

## Res. Asst. PhD SERAP GÖKSU

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABH-1484-2020

ScopusID: 58109305300

Yoksis Researcher ID: 193021

### Education

Doctorate, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, Turkey 2014 - 2021

Postgraduate, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, Turkey 2012 - 2014

Undergraduate, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Department Of Marine Transportation Management Engineering, Turkey 2005 - 2010

### Dissertations

Doctorate, DEVELOPING A DYNAMIC RISK ASSESSMENT MODEL BASED ON FAILURE MODES AND EFFECTS ANALYSIS (FMEA) FOR SAFETY SHIP OPERATIONS, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, 2021

Postgraduate, TURKISH MARITIME MERCHANT FLEET OF THE MARITIME LABOUR CONVENTION (MLC) 2006 ANALYSIS OF ELIGIBILITY CONDITIONS, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, 2014

### Research Areas

Marine Sciences and Technology

### Academic Positions

Research Assistant PhD, Recep Tayyip Erdogan University, Turgut Kıran Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği, 2021 - Continues

Research Assistant, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, 2012 - 2021

### Journal articles indexed in SCI, SSCI, and AHCI

- I. A quantitative dynamic risk assessment for ship operation using the fuzzy FMEA: The case of ship berthing/unberthing operation

Göksu S., Arslan O.  
OCEAN ENGINEERING, vol.287, no.1, pp.1-18, 2023 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Evaluation of Dynamic Risk Factors for Ship Operations**  
Göksu S., Arslan Ö.  
Australian Journal of Maritime and Ocean Affairs, vol.17, no.1, pp.1-27, 2024 (ESCI)
- II. **Ship-Generated Waste Management in İstanbul Ports: An Analytical Methodology to Evaluate Waste Reception Performance (WRP)**  
Ülker D., Göksu S., Yalcin E., Canbulat O.  
JOURNAL OF ETA MARITIME SCIENCE, vol.11, no.4, pp.259-269, 2023 (ESCI)
- III. **A Contemporary Analysis for COVID-19 Pandemic Related Port Congestion in Gemlik Region of Türkiye**  
Yalcin E., Göksu S., Taş C.  
JOURNAL OF ETA MARITIME SCIENCE, vol.12, no.4, pp.251-258, 2023 (ESCI)
- IV. **Quantitative Analysis of Dynamic Risk Factors for Shipping Operations**  
Göksu S., Arslan Ö.  
JOURNAL OF ETA MARITIME SCIENCE, vol.8, no.2, pp.86-97, 2020 (ESCI)

## Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Determination of Failure Modes for Safe Ship Operations Under Dynamic Risk Conditions**  
Göksu S., Arslan Ö.  
4th International Conference on Innovative Academic Studies (ICIAS 2024), Konya, Turkey, 12 - 13 March 2024, pp.768-774, (Full Text)
- II. **Assessing the Bilateral Impacts in a Changing Climate in terms of Shipping Sector**  
Ülker D., Göksu S.  
14th International Exergy, Energy, and Environment Symposium (IEEEES-14), İstanbul, Turkey, 24 - 27 December 2023, pp.245-248, (Full Text)
- III. **Human Reliability Analysis (HRA) Using Fuzzy Cognitive Reliability and Error Analysis Method (CREAM): A Case Study Collision with Mansion in Narrow Strait**  
Uflaz E., Akyüz E., Arslan Ö., Göksu S.  
1st International Conference on the Stability and Safety of Ships and Ocean Vehicles, Glasgow, England, 7 - 11 July 2021, pp.1-10, (Full Text)

## Metrics

Publication: 8  
Citation (WoS): 27  
Citation (Scopus): 36  
H-Index (WoS): 2  
H-Index (Scopus): 2