

Asst. Prof. Bilge Tutak

Personal Information

Fax Phone: [+90 212 285 6464](tel:+902122856464)

Email: tutak@itu.edu.tr

Web: <https://avesis.itu.edu.tr/tutak>

Address: İTÜ Gemi İnşaatı ve Deniz Bilimleri Fakültesi, Maslak, Sarıyer, İstanbul

Biography

Bilge Tutak (PhD, Istanbul Technical University), obtained his PhD in Coastal and Oceanographic Engineering from University of Florida, USA in 2010. He was a NOAA Research Scholar for 3 years of his PhD studies while leading a project on the *Effects of Hurricanes on the Local Estuarine Circulation*. He worked as a senior researcher at the Marine and Inland Waters Group of Environment and Cleaner Production Institute at TUBITAK Marmara Research Center between 2011 and 2014. He is currently an Assistant Professor in Istanbul Technical University Shipbuilding and Ocean Engineering Department. His research interests include coastal-ocean modeling, climate change effects on ecosystem dynamics, wave-ocean coupled modeling, high performance computing, observational systems and operational oceanography. He has been involved in many national and international projects in the MRC, including FP7 projects. He worked as researcher on many projects relating to the European Union Water Framework and Marine Strategy Framework Directives. He was the principle investigator in Integrated Monitoring of Marmara Sea and Turkish Strait System in 2011. He recently concluded a project on *Oceanography and Modeling of a Proposed Nuclear Power Plant In Sinop* (Black Sea) and he is currently co-PI of a project related to the *Climate Change Effects on the Black Sea Ecosystem*

Education Information

Doctorate, University Of Florida, Civil And Coastal Engineering, Oceanographic Engineering, United States Of America
2005 - 2010

Under Graduate, Boğaziçi Üniversitesi, Mühendislik Fakültesi, İnşaat Mühendisliği Bölümü, Turkey 1998 - 2003

Foreign Languages

English

Dissertations

Doctorate, EFFECTS OF TROPICAL CYCLONES ON CIRCULATION AND MOMENTUM BALANCE IN A SUBTROPICAL ESTUARY AND INLET, University Of Florida, Civil And Coastal Engineering, 2010

Research Areas

Technical Sciences, Marine Sciences and Technology, Coastal Sciences, Oceanography, Physical Oceanography, Ocean Modeling and Forecasting

Academic Titles / Tasks

Assistant Professor, İstanbul Teknik Üniversitesi, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi Mühendisliği Bölümü, 2018 - Continues

Assistant Professor, İstanbul Teknik Üniversitesi, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi Mühendisliği Bölümü, 2014 - 2018

Research Assistant, University Of Florida, Engineering, Civil And Coastal Engineering, 2005 - 2010

Research Assistant, Boğaziçi Üniversitesi, Rektörlük, Enformatik Bölümü, 2004 - 2005

Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Kutup Araştırmaları Uygulama Ve Araştırma Merkezi, 2017 - Continues

İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Gemi Ve Deniz Teknolojisi Mühendisliği Anabilim Dalı, 2015 - Continues

İstanbul Teknik Üniversitesi, Kutup Araştırmaları Uygulama Ve Araştırma Merkezi, 2015 - Continues

Vice Dean, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri, 2016 - 2018

İstanbul Teknik Üniversitesi, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi Mühendisliği Bölümü, 2015 - 2016

Courses

Introduction to Analysis of Oceanographic Data , Under Graduate, 2015 - 2016, 2016 - 2017, 2017 - 2018

Bitirme Tasarım Projesi, Under Graduate, 2016 - 2017

Advising Theses

Tutak B., Acoustic analysis of an underwater glider, Post Graduate, T.HIZARCI(Student), 2019

Tutak B., Hydrodynamic analysis of an underwater glider, Post Graduate, M.OZAN(Student), 2018

Supported Projects

Tutak B., Şerifoğlu M. O. , Project Supported by Higher Education Institutions, Modüler Yapıya Sahip bir Su Altı Planör'ünün (Glider) Hidrodinamik Dizaynı, 2017 - 2019

Tutak B., Project Supported by Higher Education Institutions, Güney Karadeniz'de Rim Akıntısı ile Bağlı Orta ve Küçük Ölçekli Kıyısal Döngü Sistemlerinin Yüksek Çözünürlüklü Model Uygulaması ile İncelenmesi, 2016 - 2019

Scientific Consultations

Namık Kemal Üniversitesi, Çorlu Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Project Consultancy, İstanbul Teknik Üniversitesi, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi Mühendisliği Bölümü, Turkey, 2017 - 2017

Citations

Total Citations (WOS):55

h-index (WOS):5

Scholarships

National Estuarine Research Reserve Graduate Research Fellowship, Official Institutions of Foreign Countries, 2007 - Continues

Awards

Şerifođlu M. O. , Tutak B., Derin Arayışlar STM Denizaltı Tasarımı ve Teknolojileri Yarışması, Stm Savunma Teknolojileri Mühendislik Ve Ticaret A.Ş., November 2019