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Education Information

Doctorate, Middle East Technical University, Institute of Marine Sciences, Turkey 1978 - 1982

Dissertations

Doctorate, natural distribution of alkyltin compounds in the marine environment, Middle East Technical University, Institute of Marine Sciences, 1982

Academic Titles / Tasks

Professor, Middle East Technical University, Institute of Marine Sciences, Deniz Bilim (Oşinogrofi) Anabilim Dalı, 1990 - Continues

Academic and Administrative Experience

Middle East Technical University, Institute of Marine Sciences, Deniz Bilim (Oşinogrofi) Anabilim Dalı, 2015 - Continues
Middle East Technical University, Institute of Marine Sciences, 1991 - 2016

Advising Theses

TUĞRUL S., Spatial variations of particulate organic matter (POM) composition and concentrations in surface waters and sediments of the Mersin Bay, Postgraduate, İ.AKÇAY(Student), 2015

TUĞRUL S., Kuzeýdođu Akdeniz (Mersin K rfezi) kıta sahanlıđı sularında ve sedimanlarında partik l organik madde dađılımlı, elemental kompozisyonu (C, N, P) ve  vresel fakt rlere bađlı deđiřimleri, Doctorate, E.ERDOĐAN(Student), 2014

TUĞRUL S., Assessment of the trophic status of the Mersin Bay waters, Northeastern Mediterranean, Postgraduate, M.KAPTAN(Student), 2013

TUĞRUL S., Determination of total nitrogen and total phosphorus in the Northeastern Mediterranean Water column, Postgraduate, M.FATİH(Student), 2010

TUĞRUL S., Seasonal variations of particulate and dissolved fractions of phosphorus and related hydrochemical parameters in the Northeastern Mediterranean shelf zone, Doctorate, N.DOĐAN(Student), 2007

TUĞRUL S., The Abundance and elemental composition of suspended organic matter on the Turkish Sea's, Postgraduate, Y. OBAN(Student), 1998

TUĞRUL S., The Abundance and elemental composition of suspended organic matter in the Turkish seas (Balck, Marmara and Eastern Mediterranean), Postgraduate, Y. oban(Student), 1997

TUĞRUL S., Nutrient and organic carbon budgets in the sea of Marmara: A progressive effort on the biogeochemical

Published journal articles indexed by SCI, SSCI, and AHCI

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Kilic E., UYSAL Z., Tuğrul S., Yucel N.
Fresenius Environmental Bulletin, vol.29, pp.6134-6146, 2020 (SCI-Expanded)
- IV. **Assessment of trophic status of the northeastern Mediterranean coastal waters: eutrophication classification tools revisited**
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ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.26, pp.14742-14754, 2019 (SCI-Expanded)
- V. **Spatial and temporal variations of tintinnids (Ciliata: Protozoa) in the Bay of Mersin, Northeastern Mediterranean Sea**
POLAT S., TERBIYIK KURT T., TUĞRUL S.
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- VI. **CLASSIFICATION OF SENSITIVE AND LESS SENSITIVE AREAS ALONG THE AEGEAN COASTAL AREAS OF TURKEY**
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- VII. **NUTRIENTS, CHLOROPHYLL-A AND DISSOLVED OXYGEN DYNAMICS IN THE COASTAL WATER BODIES AND MARINE WATERS OF THE SOUTHERN BLACK SEA**
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- VIII. **A MSFD complementary approach for the assessment of pressures knowledge and data gaps in Southern European Seas The PERSEUS experience**
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- IX. **Particulate and dissolved primary production along a pronounced hydrographic and trophic gradient (Turkish Straits System-NE Aegean Sea)**
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JOURNAL OF MARINE SYSTEMS, vol.119, pp.1-10, 2013 (SCI-Expanded)
- X. **Spatial and Temporal Variations of Inorganic and Organic Forms of Phosphorus in the Surface and Deep Waters of Erdemli Shelf Zone of Mersin Bay**
DOĞAN SAĞLAMTİMUR N., TUĞRUL S.
EKOLOJİ, vol.22, no.88, pp.65-72, 2013 (SCI-Expanded)
- XI. **Trace metal composition of suspended particulate matter in the water column of the Black Sea**
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MARINE CHEMISTRY, vol.126, pp.207-228, 2011 (SCI-Expanded)
- XII. **Kilikya Baseni Kuzeydoğu Akdeniz Sularında Ötrofikasyon İndikatörü Parametrelerin TP DIN Chl a ve**

TRIX Değişimi

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- XIII. **Klikya Baseni Kuzeydoğu Akdeniz sularında ötrofikasyon indikatörü parametrelerin TP DIN Chl a ve TRIX değişimi**
TUĞRUL S., UYSAL Z., Erdoğan E., YÜCEL N.
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- XIV. **Changes of Eutrofication Indicator Parameters (TP, DIN, Chl-a and TRIX) in the Cilician Basin (Northeast Mediterranean)**
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- XV. **Long term atmospheric nutrient inputs to the Eastern Mediterranean sources solubility and comparison with riverine inputs**
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- XVI. **Atmospheric nutrient inputs to the northern levantine basin from a long-term observation: sources and comparison with riverine inputs**
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- XVII. **Phytoplankton Growth Rate and Zooplankton Grazing in the Western Part of the Black Sea in the Autumn Period**
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- XVIII. **Doğu Akdeniz de Akarsu Etkisindeki Kıyısız Bölge Sularının Özelliklerinin Açık Denizdekiler ile Karşılaştırılması**
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- XX. **A case study on trace metals in surface sediments and dissolved inorganic nutrients in surface water of Oludeniz Lagoon-Mediterranean, Turkey**
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- XXI. **Distribution of dissolved forms of iron and manganese in the Black Sea**
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- XXII. **Role of Saharan dust on phytoplankton dynamics in the northeastern Mediterranean**
Eker-Develi E., KIDEYŞ A. E., TUĞRUL S.
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- XXIII. **Analytical pyrolysis of suspended particulate organic matter from the Black Sea water column**
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- XXV. **Carbon and nitrogen isotopic ratios of suspended particulate organic matter (SPOM) in the Black Sea water column**
Coban-Yildiz Y., Altabet M., YILMAZ A., TUĞRUL S.
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- XXVI. **NUTRIENT AND ORGANIC CARBON EXCHANGES BETWEEN THE BLACK AND MARMARA SEAS**

THROUGH THE BOSPORUS STRAIT

POLAT Ç., TUĞRUL S.

CONTINENTAL SHELF RESEARCH, vol.15, pp.1115-11322, 2005 (SCI-Expanded)

- XXVII. **Vertical profiles of particulate organic matter and its relationship with chlorophyll-a in the upper layer of the NE Mediterranean Sea**
EDİGER D., Tuğrul S., Yılmaz A.
JOURNAL OF MARINE SYSTEMS, vol.55, pp.311-326, 2005 (SCI-Expanded)
- XXVIII. **Effect of riverine nutrients on coastal water ecosystems: A case study from the northeastern Mediterranean shelf**
Dogan-Saglamtimur N., TUĞRUL S.
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- XXIX. **Nutrient Exchange Fluxes between Aegean and Black Seas through The Marmara Sea**
TUĞRUL S., BEŞİKTEPE Ş. T., SALİHOĞLU İ.
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- XXX. **The chemical composition of Black Sea suspended particulate organic matter pyrolysis GC MS as a complementary tool to traditional oceanographic analyses**
Coban Yıldız Y., Chiavari D., Fabbri D., Yılmaz A., TUĞRUL S.
Marine Chemistry, vol.69, pp.55-67, 2000 (SCI-Expanded)
- XXXI. **A comparative study on the abundance and elemental composition of POM in three interconnected basins the Black the Marmara and the Mediterranean Seas**
ÇOBAN YILDIZ Y., TUĞRUL S., EDİGER D., POLAT Ç.
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- XXXII. **The effect of cold and warm core eddies on the distribution and stoichiometry of dissolved nutrients in the northeastern Mediterranean**
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- XXXIX. **Variations in the vertical structure of water chemistry within the three hydrodynamically different regions of the Black Sea**
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- XL. Simulation of annual plankton productivity cycle in the Black Sea by a one-dimensional physical-biological model**
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- XLI. The distribution of organotin compounds in the north eastern Mediterranean**
 Kubilay N., Yemenicioglu S., TUĞRUL S., Salihoglu I.
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- XLII. Chemical exchange between the Mediterranean and the Black Sea via the Turkish Straits**
 POLAT Ç., TUĞRUL S.
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- XLIII. Quantitative comparison of the influxes of nutrients and organic carbon into the sea of marmara both from anthropogenic sources and from The Black Sea**
 TUĞRUL S., POLAT Ç.
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- XLIV. PHYTOPLANKTON FLUORESCENCE AND DEEP CHLOROPHYLL MAXIMA IN THE NORTHEASTERN MEDITERRANEAN**
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- XLV. Identification of the oxic anoxic interface by isopycnal surfaces in the black sea**
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- XLVII. Procedures subgroup report**
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- XLVIII. MEASUREMENT OF DISSOLVED ORGANIC-CARBON AND NITROGEN IN NATURAL-WATERS - DOC SUBGROUP REPORT**
 Sharp J. H., Peltzer E. T., Alperin M. J., Cauwet G., Farrington J., B Fry B. F., Karl D. M., Martin J. H., A Spitz A. S., TUĞRUL S., et al.
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- XLIX. CHANGES IN THE HYDROCHEMISTRY OF THE BLACK-SEA INFERRED FROM WATER DENSITY PROFILES**
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- L. Methyltins in the marine environment**
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Articles Published in Other Journals

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- II. **Determination of limited nutrients in the Turkish coastal waters of the Mediterranean and Aegean Seas**
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Books & Book Chapters

- I. **Denizlerde Bütünleşik Kirlilik İzleme İşi 2014-2016 Marmara Denizi Özet Raporu**
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- IV. **Nutrients, chlorophyll-a and dissolved oxygen dynamics in the coastal water bodies and marine waters of the Southern Black Sea**
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- VII. **Land Base Pollution of the Turkish Mediterranean Sea**
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- VIII. **Chemical Oceanography of Northeastern Mediterranean**
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- IX. **Physcal and biochemical characteristics of teh Black Sea**
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- X. **Phytoplankton dynamics in the Northeastern Mediterranean with respect to relative dust deposition**
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- VII. **Contrasting the permanently anoxic Black Sea with the rapidly deoxygenating Marmara Sea: Distinct redox processes of sulfur, nitrogen and oxygen in the two interconnected enclosed basins**
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- VIII. **Marmara Denizi için Bütünleşik Modelleme Sistemi**
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- XII. **Variations in the eutrophication-related biochemical properties of the Iskenderun and Mersin Bay surface waters**
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- XIII. **Geochemical properties of the Iskenderun and Mersin Bay surface sediments**
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