

## Res. Asst. Emre KAHRAMANOĞLU

### Personal Information

**Email:** emrek@yildiz.edu.tr

**Web:** <https://avesis.yildiz.edu.tr/emrek>

### Education Information

Doctorate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, Turkey 2015 - Continues

Post Graduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Gemi İnşaatı Ve Gemi Makinaları Mühendisliği, Turkey 2012 - 2015

Under Graduate, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Department of Naval Architecture and Marine Engineering, Turkey 2008 - 2012

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Post Graduate, Askeri Gemilerin Dalgalı Deniz Durumunda Hasarlı ve Hasarsız Stabilite Analizi, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2015

### Research Areas

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

### Academic Titles / Tasks

Research Assistant, Yıldız Teknik Üniversitesi, Naval Architecture and Maritime Faculty, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2014 - Continues

Research Assistant, İzmir Katip Çelebi Üniversitesi, Gemi İnşaatı Ve Denizcilik Fakültesi, Gemi İnşaatı Ve Gemi Makineleri Mühendisliği, 2013 - 2014

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Numerical Prediction of the Vertical Responses of Planing Hulls in Regular Head Waves**  
Kahramanoğlu E., Çakıcı F., Doğrul A.  
JOURNAL OF MARINE SCIENCE AND ENGINEERING, vol.8, pp.1-18, 2020 (Journal Indexed in SCI)
- II. **Vertical motions prediction in irregular waves using a time domain approach for hard chine displacement hull**  
Begovic E., Bertorello C., Çakıcı F., Kahramanoğlu E., Rinauro B.

Journal of Marine Science and Engineering, vol.8, 2020 (Journal Indexed in SCI)

**III. Numerical roll damping prediction of a planing hull**

Kahramanoğlu E., Yıldız B., Çakıcı F., Yılmaz H.

Ships and Offshore Structures, 2020 (Journal Indexed in SCI Expanded)

**IV. A new URANS based approach on the prediction of vertical motions of a surface combatant in head waves**

Çakıcı F., Kahramanoğlu E., Duman S., Alkan A. D.

OCEAN ENGINEERING, vol.162, pp.21-33, 2018 (Journal Indexed in SCI)

**V. NUMERICAL PREDICTION OF VERTICAL SHIP MOTIONS AND ADDED RESISTANCE**

Çakıcı F., Kahramanoğlu E., Alkan A. D.

INTERNATIONAL JOURNAL OF MARITIME ENGINEERING, vol.159, 2017 (Journal Indexed in SCI)

## Articles Published in Other Journals

**I. Computational fluid dynamics analyses on the hydrodynamic entry length in internal flows**

Kahramanoğlu E., Sezen S., Bayraktar S.

Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, vol.23, pp.1-10, 2017 (National Refereed University Journal)

**II. BİR BALIKÇI GEMİSİ FORMU İÇİN DÖNME VE ZİG-ZAG TESTİ SİMÜLASYONU**

ÇAKICI F., KAHRAMANOĞLU E.

Gemi ve Deniz Teknolojisi Dergisi, pp.62-70, 2017 (Other Refereed National Journals)

## Refereed Congress / Symposium Publications in Proceedings

**I. Numerical Investigation of Fridsma Hull**

Cansız M. Y., Kahramanoğlu E., Bayraktar S.

1st International Symposium on Graduate Research in Science: Focus on Entrepreneurship and Innovation, İstanbul, Turkey, 04 October 2018, vol.1, no.1, pp.1-5

**II. Numerical Calculations of Resistance and Running Attitude of a Planing Hull**

KAHRAMANOĞLU E., YILDIZ B., YILMAZ H.

INT NAM 2018, İstanbul, Turkey, 24 April 2018, pp.583-594

**III. Computational Prediction of Hydrodynamic Coefficients for Heave Motion**

ÇAKICI F., KAHRAMANOĞLU E., DUMAN S., ALKAN A. D.

INT NAM 2018, İstanbul, Turkey, 24 April 2018, pp.1-14

**IV. NUMERICAL AND EXPERIMENTAL PREDICTION OF ROLL DAMPING FOR A HIGH-SPEED PLANING HULL**

Yıldız B., Kahramanoğlu E., Çakıcı F., Katayama T.

The 11th High Speed Marine Vehicles Symposium, Naples, Italy, 25 October 2017, pp.179-185

**V. On The Uncertainty Analysis of DTMB5405 for Form Factor Prediction**

DUMAN S., DOĞRUL A., KAHRAMANOĞLU E.

II. Global International Conference on Innovation in Marine Technology and the Future of Maritime Transportation, 24 - 25 October 2016

**VI. A PARAMETRIC STUDY ABOUT THE EFFECTS OF WAVES ON INTACT AND DAMAGED STABILITY**

Kahramanoğlu E., Yılmaz H.

GMC 2016, Muğla, Turkey, 24 - 25 October 2016, pp.1-10

**VII. Shipping Emissions and sample annual emission estimation**

KAHRAMANOĞLU E., ÖZSARI İ., BİLGİLİ L., ÇELEBİ U. B.

International Conference on Advances in Mechanical Engineering (ICAME'16), İstanbul, Turkey, 10 May 2016, pp.1321

**VIII. Comparative Stability Analysis of a Frigate According to the Different Navy Rules in Waves**

KAHRAMANOĞLU E., YILMAZ H., YILDIZ B.

12th International Conference on the Stability of, Ships and Ocean Vehicles, Glasgow, United Kingdom, 15 June 2015, pp.859-877

## Supported Projects

ALKAN A. D. , KAHRAMANOĞLU E., KINACI Ö. K. , ÇAKICI F., Project Supported by Higher Education Institutions, Bir gemi formunun düzenli dalgalarındaki hareketlerinin farklı matematiksel yöntemlerle incelenmesi, 2015 - 2017

## Invited Congress and Symposium Activities

3rd International Symposium on Naval Architecture and Maritime (INT-NAM), Attendee, İstanbul, Turkey, 2018

11th Symposium on High Speed Marine Vehicles, Attendee, Naples, Italy, 2017

II. Global International Conference on Innovation in Marine Technology and the Future of Maritime Transportation, Attendee, Muğla, Turkey, 2016

2nd International Symposium on Naval Architecture and Maritime (INT-NAM), Attendee, İstanbul, Turkey, 2014

## Citations

Total Citations (WOS):4

h-index (WOS):1

## Scholarships

Doktora Sırası Yurt Dışı Araştırma Bursu, TÜBİTAK, 2018 - 2019

Yurtiçi Doktora Bursu, TÜBİTAK, 2016 - 2019

Yurtiçi Yüksek Lisans Bursu, TÜBİTAK, 2013 - 2015