

## Res. Asst. Mehmet Utku ÖĞÜR

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2024 - Continues

Postgraduate, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey 2021 - 2024

Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Civil Engineering Department, Turkey 2016 - 2021

### Dissertations

Postgraduate, YARI BATIK AÇIK DENİZ YÜZER RÜZGAR TÜRBİN PLATFORMUNUN HİDRODİNAMİK DAVRANIŞI, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2024

### Research Areas

Hydraulic

### Articles Published in Other Journals

#### I. State Estimation and Control for a Model Scale Passenger Ship using an LQG Approach

ÇAKICI F., Jambak A. I., Kahramanoğlu E., KARABÜBER A. K., Ustaı B., ÖĞÜR M. U., Peri F., ŞAHİN Ö. S., Uğur M. A., Bayezit A. B.

Journal of Eta Maritime Science, vol.12, no.4, pp.365-376, 2024 (ESCI)

### Refereed Congress / Symposium Publications in Proceedings

#### I. Improved Ship Roll Motion Performance with Combined EKF Parameter Estimation and MPC Control

ÇAKICI F., Jambak A. I., Kahramanoğlu E., KARABÜBER A. K., Kucukdemiral I., ÖĞÜR M. U., Peri F., ŞAHİN Ö. S., Uğur M. A.

2024 IEEE Conference on Control Technology and Applications, CCTA 2024, Newcastle upon Tyne, England, 21 - 23 August 2024, pp.477-482

#### II. Experimental and Numerical Investigation of a Floating Offshore Wind Turbine Platform

Yüksel Y., İnal U., Öğür M. U., Şahin C., Beji S., Çakıcı F.

SCACR 2023, İstanbul, Turkey, 4 - 06 September 2023, vol.1, pp.80-81

## Supported Projects

Çakıcı F., Kahramanoğlu E., Karabüber A. K., Şahin Ö. S., TUBITAK Project, Gemiler için yalpa hareketi sönümleyici aktif kanatçık sistemi ile kontrolcü algoritmaları geliştirilmesi ve deneysel ortamda doğrulanması, 2023 - 2025

## Metrics

Publication: 4