye’nin Kılavuz kaptan profili ve kılavuzluğun temel sorunları

UĞURLU Ö., Kaptan M.

Kılavuzluk /Römorkörcülük Hizmetleri ve Teknolojileri Kongresi I, İzmir, Turkey, 23 October 2015, pp.125-133

XIII. Türk Boğazlarında Seyir Emniyeti

KAPTAN M., UĞURLU Ö.

I. Ulusal Gemi Trafik Hizmetleri Kongresi, İstanbul, Turkey, 8 - 09 December 2014, pp.31-39

Scientific Refereeing

OCEAN ENGINEERING, SCI Journal, October 2022

JOURNAL OF MARINE SCIENCE AND ENGINEERING, SCI Journal, September 2022

PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M: JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT, SCI Journal, August 2022

EDUCATION AND INFORMATION TECHNOLOGIES, Journal Indexed in SSCI, June 2022

JOURNAL OF ETA MARİTİME SCİENCE, Journal Indexed in ESCI, March 2020

Metrics

Publication: 31

Citation (WoS): 84

Citation (Scopus): 110

H-Index (WoS): 5

H-Index (Scopus): 6

Non Academic Experience

Business Establishment Private, Kıran Holding, Gemi Yönetimi

Business Establishment Private, Nemtaş Denizcilik, Gemi yönetimi