

Asst. Prof. Tülay ÇOKACAR

Personal Information

Office Phone: [+90 212 440 0233](tel:+902124400233) Extension: 26039

Email: tulay.cokacar@istanbul.edu.tr

Web: <https://avesis.istanbul.edu.tr/tulay.cokacar>

International Researcher IDs

ScholarID: Fb7biWUAAAAJ

ORCID: 0000-0003-3189-082X

Publons / Web Of Science ResearcherID: H-9950-2018

ScopusID: 6507813221

Yoksis Researcher ID: 242353

Education Information

Doctorate, Middle East Technical University, Institute Of Marine Sciences, Oceanography, Turkey 2000 - 2006

Associate Degree, Middle East Technical University, Institute Of Marine Sciences, Oceanography, Turkey 1993 - 1996

Foreign Languages

Italian, B2 Upper Intermediate

English, C1 Advanced

Research Areas

Social Sciences and Humanities, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Istanbul University, Deniz Bilimleri ve İşletmeciliği Enstitüsü, Deniz Bilimleri ve İşletmeciliği Bölümü, 2021 - 2026

Courses

Gemi Elektronik Raporlama Sistemi, Postgraduate, 2022 - 2023

Fiziksel Oşinografide Özel Konular, Undergraduate, 2023 - 2024

Veri Analizi ve Uygulamaları, Postgraduate, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

1. Cold Intermediate Water Formation in the Black Sea Triggered by March 2022 Cold Intrusions
ÇOKACAR T.

Journal of Marine Science and Engineering, vol.12, no.11, 2024 (SCI-Expanded)

- II. **Socioeconomic Response to Water Quality: a First Experience in Science and Policy Integration for the Izmit Bay Coastal System**
Tolun L. G., Ergenekon S., Hocaoglu S. M., Donertas A. S., Cokacar T., Husrevoglu S., Beken C. P., Baban A.
ECOLOGY AND SOCIETY, vol.17, no.3, 2012 (SCI-Expanded)
- III. **Is there any relationship between phytoplankton seasonal dynamics and the carbonate system?**
Merico A., Tyrrell T., Cokacar T.
JOURNAL OF MARINE SYSTEMS, vol.59, pp.120-142, 2006 (SCI-Expanded)
- IV. **Satellite-detected early summer coccolithophore blooms and their interannual variability in the Black Sea**
Cokacar T., Oguz T., Kubilay N.
DEEP-SEA RESEARCH PART I-OCEANOGRAPHIC RESEARCH PAPERS, vol.51, no.8, pp.1017-1031, 2004 (SCI-Expanded)
- V. **Optical properties of mineral dust outbreaks over the northeastern Mediterranean**
Kubilay N., Cokacar T., Oguz T.
JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES, vol.108, 2003 (SCI-Expanded)
- VI. **Climatic warming and accompanying changes in the ecological regime of the Black Sea during 1990s**
Oguz T., Cokacar T., Malanotte-Rizzoli P., Ducklow H.
GLOBAL BIOGEOCHEMICAL CYCLES, vol.17, no.3, 2003 (SCI-Expanded)
- VII. **Influence of Black Sea and local biogenic activity on the seasonal variation of aerosol sulfur species in the eastern Mediterranean atmosphere**
Kubilay N., Kocak M., Cokacar T., Oguz T., Kouvarakis G., Mihalopoulos N.
GLOBAL BIOGEOCHEMICAL CYCLES, vol.16, no.4, 2002 (SCI-Expanded)
- VIII. **Structure of *Emiliania huxleyi* blooms in the Black Sea surface waters as detected by SeaWiFS imagery**
Cokacar T., Kubilay N., Oguz T.
GEOPHYSICAL RESEARCH LETTERS, vol.28, no.24, pp.4607-4610, 2001 (SCI-Expanded)

Articles Published in Other Journals

- I. **Alterations of the Physical and Biochemical Structure in the Izmit Bay Following the Blockage Events at the Istanbul Strait**
Çokacar T., Altıok H., Mutlu S., Yüksek A., Ediger D., Bayram Partal F.
turkish journal of fisheries and aquatic science, vol.24, pp.1-17, 2024 (Scopus)
- II. **Spatial and Temporal Variability of the Surface Temperature in the Black Sea Between 2000-2022**
Çokacar T.
Çanakkale Onsekiz Mart University Journal of Marine Sciences and Fisheries, vol.6, no.2, pp.158-165, 2023 (Peer-Reviewed Journal)
- III. **Basin-Wide Maritime Awareness From Multi-Source Ship Reporting Data**
Greidanus H., Alvarez M., Eriksen T., Argentieri P., Cokacar T., Pesaresi A., Falchetti S., Nappo D., Mazzarella F., Alessandrini A.
TRANSAV-INTERNATIONAL JOURNAL ON MARINE NAVIGATION AND SAFETY OF SEA TRANSPORTATION, vol.7, no.2, pp.185-192, 2013 (ESCI)

Books & Book Chapters

- I. **Changes in the Discrete Nutrient Salt Loads from the Bosphorus Current During the Marmara Sea Musilage Formation Period 2007-2008**
ALTIOK H., YÜKSEK A., ÇOKACAR T.

- in: Mucilage Problem in the Sea of Marmara, Albay Meriç, Editor, Istanbul University Press, İstanbul, pp.1-19, 2023
- II. **2007-2008 MARMARA DENİZİ MUSİLAJ OLUŞUM DÖNEMİNDE, İSTANBUL BOĞAZI AKINTISI İLE GELEN KESİKLİ BESİN TUZU YÜKLERİNİN DEĞİŞİMİ**
Altok H., Yüksek A., Çokacar T.
in: MARMARA DENİZİ'NİN MÜSİLAJ SORUNU, Meriç Albay, Haluk Alkan, Editor, Istanbul University, İstanbul, pp.1-19, 2023
- III. **Karadeniz Deniz Yüzey Sıcaklık Artışları: Uydu Gözlemleriyle Güncel Trendler Üzerine Bir Değerlendirme**
Çokacar T.
in: İKLİM DEĞİŞİKLİĞİ VE TÜRKİYE DENİZLERİ ÜZERİNE ETKİLERİ, Barış Salıhoğlu, Bayram Öztürk, Editor, Tüdev, İstanbul, pp.24-33, 2021
- IV. **The Eastern Mediterranean-Black Sea System with High Oil Spill Risk**
Çokacar T.
in: Oil Spill Response: A Global Perspective, Davidson W.F., Lee K., Cogswell A., Editor, Springer, London/Berlin, Dordrecht, pp.327-340, 2008
- V. **Comparative analyses and modelling for regional ecosystems of the Black Sea**
Çokacar T.
in: ECOSYSTEM MODELING AS A MANAGEMENT TOOL FOR THE BLACK SEA, Leonid I. Ivanov, Temel Oğuz, Editor, Springer-Verlag, Dordrecht, pp.223-259, 1998

Refereed Congress / Symposium Publications in Proceedings

- I. **İstanbul Boğazı Akıntısı ile Marmara Denizi'ne Kesikli/Sporadik Besin Tuzu Yükleme ve Müsilaj Oluşumunda Etkisi**
Çokacar T., Altok H., Yüksek A., Ediger D., Bayram Partal F., Mutlu S., Önel B., Tan İ., Gürkan Y., Öztürk İ. D., et al.
6. Ulusal Deniz Bilimleri Konferansı, Rize, Turkey, 15 - 17 May 2024, pp.143-144
- II. **Türk Boğazlar Sistemi'nde Sualtı Gürültü Analizi ve Gemi Kaynaklı Sualtı Gürültü Modeli**
Öksüz M., Altok H., Çokacar T.
6. Ulusal Deniz Bilimleri Konferansı, Rize, Turkey, 15 - 17 May 2024, pp.101-102
- III. **1996-2010 döneminde İstanbul Boğazı ve Marmara Denizi Çıkışında İki Tabakalı Yapının Mevsimsel Değişimleri ve Ekstrem Rüzgar Olaylarının Etkisi**
Altok H., Çokacar T., Yüksek A.
5. Ulusal Deniz Bilimleri Konferansı, Trabzon, Turkey, 1 - 03 June 2022, pp.29
- IV. **TÜRKİYE DENİZLERİ'NDE İNSAN KAYNAKLI DARBELİ GÜRÜLTÜLERİN İNCELENMESİ**
Özçiftçi E. B., Altok H., Çokacar T.
5. Ulusal Deniz Bilimleri Konferansı, Trabzon, Turkey, 1 - 03 June 2022, pp.125-126
- V. **ARALIK 2021 VE MART 2022 EKSTREM METEOROLOJİK KOŞULLARIN ETKİSİNDE KALAN İSTANBUL BOĞAZI VE MARMARA DENİZİ ÇIKIŞINDAKİ DEĞİŞİMLER**
Çokacar T., Altok H., Yüksek A., Ediger D., Gürkan Y., Öztürk Ak İ. D.
5. Uluslararası Deniz Bilimleri Konferansı, Trabzon, Turkey, 1 - 03 June 2022, pp.93
- VI. **Potential Use of HF Radar for Tsunami Detection in the Central and Eastern Mediterranean**
Çokacar T., Necmioğlu Ö., Özer C.
European Geoscience Union, Vienna, Austria, 17 - 21 April 2016, pp.1-2
- VII. **MARITIME AWARENESS FOR COUNTER-PIRACY IN THE GULF OF ADEN**
Posada M., Greidanus H., Alvarez M., Vespe M., Çokacar T., Falchetti S.
IEEE International Geoscience and Remote Sensing Symposium (IGARSS), Vancouver, Canada, 24 - 29 July 2011, pp.249-252
- VIII. **Interannual variability of the early summer coccolithophore blooms in the Black Sea: impacts of climatic factors**
Çokacar T., Oğuz T., Kubilay N.

Conference on Ocean Remote Sensing and Imaging II, California, United States Of America, 5 - 06 August 2003, vol.5155, pp.190-200

IX. Analysis of the change in mineral dust optical properties over the Eastern Mediterranean with source location using SEAWIFS imagery

Cokacar T., Moulin C., Kubilay N., Oguz T.

23rd International Geoscience and Remote Sensing Symposium (IGARSS 2003), Toulouse, France, 21 - 25 July 2003, pp.1285-1286

Supported Projects

Salihođlu B., Ediger D., Altok H., Yüksek A., Çokacar T., Öztürk Ak İ. D., Gürkan Y., Dursun F., H2020 Project, Advancing Black Sea Research and Innovation to CoDevelop Blue Growth within Resilient Ecosystems' — 'BRIDGE-BS', 2021 - 2025

Altok H., Akgül T., Çokacar T., Yüksek A., Ediger D., TUBITAK Project, Türk Boğazlar Sistemi'nde Sualtı Gürültüsünün Analizi ve Modellenmesi, 2021 - 2024

Scientific Refereeing

TURKISH JOURNAL OF EARTH SCIENCES, National Scientific Refreed Journal, October 2021

IEEE INTELLIGENT TRANSPORTATION SYSTEMS MAGAZINE, SCI Journal, October 2021

Marine Science and Technology Bulletin, Other Journals, September 2021

Metrics

Publication: 25

Citation (WoS): 368

Citation (Scopus): 373

H-Index (WoS): 9

H-Index (Scopus): 8