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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma İşletme Mühendisliği Anabilim Dalı, Turkey 2016 - Continues

Doctorate, World Maritime University, Maritime Safety And Environmental Administration, Maritime Safety, Sweden 2019 - 2019

Undergraduate, Anadolu University, Faculty Of Business Administration, Department Of Business, Turkey 2012 - 2019

Doctorate, Liverpool John Moores University, Faculty Of Engineering And Technology, Department Of Maritime And Mechanical Engineering, United Kingdom 2018 - 2018

Postgraduate, Universidad Politecnica de Cataluna, Facultat De Nàutica De Barcelona, Nautical Engineering And Maritime Transport, Spain 2015 - 2016

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma İşletme Mühendisliği, Turkey 2013 - 2016

Undergraduate, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Deniz Ulaştırma İşletme Mühendisliği Bölümü, Turkey 2009 - 2013

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

IT, Wolfram Data Science Basics (based on webinar series), WOLFRAM, 2018

Education Management and Planning, CMAS/ 3* DALICI BELGESİ, ENGİN DALIŞ VE CAN KURTARMA MERKEZİ, 2013

Dissertations

Postgraduate, Yolcu Gemisi Kazalarında İnsan Faktörü Analizi, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma İşletme Mühendisliği Anabilim Dalı, 2016

Postgraduate, Application of the Sea Traffic Management (STM) Concept for Fishing Vessels, Universidad Politecnica de Cataluna, Facultat De Nàutica De Barcelona, Department Of Nautical Engineering And Maritime Transport, 2016

Research Areas

Marine Sciences and Technology, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Deniz Ulaştırma İşletme Mühendisliği, 2014 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Spatial and statistical analysis of operational conditions influencing accident formation in narrow waterways: A Case Study of Istanbul Strait and Dover Strait**
Yildiz S., Ugurlu Ö., Loughney S., Wang J., Tonoğlu F.
Ocean Engineering, vol.265, 2022 (SCI-Expanded)
- II. **A new hybrid approach for determining sector-specific risk factors in Turkish Straits: Fuzzy AHP-PRAT technique**
Tonoglu F., Atalar F., Baskan I. B., Yildiz S., Ugurlu O., Wang J.
OCEAN ENGINEERING, vol.253, 2022 (SCI-Expanded)
- III. **Modelling of possible tanker accident oil spills in the Istanbul Strait in order to demonstrate the dispersion and toxic effects of oil pollution**
YILDIZ S., SÖNMEZ V. Z., Ugurlu O., SİVRİ N., Loughney S., Wang J.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.193, no.8, 2021 (SCI-Expanded)
- IV. **Application of the HFACS-PV approach for identification of human and organizational factors (HOFs) influencing marine accidents**
YILDIZ S., Ugurlu O., Wang J., Loughney S.
RELIABILITY ENGINEERING & SYSTEM SAFETY, vol.208, 2021 (SCI-Expanded)
- V. **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)
- VI. **Analyzing Collision, Grounding, and Sinking Accidents Occurring in the Black Sea Utilizing HFACS and Bayesian Networks**
Ugurlu O., YILDIZ S., Loughney S., Wang J., Kuntchulia S., Sharabidze I.
RISK ANALYSIS, vol.40, no.12, pp.2610-2638, 2020 (SCI-Expanded)
- VII. **Analysis of fishing vessel accidents with Bayesian network and Chi-square methods**
Ugurlu F., YILDIZ S., BORAN M., Ugurlu O., Wang J.
OCEAN ENGINEERING, vol.198, 2020 (SCI-Expanded)
- VIII. **Modified human factor analysis and classification system for passenger vessel accidents (HFACS-PV)**
Ugurlu O., YILDIZ S., Loughney S., Wang J.
OCEAN ENGINEERING, vol.161, pp.47-61, 2018 (SCI-Expanded)
- IX. **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. **Evaluation of Passenger Vessel Accidents and Spatial Analysis**
UĞURLU Ö., YILDIZ S.

JOURNAL OF ETA MARITIME SCIENCE, vol.4, no.4, pp.1-12, 2016 (Peer-Reviewed Journal)

- II. **Occupational Issues and Expectations of Turkish Deck Cadets**
Yildiz S., Ugurlu O., Yukseyildiz E.
TRANNAV-INTERNATIONAL JOURNAL ON MARINE NAVIGATION AND SAFETY OF SEA TRANSPORTATION, vol.10, no.3, pp.403-408, 2016 (ESCI)
- III. **An Awesim Simulation Study; To Determine the Efficiency of Future Improvements on TuprasIzmit Oil Terminal**
UĞURLU Ö., YILDIRIM U., YÜKSEKYILDIZ E., YILDIZ S.
JOURNAL OF SHIPPING AND OCEAN ENGINEERING, no.5, pp.271-279, 2015 (Peer-Reviewed Journal)
- IV. **Deniz Haydutluğu Eylemlerinin Deniz Ticareti Üzerine Etkisi**
UĞURLU Ö., Aydın M., YILDIZ S.
Mersin Deniz Ticaret Dergisi, no.278, pp.41-45, 2015 (Non Peer-Reviewed Journal)

Books & Book Chapters

- I. **Maritime Education and Training (MET)**
YILDIZ S., UĞURLU Ö., YÜKSEKYILDIZ E.
in: Marine Navigation and Safety of Sea Transportation, Weintrit Adam, Neumann Tomasz, Editor, CRC Press, Leiden, pp.71-76, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **A Survey for Analysing Factors that Affecting Marine Service and Seafarers' Job Satisfaction: Case Study for Turkey**
YILDIRIM U., YILDIZ S., UĞURLU Ö., VARDAR B.
III. Global Conference on Innovation in Marine Technology and the Future of Maritime Transportation, 18 - 19 April 2019
- II. **Investigation of Marine Accidents Under the HFACS-PV Structure**
UĞURLU Ö., YILDIZ S.
III. Global Conference on Innovation in Marine Technology and the Future of Maritime Transportation, 18 - 19 April 2019
- III. **Case Study on Marine Accidents Occurred in VTS Areas**
YILDIZ S., VARDAR B., UĞURLU Ö., YILDIRIM U.
II. Global Conference on Innovation in Marine Technology and the Future of Maritime Transportation, 18 - 19 April 2019
- IV. **Grey List Danger of Turkish Flag Vessels**
YILDIRIM U., UĞURLU Ö., YILDIZ S.
12th INTERNATIONAL CONFERENCE ON MARINE NAVIGATION AND SAFETY OF SEA TRANSPORTATION, Gdynia, Poland, 21 - 23 June 2017, vol.1, pp.305-309
- V. **Increasing Energy Efficiency of Commercial Vessels: by Using LED Lighting Technology**
EYÜBOĞLU E., YILDIZ S., UĞURLU Ö., YILDIRIM U., DEMİREL F. B.
12th INTERNATIONAL CONFERENCE ON MARINE NAVIGATION AND SAFETY OF SEA TRANSPORTATION, Gdynia, Poland, 20 - 22 June 2017, pp.1-5
- VI. **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, pp.171-174
- VII. **Evolution of Maritime Traffic Management Strategies From Vessel Traffic Service (VTS) to Sea Traffic Management (STM)**

YILDIZ S., UĞURLU Ö., MARTINEZ DE OSES F. X., VELASQUEZ CORREA S. I., 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

VIII. Compliance Problems for Deck Cadets

YILDIRIM U., UĞURLU Ö., BAŞAR E., YILDIZ S.

II International Conference "Innovation Challenges of the Maritime Industry: Maritime Transport, Engineering, Technology, Logistics, Tourism", Batum, Georgia, 8 - 09 September 2016, pp.236-242

IX. Occupational Continuance of Deck Cadets

YILDIRIM U., UĞURLU Ö., Yüksekıldız E., YILDIZ S.

International Conference "Innovative Challenges of Maritime Industry", Batum, Georgia, 23 - 24 October 2015, pp.119-126

X. Analysis of the Handling Capacity of Liquid Cargo Terminals Using the AWESIM Modeling Program

UĞURLU Ö., YILDIRIM U., YÜKSEKYILDIZ E., YILDIZ S.

NAV 2015 18th International Conference on Ships and Shipping Research, Milano, Italy, 24 - 26 June 2015, pp.86

XI. Forecasting Model of Port Cargo Handling Capacity a Case Study: Trabzon, Samsun, Rize and Hopa Ports

YÜKSEKYILDIZ E., BORAN M., UĞURLU Ö., YILDIRIM U., YILDIZ S.

NAV 2015 18th International Conference on Ships and Shipping Research, Milano, Italy, 24 - 26 June 2015, pp.87

XII. Investigation of Sea Training Conditions of Deck Cadets: a Case Study in Turkey

YILDIZ S., UĞURLU Ö., YÜKSEKYILDIZ E.

11th International Conference Transnav 2015 on Marine Navigation and Safety of Sea Transportation, Gdynia, Poland, 16 - 19 June 2015, pp.32

Scientific Refereeing

IEEE ACCESS, Journal Indexed in SCI-E, July 2019

Journal of ETA Maritime Science, Other Indexed Journal, October 2017

Journal of ETA Maritime Science, Other Indexed Journal, May 2017

Metrics

Publication: 26

Citation (WoS): 88

Citation (Scopus): 103

H-Index (WoS): 4

H-Index (Scopus): 4

Awards

Eyüboğlu E., Yıldız S., Uğurlu Ö., Yıldırım U., Demirel F. B., The Best Poster Award, Gdynia Maritime Office, June 2017

Non Academic Experience

Business Establishment Private, Arkas Konteyner Taşımacılık A.Ş.