

Res. Asst. Çağatayhan SEVİM

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-5911-2021

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Education Information

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Mühendisliği, Turkey 2020 - 2023

Undergraduate, Istanbul Technical University, Denizcilik, Gemi Makineleri İşletme Mühendisliği, Turkey 2013 - 2017

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Renewable energy, Alternative Energy Resources, Hydrogen Technologies and Fuel Cells , Wind power, Alternate Fuels and Energy Resources, Ship Machines

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Naval Architecture And Maritime Faculty, Department Of Marine Engineering Operations, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Selection of optimum sustainable biofuel for maritime transportation using analytic hierarchy process**
SEVİM Ç., Zincir B.
Journal of Marine Engineering and Technology, 2025 (SCI-Expanded)

Books

- Comparison of Biofuels for Decarbonized Maritime Transportation**
Sevim Ç., Zincir B.

in: Proceedings of the 2022 International Symposium on Energy Management and Sustainability, M. Ziya Sogut, T. Hikmet Karakoc, Omer Secgin, Alper Dalkiran, Editor, Springer Nature, Zug, pp.521-530, 2023

II. Lifecycle Emissions of Fossil Fuels and Biofuels for Maritime Transportation: A Requirement Analysis

Sevim Ç., Zincir B.

in: Decarbonization of Maritime Transport, Burak Zincir, Pravesh Chandra Shukla, Avinash Kumar Agarwal, Editor, Springer Nature, Singapore, pp.27-44, 2023

III. Biodiesel and Renewable Diesel as a Drop-in Fuel for Decarbonized Maritime Transportation

Sevim Ç., Zincir B.

in: Potential and Challenges of Low Carbon Fuels for Sustainable Transport, Agarwal, Avinash Kumar; Valera, Hardikk, Editor, Springer Nature, Singapore, pp.319-345, 2022

Papers Published in Refereed Scientific Meetings

I. Integrating of Potential Renewable Energy Resources on Offshore Oil and Gas Platforms in the Black Sea: Opportunities for Carbon Emission Reduction

Satr R., Sevim Ç., Uyanık T., Arslanoğlu Y.

Global Maritime Congress, İstanbul, Turkey, 20 - 21 May 2024, pp.164-167

II. Assessment of Energy Potential from Waves and Wind for Offshore Oil & Gas Platforms

Sevim Ç., Satr R., Zincir B., Arslanoğlu Y.

Global Maritime Congress, İstanbul, Turkey, 20 - 21 May 2024, pp.185-188

III. Comparison of Biofuels for Decarbonized Maritime Transportation

SEVİM Ç., ZİNCİR B.

International Symposium on Energy Management and Sustainability (ISEMAS) 2022, Turkey, 05 April 2022

Supported Projects

Sevim Ç., Zincir B., Project Supported by Higher Education Institutions, Deniz Taşımacılığı için Sürdürülebilir Biyoyakıt Değerlendirme Modeli, 2022 - 2023

Metrics

Publication: 7