

Asst. Prof. MURAT PAMIK

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-3005-2019

ScopusID: 57211587475

Yoksis Researcher ID: 198287

Education

Doctorate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Sistemleri Mühendisliği (Dr), Turkey 2016 - 2021

Postgraduate, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Sistemleri Mühendisliği (YI) (Tezli), Turkey 2013 - 2016

Undergraduate, Dokuz Eylul University, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, Turkey 2006 - 2011

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Quality Management, "DENİZCİLİK EĞİTİMİ, ÖĞRETİM, SINAV VE BELGELENDİRME FAALİYETLERİ İÇİN KALİTE STANDARTLARI DENETÇİ EĞİTİMİ", T.C. Ulaştırma ve Altyapı Bakanlığı, 2019

Quality Management, ISO 9001:2015 Kalite Yönetim Sistemi - Bilgilendirme ve İç Denetçi, RINA, 2019

Vocational Training, 6.10 Simülatör Eğiticilerinin Eğitimi, T.C. Ulaştırma ve Altyapı Bakanlığı Denizcilik Genel Müdürlüğü, 2017

Vocational Training, 6.09 Denizci Eğiticilerin Eğitimi, T.C. Ulaştırma ve Altyapı Bakanlığı Denizcilik Genel Müdürlüğü, 2017

Occupational Health and Safety, Temel İş Sağlığı ve Güvenliği Eğitimi, Dokuz Eylul Üniversitesi İş Sağlığı Araştırma ve Uygulama Merkezi, 2016

Dissertations

Doctorate, Increasing energy efficiency in marine diesel-electric propulsion systems, Dokuz Eylul University, Denizcilik Fakültesi, Gemi Makinaları İşletme Mühendisliği Bölümü (İng), 2021

Postgraduate, Dizel elektrik sevk sisteminin bir yolcu gemisinde yakıt tüketimine etkisi, Dokuz Eylul University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Sistemleri Mühendisliği (YI) (Tezli), 2016

Research Areas

Naval Architecture and Marine Engineering, Ship Machines, Engineering and Technology

Academic Positions

Assistant Professor, Dokuz Eylul University, Denizcilik Fakültesi, Gemi Makinaları İşletme Mühendisliği Bölümü(İng), 2022 - Continues

Research Assistant, Dokuz Eylul University, Denizcilik Fakültesi, Gemi Makinaları İşletme Mühendisliği Bölümü(İng), 2013 - 2022

Academic and Administrative Experience

Vice Dean, Dokuz Eylul University, Denizcilik Fakültesi, 2023 - Continues

Deputy Head of Department, Dokuz Eylul University, 2023 - Continues

Internship Committee Member, Dokuz Eylul University, Denizcilik Fakültesi, Gemi Makinaları İşletme Mühendisliği Bölümü(İng), 2014 - Continues

Birim Kalite Komisyonu Üyesi, Dokuz Eylul University, Denizcilik Fakültesi, Gemi Makinaları İşletme Mühendisliği Bölümü(İng), 2020 - 2022

Mezunlarla İlişkiler Komisyonu Üyesi, Dokuz Eylul University, Denizcilik Fakültesi, Gemi Makinaları İşletme Mühendisliği Bölümü(İng), 2016 - 2020

Courses

Doctorate

Sustainable Marine Transportation Systems, Doctorate, 2022 - 2023

Undergraduate

ELECTRIC - ELECTRONIC, Undergraduate, 2023 - 2024, 2022 - 2023

Safety at Sea II, Undergraduate, 2023 - 2024, 2021 - 2022

AUTOMATIC CONTROL SYSTEMS, Undergraduate, 2023 - 2024

MARINE ELECTROTECHNOLOGY, Undergraduate, 2023 - 2024

SHIP ENGINES, Undergraduate, 2023 - 2024, 2022 - 2023

MANAGEMENT AND LEADERSHIP, Undergraduate, 2023 - 2024, 2022 - 2023

PROPELLER AND SHAFTING, Undergraduate, 2023 - 2024

Marine Engineering Operation and Maintenance II, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Marine Engineering Operations and Maintenance I, Undergraduate, 2021 - 2022

Marine Engineering English, Undergraduate, 2021 - 2022

ERS Operation Level, Undergraduate, 2021 - 2022

Journal articles indexed in SCI, SSCI, and AHCI

- I. **The assessment of alternative fuel and engine power limitation utilisation in hybrid marine propulsion systems regarding energy efficiency metrics**
Yuksel O., PAMIK M., Bayraktar M.
Journal of Marine Engineering and Technology, 2025 (SCI-Expanded)
- II. **Evaluating Ammonia as a Marine Fuel: Review and Illustration**
Bayraktar M., Sokukcu M., PAMIK M., Yuksel O.
Environmental Modeling and Assessment, 2025 (SCI-Expanded)
- III. **The economic and environmental assessment of alternative marine fuels and nuclear energy**

utilization on a floating power plant

Yuksel O., Konur O., Pamık M., Bayraktar M.

Environmental Science and Pollution Research, vol.31, no.37, pp.49780-49799, 2024 (SCI-Expanded)

IV. Analysis of COVID-19 Pandemic Effect on Ship Dismantling and Recycling Industry: An Assessment on Türkiye

Bayraktar M., PAMIK M.

Journal of Ship Production and Design, vol.40, no.1, pp.23-35, 2024 (SCI-Expanded)

V. A SWOT-AHP analysis on biodiesel as an alternative future marine fuel

Bayraktar M., PAMIK M., Sokukcu M., Yuksel O.

Clean Technologies and Environmental Policy, vol.25, no.7, pp.2233-2248, 2023 (SCI-Expanded)

VI. An evaluation of methanol engine utilization regarding economic and upcoming regulatory requirements for a container ship

Bayraktar M., Yuksel O., PAMIK M.

SUSTAINABLE PRODUCTION AND CONSUMPTION, vol.39, pp.345-356, 2023 (SCI-Expanded)

VII. Nuclear power utilization as a future alternative energy on icebreakers

Bayraktar M., PAMIK M.

Nuclear Engineering and Technology, vol.55, no.2, pp.580-586, 2023 (SCI-Expanded)

VIII. THE ENERGY EFFICIENCY GAP IN TURKISH MARITIME TRANSPORTATION

Konur O., Bayraktar M., Pamık M., Kuleyin B., Nuran M.

POLISH MARITIME RESEARCH, vol.26, no.3, pp.98-106, 2019 (SCI-Expanded)

Articles Published in Other Journals

I. A Revelatory Case Study for the Emergence of Powerships: The Floating Power Plant Innovation for Rural Electrification

Pamık M., Bayraktar M., Konur O., Nuran M.

Transactions on Maritime Science, vol.11, no.1, pp.54-66, 2022 (ESCI)

II. THE HISTORICAL PROCESS OF THE DIESEL ELECTRIC PROPULSION SYSTEM

Pamık M., Nuran M.

Dokuz Eylül Üniversitesi Denizcilik Fakültesi Dergisi, vol.13, no.2, pp.299-316, 2021 (Peer-Reviewed Journal)

III. Increasing ship energy efficiency with diesel-electric propulsion system

Pamık M., Nuran M.

World Journal of Environmental Research, vol.10, no.2, pp.50-60, 2020 (Peer-Reviewed Journal)

IV. EMISSION REDUCTION TECHNOLOGIES FOR MARINE DIESEL ENGINES: A SYSTEM DYNAMICS APPROACH

Pamık M., Nuran M., Cerit A. G.

Dokuz Eylül Üniversitesi Denizcilik Fakültesi Dergisi, vol.7, no.1, pp.55-74, 2015 (Peer-Reviewed Journal)

Books

I. Prediction of Solar Energy Potential with Artificial Neural Networks

Göksu B., Bayraktar M., Pamık M.

in: Environmentally-Benign Energy Solutions, Ibrahim Dincer, Can Ozgur Colpan, Mehmet Akif Ezan, Editor, Springer Nature, Zug, pp.247-258, 2020

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Explore the Green Energy Options Available for Tugboats**
Pamık M.
Global Maritime Congress 2024, İstanbul, Turkey, 20 - 21 May 2024, pp.5-6, (Summary Text)
- II. **Power Quality on Shipboard Microgrid System in terms of Reactive Power Compensation**
Fikir E., Nuran M., Pamık M.
1st International Maritime and Logistics Conference (MARLOGCONGRESS'23), Zonguldak, Turkey, 22 - 23 September 2023, pp.207-213, (Full Text)
- III. **Air Lubrication Systems as Potential Energy Efficiency Saving on Marine Vessels**
BAYRAKTAR M., PAMIK M.
III. Uluslararası Bilim ve İnovasyon Kongresi – (INSI 2022), Turkey, 9 - 12 June 2022, (Full Text)
- IV. **WATER JET PROPULSION SYSTEM PROPER TO EXCURSION BOAT**
PAMIK M., BAYRAKTAR M.
III. International Science and Innovation Congress, Turkey, 9 - 12 June 2022, (Full Text)
- V. **Prediction of Solar Energy Potential with Artificial Neural Networks**
GÖKSU B., Bayraktar M., PAMIK M.
7th Global Conference on Global Warming (GCGW), İzmir, Turkey, 24 - 28 June 2018, pp.247-258, (Full Text)
- VI. **The Emergence of Powerships: A Relevatory Case Study**
Pamık M., Bayraktar M., Konur O., Nuran M.
IMLA 26, Batumi, Georgia, 23 - 25 September 2019, (Full Text)
- VII. **APPROPRIATE PROPELLERS WITH DIESEL ELECTRIC PROPULSION SYSTEM TO REDUCE EMISSIONS**
Pamık M., Bilir Fidan C. Ö., Ziyilan K., Fikir E., Nuran M.
7th Global Conference on Global Warming - GCGW 2018, İzmir, Turkey, 24 - 28 June 2018, (Full Text)
- VIII. **AN IMPROVED SYSTEM DESIGN FOR SOLAR BOATS**
Erginer K. E., Gülmez Y., Konur O., Fikir E., Göksu B., Kaya K. D., Pamık M., Yüksel O., Korkmaz S. A.
7th Global Conference on Global Warming, İzmir, Turkey, 24 - 28 June 2018, (Full Text)
- IX. **Liman Sahasındaki Gemilerde Organik Rankine Çevriminin Yakıt Kazancı ve Egzoz Salımına Etkisi**
KONUR O., PAMIK M., ÇOLPAN C. Ö.
3. Ulusal Deniz Turizmi Sempozyumu, İzmir, Turkey, Turkey, 2 November - 03 March 2017, (Full Text)

Metrics

Publication: 22

Citation (WoS): 8

Citation (Scopus): 18

H-Index (WoS): 2

H-Index (Scopus): 3

Congress and Symposium Activities

5. Ulusal Deniz Turizmi Sempozyumu, Attendee, İzmir, Turkey, 2020

The Pilotage/Towage Services and Technologies Congress '17, Working Group, İzmir, Turkey, 2017

KILAVUZLUK-RÖMORKÖRCÜLÜK HİZMETLERİ VE TEKNOLOJİLERİ KONGRESİ, Working Group, İzmir, Turkey, 2015