

## Asst. Prof. HASAN İSLAM ÇOPUROĞLU

### Personal Information

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### International Researcher IDs

ScholarID: RGUbVnUAAAAJ

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Publons / Web Of Science ResearcherID: AAT-1316-2020

ScopusID: 57201321049

Yoksis Researcher ID: 229165

### Education Information

Doctorate, Osaka Prefectural University, Graduate School of Engineering, Department of Marine System Engineering, Japan 2022 - 2023

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, Turkey 2017 - 2023

Postgraduate, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği Ana Bilim Dalı, Turkey 2014 - 2017

Undergraduate, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği Bölümü, Turkey 2009 - 2014

### Foreign Languages

Spanish, B1 Intermediate

Japanese, A1 Beginner

English, C1 Advanced

### Research Areas

Naval Architecture and Marine Engineering, Ship Hydromechanics, Ship Construction, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Gemi İnşaatı ve Gemi Makineleri Mühendisliği, 2023 - Continues

Research Assistant, Karadeniz Technical University, Sürmene Deniz Bilimleri Fakültesi, Gemi İnşaatı ve Gemi Makineleri Mühendisliği, 2015 - 2023

### Academic and Administrative Experience

Assistant Coordinator, Karadeniz Technical University, Rektörlük, Dış İlişkiler Genel Koordinatörlüğü, 2024 - Continues

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

- I. **Experimental and numerical investigation on the influence of bilge keel shape on roll damping**  
Çopuroğlu H. İ., Peşman E., Katayama T.  
MARINE STRUCTURES, vol.100, 2025 (SCI-Expanded)
- II. **The effect of a ship's acceleration and deceleration on parametric roll motion in regular head waves at resonance conditions**  
Pesman E., Copuroglu H. İ., Katayama T.  
OCEAN ENGINEERING, vol.291, 2024 (SCI-Expanded)
- III. **Ship staff wind comfort and wind safety in the walkways of containerships and case study for a feeder containership**  
ÇOPUROĞLU H. İ., PEŞMAN E.  
SHIPS AND OFFSHORE STRUCTURES, vol.17, no.4, pp.920-938, 2022 (SCI-Expanded)
- IV. **Analysis of Flettner Rotor ships in beam waves**  
ÇOPUROĞLU H. İ., PEŞMAN E.  
OCEAN ENGINEERING, vol.150, pp.352-362, 2018 (SCI-Expanded)

## Papers Published in Refereed Scientific Meetings

- I. **Effects of Bilge-keel Roll Damping on Parametric Rolling**  
Yoshida N., Peşman E., Çopuroğlu H. İ., Taniguchi T., Ikeda Y., Katayama T.  
International Conference on the Stability and Safety of Ships and Ocean Vehicles,, Wuxi, China, 14 - 18 October 2024, pp.356-366
- II. **Effects of the Bilge Keel Shape on Roll Damping**  
Çopuroğlu H. İ., Peşman E., Katayama T., Yoshida N., Kinugasa M.  
PROCEEDINGS OF 4th INTERNATIONAL NAVAL ARCHITECTURE AND MARITIME SYMPOSIUM , İstanbul, Turkey, 11 - 13 October 2023, vol.1, no.1, pp.857-867
- III. **Experimental and numerical investigation of viscous effects on parametric roll motion**  
Çopuroğlu H. İ., Peşman E., Katayama T.  
International Ship Stability Workshop, 11-13 September 2023, İstanbul, İstanbul, Turkey, 11 - 13 September 2023, pp.1-7
- IV. **Assessment of second-generation intact stability criteria and case study for a Ro-Ro ship**  
Çopuroğlu H. İ., Peşman E., Taylan M.  
International Ship Stability Workshop, 11-13 September 2023, İstanbul, İstanbul, Turkey, 11 - 13 September 2023, pp.1-6
- V. **A Numerical Study on Aerodynamics Characteristics of a Feeder Container Ship**  
ÇOPUROĞLU H. İ., PEŞMAN E.  
INT-NAM 2018 3rd International Symposium on Naval Architecture and Maritime, İstanbul, Turkey, 24 - 25 April 2018
- VI. **Analysis of energy production efficiency of an owc wave energy converter**  
Şener M. Z., Çopuroğlu H. İ., Peşman E., Özmen Y.  
IV. Uluslararası Katılımlı Anadolu Enerji Sempozyumu, Edirne, Turkey, 18 - 20 April 2018, pp.1-7
- VII. **Kıyı Tipi Dalga Enerjisinden Elektrik Üretim Sistemlerinin Dolgu Alanlarında Kullanılabilirliğinin Araştırılması**  
Çopuroğlu H. İ., Peşman E.  
International Congress of the New Approaches and Technologies for Sustainable Development, Isparta, Turkey, 21

- 24 September 2017, pp.417

VIII. **Çift dümen etrafındaki akış karakteristiklerinin sayısal incelenmesi**

ÖZMEN Y., PEŞMAN E., ŞENER M. Z., ÇOPUROĞLU H. İ.

ULIBTK'17, 21. Ulusal Isı Bilimi ve Tekniği Kongresi, Çorum, Turkey, 13 - 16 September 2017, vol.1, pp.271-277

IX. **A comparison of loading conditions effects on the vertical motions of turret-moored FPSO**

Erkurtulmus S., PEŞMAN E., ÇOPUROĞLU H. İ.

International Conference on Marine Navigation and Safety of Sea Transportation: Safety of Sea

Transportation Safety of Sea Transportation, TRANSNAV 2017, Gdynia, Poland, 21 - 23 June 2017, pp.243-248

X. **A Study on Aerodynamic Effects of Superstructures Shapes by using CFD**

ÇOPUROĞLU H. İ., PEŞMAN E.

GMO-SHIPMAR 2016, İstanbul, Turkey, 8 - 09 December 2016, pp.1-11

XI. **CFD analysis of Flettner Rotor ships and performance determination based on simulation environment**

Çopuroğlu H. İ., Peşman E., Özkök M.

The second global conference on innovation in marine technology and the future of maritime transportation,

Muğla, Turkey, 24 - 25 October 2016, pp.1-11

## Supported Projects

KÖSE E., PEŞMAN E., ŞENER M. Z., ÇOPUROĞLU H. İ., Project Supported by Higher Education Institutions, Gemilerde Yaralı Stabilitenin Deneysel ve Sayısal Olarak İncelenmesi, 2021 - 2024

## Patent

Peşman E., Şener M. Z., Çopuroğlu H. İ., Ölmez H., A System for Stability Control on Ship, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Registration Number: JP2024508071A , Standard Registration, 2024

Peşman E., Şener M. Z., Çopuroğlu H. İ., Ölmez H., Gemilerde Denge Kontrolüne İlişkin Bir Sistem, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Registration Number: 2022 014109 , Standard Registration, 2023

## Metrics

Publication: 15

Citation (WoS): 19

Citation (Scopus): 24

H-Index (WoS): 2

H-Index (Scopus): 2

## Scholarships

2214-A, TUBITAK, 2022 - 2022

## Non Academic Experience

Company, Antalya Gemi Mühendislik Hizmetleri Ltd. Şti., Gemi Bakım-Onarım, Gemi Mühendisi