

# Prof. Cengiz Deniz

## Personal Information

Email: denizc@itu.edu.tr

## Education Information

Doctorate, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Deniz Ulaştırma İşletme Mühendisliği (Dr), Turkey 1995 - 2000  
Post Graduate, İstanbul Üniversitesi, Mühendislik Fakültesi, Deniz Ulaştırma İşletme Mühendisliği Bölümü, Turkey 1992 - 1994  
Under Graduate, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, Turkey 1982 - 1986

## Foreign Languages

English

## Certificates, Courses and Trainings

Security, Chemical Tanker Training Programme, The Centre for Advanced Maritime Studies Edinburg, 2001  
Security, Fire Fighting Course, Survival Proficiency Course, Survival at Sea Course, Warsash Collage Southampton, 1993

## Research Areas

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

## Academic Titles / Tasks

Professor, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği , 2017 - Continues  
Associate Professor, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2011 - 2017  
Assistant Professor, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2003 - 2011  
Research Assistant, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 1992 - 2003

## Professional Experience

Head of Department, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2009 - Continues  
Fakülte Yönetim Kurulu Üyesi, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2005 - Continues  
Member of the Senate, Istanbul Technical University, Gemi Makineleri İşletme Mühendisliği, 2014 - 2020

Vice Dean, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2012 - 2013  
Deputy Head of Department, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2008 - 2009  
Vice Dean, İstanbul Teknik Üniversitesi, Denizcilik Fakültesi, Gemi Makineleri İşletme Mühendisliği Bölümü, 2004 - 2006

## Courses

Marine Diesel Engines I, Under Graduate, 2016 - 2017  
Marine Diesel Engines II, Under Graduate, 2015 - 2016, 2016 - 2017  
Marine Diesel Engines I, Under Graduate, 2017 - 2018  
Professionals Studies, Under Graduate, 2014 - 2015, 2016 - 2017  
Ship Systems IV: Marine Diesel Engines II, Under Graduate, 2016 - 2017  
Engine Room Sim. II, Under Graduate, 2015 - 2016  
Engine Room Sim. I, Under Graduate, 2014 - 2015  
Ship Systems IV: Marine Diesel Engines II, Under Graduate, 2014 - 2015

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

- I. **Effect analysis on energy efficiency enhancement of controlled cylinder liner temperatures in marine diesel engines with model based approach**  
Dere Ç., Deniz C.  
ENERGY CONVERSION AND MANAGEMENT, vol.220, 2020 (Journal Indexed in SCI)
- II. **Assessment of fuel cell types for ships: Based on multi-criteria decision analysis**  
İnal Ö. B. , Deniz C.  
JOURNAL OF CLEANER PRODUCTION, vol.265, 2020 (Journal Indexed in SCI)
- III. **Investigation of environmental, operational and economic performance of methanol partially premixed combustion at slow speed operation of a marine engine**  
Zincir B., Deniz C., Tuner M.  
JOURNAL OF CLEANER PRODUCTION, vol.235, pp.1006-1019, 2019 (Journal Indexed in SCI)
- IV. **Load optimization of central cooling system pumps of a container ship for the slow steaming conditions to enhance the energy efficiency**  
Dere Ç., Deniz C.  
JOURNAL OF CLEANER PRODUCTION, vol.222, pp.206-217, 2019 (Journal Indexed in SCI)
- V. **Investigation of Effects of Intake Temperature on Low Load Limitations of Methanol Partially Premixed Combustion**  
Zincir B., Shukla P., Shamun S., Tuner M., Deniz C., Johansson B.  
ENERGY & FUELS, vol.33, no.6, pp.5695-5709, 2019 (Journal Indexed in SCI)
- VI. **ENERGY EFFICIENCY BASED OPERATION OF COMPRESSED AIR SYSTEM ON SHIPS TO REDUCE FUEL CONSUMPTION AND CO2 EMISSION**  
Dere C., Deniz C.  
INTERNATIONAL JOURNAL OF MARITIME ENGINEERING, vol.161, pp.163-174, 2019 (Journal Indexed in SCI)
- VII. **Analysis of environmental effects on a ship power plant integrated with waste heat recovery system**  
Deniz C., DURMUŞOĞLU Y.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.25, no.7, pp.2261-2268, 2016 (Journal Indexed in SCI Expanded)

## Articles Published in Other Journals

- I. **Emission analysis of LNG fuelled molten carbonate fuel cell system for a chemical tanker ship: A**

### **case study**

İnal Ö. B. , Deniz C.

Marine Science and Technology Bulletin, vol.10, no.2, pp.118-133, 2021 (International Refereed University Journal)

### **II. Assessment of Alternative Fuels from the Aspect of Shipboard Safety**

Zincir B., Deniz C.

JOURNAL OF ETA MARİTİME SCİENCE, vol.6, no.3, pp.199-214, 2018 (Other Refereed National Journals)

## **Supported Projects**

Deniz C., Project Supported by Higher Education Institutions, Gemi Mekatronik Sistemleri Analiz ve Uygulamaları, 2015 - 2016

## **Activities in Scientific Journals**

Journal of ETA Maritime Science, Publication Committee Member, 2014 - Continues

## **Memberships / Tasks in Scientific Organizations**

Panel of Competant Persons, Member, 2002 - Continues

## **Scientific Refereeing**

Journal of ETA Maritime Science, National Scientific Refreed Journal, October 2017

Environmental Pollution, SCI Journal, June 2017

Fuel, SCI Journal, January 2015

Journal of Energy Institute, SCI Journal, June 2012

Journal of Energy Institute, SCI Journal, September 2011

## **Citations**

Total Citations (WOS):259

h-index (WOS):7