

## Res. Asst. Mehmet Salih Karaaliođlu

### Personal Information

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### Education Information

Undergraduate, Yildiz Technical University, Gemi İnřaatı Ve Deniz Bilimleri Fakóltesi, Turkey 2007 - 2012

### Research Areas

Technical Sciences, Naval Architecture and Marine Engineering, Ship Hydromechanics

### Refereed Congress / Symposium Publications in Proceedings

- I. **“Numerical Analysis of Cavitating Flows Around Axisymmetric Bodies by OpenFoam**  
KARAALIOĐLU M. S. , BAL ř.  
2nd International Congress on Ship and Marine Technology (GMO-SHIPMAR 2021, Online), İstanbul, Turkey, 16 - 18 September 2021, vol.1, pp.561-567
- II. **Investigation of Cavitating Marine Propeller Performance Using Blade Element Momentum Theory**  
KARAALIOĐLU M. S. , BAL ř.  
3rd International Meeting - Progress in Propeller Cavitation and its Consequences:Experimental and Computational Methods for Predictions, İstanbul, Turkey, 15 - 16 November 2018, pp.129-134
- III. **Nonlinear Correction to Blade Element Momentum Theory for Marine Propellers**  
KARAALIOĐLU M. S. , BAL ř.  
International Symposium on Naval Architecture and Maritime (INT-NAM 2018), 24 - 25 April 2018, pp.917-926
- IV. **Investigation of Hydrodynamic Performance of Cavitating Blades of Marine Current Turbines in Uniform Flow**  
KARAALIOĐLU M. S. , BAL ř.  
1st International Congress on Ship and Marine Technology, 8 - 09 December 2016
- V. **Kavitasyon Yapan Sualtı Akıntı Türbin Kanadının Hidrodinamik Analizi**  
KARAALIOĐLU M. S. , BAL ř.  
1st International Conference on Engineering, Technology and Applied Sciences, 21 - 22 April 2016, pp.730-736