

## Res. Asst. HÜROL HOCEK

### Personal Information

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### International Researcher IDs

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### Education Information

Postgraduate, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Deniz Ulaştırma İşletme Mühendisliği, Turkey 2023 - Continues

Undergraduate, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Deniz Ulaştırma İşletme Mühendisliği, Turkey 2014 - 2019

### Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Deniz Ulaştırma İşletme Mühendisliği, 2024 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. The effect of failure on energy efficiency in maritime vessels autopilot systems**  
HOCEK H., YAZIR D., AYGÜN C., Özdemir Ü.  
Ocean and Coastal Management, vol.259, 2024 (SCI-Expanded)
- II. Comprehensive analysis of ship detention probabilities using binary logistic regression method with machine learning**  
Hocek H., Yay S., Yazir D.  
OCEAN ENGINEERING, no.315, pp.1-11, 2024 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. Analysing Ship Detentions: A Fault Tree Analysis of Paris MoU Database**  
Hocek H., Yazir D., Nazlıgöl Y. E.  
GLOBAL MARITIME CONGRESS, İstanbul, Turkey, 20 - 21 May 2024, pp.421-426
- II. Reinforcement Learning-Based Vessel Route Optimization with Continuous Obstacle Avoidance by Using DDPG Algorithms**  
Nazlıgöl Y. E., Yazir D., Hocek H.  
Global Maritime Congress, İstanbul, Turkey, 20 - 21 May 2024, pp.215-218

### Metrics

Publication: 4