

## Asst. Prof. Ömer Söner

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: ABA-8217-2020

ScopusID: 56578498300

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### Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Mühendisliği, Turkey 2015 - 2019

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Deniz Ulaştırma Mühendisliği, Turkey 2013 - 2015

### Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği Bölümü, 2020 - Continues

Research Assistant, Istanbul Technical University, Denizcilik, Deniz Ulaştırma İşletme Mühendisliği, 2013 - 2019

### Academic and Administrative Experience

Head of Department, Van Yüzüncü Yil University, Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği Bölümü, 2022 - Continues

Rektörlük Kalite Komisyonu Üyesi, Van Yüzüncü Yil University, Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği Bölümü, 2021 - Continues

Deputy Head of Department, Van Yüzüncü Yil University, Denizcilik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği Bölümü, 2020 - 2021

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

- I. **Proposing the future skill requirements for maritime cyber security**  
Söner Ö., Kandemir Ç.  
Cognition, Technology and Work, vol.26, no.2, pp.361-374, 2024 (SCI-Expanded)
- II. **Risk sensitivity analysis of AIS cyber security through maritime cyber regulatory frameworks**  
Söner Ö., Kayışoğlu G., Bolat P., Tam K.  
Applied Ocean Research, vol.142, 2024 (SCI-Expanded)
- III. **An investigation of ransomware incidents in the maritime industry: Exploring the key risk factors**  
Söner Ö., Kayışoğlu G., Bolat P., Tam K.  
Proceedings of the Institution of Mechanical Engineers, Part O: Journal of Risk and Reliability, 2024 (SCI-

Expanded)

- IV. **Cybersecurity risk assessment of VDR**  
Söner Ö., Kayışoğlu G., Bolat P., Tam K.  
Journal of Navigation, vol.76, no.1, pp.20-37, 2023 (SCI-Expanded)
- V. **A fuzzy best-worst method (BWM) to assess the potential environmental impacts of the process of ship recycling**  
Söner Ö., Celik E., Akyüz E.  
MARITIME POLICY & MANAGEMENT, vol.49, pp.396-409, 2022 (SSCI)
- VI. **A human reliability assessment through enclosed space entry operation onboard ships**  
Söner Ö., Çelik M.  
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART M-JOURNAL OF ENGINEERING FOR THE MARITIME ENVIRONMENT, vol.235, no.2, pp.410-420, 2021 (SCI-Expanded)
- VII. **Application of fuzzy DEMATEL method for analysing of accidents in enclosed spaces onboard ships**  
Söner Ö.  
OCEAN ENGINEERING, vol.220, 2021 (SCI-Expanded)
- VIII. **Statistical modelling of ship operational performance monitoring problem**  
Söner Ö., Akyüz E., Çelik M.  
JOURNAL OF MARINE SCIENCE AND TECHNOLOGY, vol.24, no.2, pp.543-552, 2019 (SCI-Expanded)
- IX. **Use of tree based methods in ship performance monitoring under operating conditions**  
Söner Ö., Akyüz E., Çelik M.  
OCEAN ENGINEERING, vol.166, pp.302-310, 2018 (SCI-Expanded)
- X. **Application of AHP and VIKOR methods under interval type 2 fuzzy environment in maritime transportation**  
Söner Ö., Celik E., Akyuz E.  
OCEAN ENGINEERING, vol.129, pp.107-116, 2017 (SCI-Expanded)
- XI. **Use of HFACS-FCM in fire prevention modelling on board ships**  
Söner Ö., Asan U., Çelik M.  
Safety Science, vol.77, pp.25-41, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **A strategic analysis of sustainable transportation on Lake Van**  
KARACA İ., söner ö.  
Turkish Journal of Maritime and Marine Sciences, vol.9, no.1, pp.54-65, 2023 (Peer-Reviewed Journal)
- II. **Istanbul Strait Ship Traffic Queuing Theory Application and Process Optimization**  
Karaca İ., Söner Ö., Arslan Ö.  
Trafik ve Ulaşım Araştırmaları Dergisi (Online), vol.5, no.2, pp.109-129, 2022 (Peer-Reviewed Journal)
- III. **Meteorological Risk Assessment Based on Fuzzy Logic Systems for Maritime**  
Karaca İ., Saraçoğlu R., Söner Ö.  
journal of eta maritime science, vol.10, no.2, pp.97-107, 2022 (ESCI)
- IV. **The Impact of Covid 19 Pandemic on Maritime Students' Perceptions of Their Profession**  
Karaca İ., Söner Ö.  
Journal of Maritime Transport and Logistics, vol.3, no.1, pp.17-24, 2022 (Peer-Reviewed Journal)
- V. **Meteorological Risk Assessment for Ships with Fuzzy Logic Designer**  
Karaca İ., Söner Ö., Saraçoğlu R.  
INTERNATIONAL JOURNAL OF FUZZY SYSTEMS and ADVANCED APPLICATIONS, no.7, pp.12-15, 2020 (Peer-Reviewed Journal)
- VI. **Proposing a practical training assessment technique to adopt simulators into marine engineering education**  
Kandemir Ç., Söner Ö., Çelik M.

## Books & Book Chapters

- I. **International Convention for the Prevention of Pollution of the Sea by Oil (OILPOL), 1954 and its Situation Related with Turkey**  
AKYUZ E., CELIK M., Söner Ö.  
in: OIL SPILL ALONG THE TURKISH STRAITS SEA AREA; ACCIDENTS, ENVIRONMENTAL POLLUTION, SOCIO-ECONOMIC IMPACTS AND PROTECTION, Selma ÜNLÜ; Bedri ALPAR; Bayram ÖZTÜRK , Editor, Türk Deniz Araştırmaları Vakfı (Turkish Marine Research Foundation), İstanbul, pp.334-341, 2018

## Refereed Congress / Symposium Publications in Proceedings

- I. **Meteorological Risk Assessment for Ships with Fuzzy Logic Designer**  
Karaca İ., Saraçoğlu R., Söner Ö.  
International Conference on Maritime Safety and Security Law, İstanbul, Turkey, 5 - 06 November 2020, vol.14, pp.295-298
- II. **Investigating Real Ship Accidents with Descriptive Analysis in Turkey**  
Karaca İ., Söner Ö.  
International Conference on Maritime Safety and Security Law, 5 - 06 November 2020, vol.14, pp.299-303
- III. **Establishing a central operation approval system in ship management companies based on a human reliability assessment model**  
Söner Ö., Akyuz E., Çelik M.  
26th Conference on European Safety and Reliability (ESREL), Glasgow, United Kingdom, 25 - 29 September 2016, pp.926-929
- IV. **A Maritime Research Concept through Establishing Ship Operational Problem Solution (Shipos) Centre via Information Technologies Integrated With or/Ms**  
Söner Ö., Akyuz E., Çelik M.  
World Conference on Technology, Innovation and Entrepreneurship, İstanbul, Turkey, 28 - 30 May 2015, pp.2796-2803

## Metrics

Publication: 26

Citation (WoS): 141

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