

Asst. Prof. DEVRİM TEZCAN

Personal Information

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Education Information

Doctorate, Middle East Technical University, Institute of Marine Sciences, Marine Geology & Geophysics, Turkey 2001 - 2007

Post Graduate, Middle East Technical University, Institute of Marine Sciences, Marine Geology & Geophysics, Turkey 1999 - 2001

Under Graduate, Ankara Üniversitesi, Mühendislik Fakültesi, Jeofizik Mühendisliği Bölümü, Turkey 1994 - 1998

Dissertations

Doctorate, Crustal structure of the Eastern Mediterranean and Black Sea basins from satellite altimetry and shipborne gravity data, Middle East Technical University, Institute of Marine Sciences, Marine Geology & Geophysics, 2007

Post Graduate, Seismic stratigraphy of late quaternary sediments on the continental shelf of Antalya Bay, Middle East Technical University, Institute of Marine Sciences, Marine Geology & Geophysics, 2001

Research Areas

Marine Sciences and Technology, Coastal Sciences, Coastal Zone Management, Oceanography, Applied Geophysics

Academic Titles / Tasks

Assistant Professor, Middle East Technical University, Institute of Marine Sciences, 2018 - Continues

Assistant Professor, Middle East Technical University, Institute of Marine Sciences, 2014 - 2018

Expert, Middle East Technical University, Institute of Marine Sciences, Marine Geology & Geophysics, 2012 - 2013

Research Assistant, Middle East Technical University, Institute of Marine Sciences, Marine Geology & Geophysics, 2001 - 2006

Professional Experience

Assistant Director of the Institute, Middle East Technical University, Institute of Marine Sciences, Marine Geology & Geophysics, 2016 - Continues

Head of Department, Middle East Technical University, Institute of Marine Sciences, Marine Geology & Geophysics, 2016 - Continues

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

- **Challenges for Sustained Observing and Forecasting Systems in the Mediterranean Sea**
Tintore J., Pinardi N., Alvarez-Fanjul E., Aguiar E., Alvarez-Berastegui D., Bajo M., Balbin R., Bozzano R., Nardelli B. B., Cardin V., et al.
FRONTIERS IN MARINE SCIENCE, vol.6, 2019 (Journal Indexed in SCI)
- **Self-sharpening induces jet-like structure in seafloor gravity currents**
Dorrell R. M., Peakall J., Darby S. E., Parsons D. R., Johnson J., Sumner E. J., Wynn R. B., Ozsoy E., TEZCAN D.
NATURE COMMUNICATIONS, vol.10, 2019 (Journal Indexed in SCI)
- **GEOLOGY AND GEOPHYSICS OF THE SOUTHERN SHELF OF THE BLACK SEA**
TEZCAN D., YÜCEL M., Cifci G.
BLACK SEA MARINE ENVIRONMENT: THE TURKISH SHELF, vol.46, pp.32-51, 2017 (Journal Indexed in SCI)
- **Flow dynamics and mixing processes in hydraulic jump arrays: Implications for channel-lobe transition zones**
Dorrell R. M., Peakall J., Sumner E. J., Parsons D. R., Darby S. E., Wynn R. B., Ozsoy E., TEZCAN D.
MARINE GEOLOGY, vol.381, pp.181-193, 2016 (Journal Indexed in SCI)
- **DEEP-SEA ECOSYSTEMS OF THE EASTERN MEDITERRANEAN**
YÜCEL M., ÖZKAN K., TEZCAN D.
TURKISH PART OF THE MEDITERRANEAN SEA: MARINE BIODIVERSITY, FISHERIES, CONSERVATION AND GOVERNANCE, vol.43, pp.366-379, 2016 (Journal Indexed in SCI)
- **Continuous resistivity profiling survey in Mersin Harbour, Northeastern Mediterranean Sea**
OKYAR M., YILMAZ S., TEZCAN D., Cavas H.
MARINE GEOPHYSICAL RESEARCH, vol.34, pp.127-136, 2013 (Journal Indexed in SCI)
- **Heat flow in the Sea of Marmara Central Basin: Possible implications for the tectonic evolution of the North Anatolian fault**
Grall C., Henry P., TEZCAN D., de Lepinay B. M., Becel A., Geli L., Rudkiewicz J., Zitter T., Harmegnies F.
GEOLOGY, vol.40, pp.3-6, 2012 (Journal Indexed in SCI)
- **A basin-wide Black Sea Mnemiopsis leidyi database**
Vladymyrov V., Kideys A. E., Myroshnychenko V., Slipetsky D., Shiganova T., Abolmasova G., Bingel F., TEZCAN D., Ak Y., Anninsky B., et al.
AQUATIC INVASIONS, vol.6, pp.115-122, 2011 (Journal Indexed in SCI)
- **Late quaternary seismic stratigraphy and active faults of the Gulf of Izmit (NE Marmara Sea)**
OKYAR M., Pinar A., TEZCAN D., Kamaci Z.
MARINE GEOPHYSICAL RESEARCH, vol.29, pp.89-107, 2008 (Journal Indexed in SCI)
- **Seismic stratigraphy of Late Quaternary deposits on the continental shelf of Antalya Bay, Northeastern Mediterranean**
Tezcan D., Okyar M.
CONTINENTAL SHELF RESEARCH, vol.26, pp.1595-1616, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

- **CoCoNet: TOWARDS COAST TO COAST NETWORKS OF MARINE PROTECTED AREAS (FROM THE SHORE TO THE HIGH AND DEEP SEA), COUPLED WITH SEA-BASED WIND ENERGY POTENTIAL**
ÖZYURT TARAKCIOĞLU G., Boero F., Foglini F., Frascchetti S., Goriup P., Macpherson E., Planes S., Soukissian T., Adiloğlu B., Gween C., et al.
SCIRES-IT-SCIENTIFIC RESEARCH AND INFORMATION TECHNOLOGY, vol.6, pp.1-95, 2016 (Journal Indexed in ESCI)

Books & Book Chapters

- **Geology and Geophysics of the Southern Shelf of the Black Sea**

TEZCAN D., YÜCEL M., ÇİFTÇİ G.

in: Black Sea Marine Environment: The Turkish Shelf, Murat Sezgin, Levent Bat, Derya Urkmez, Elif Arici, Bayram Ozturk, Editor, Turkish Marine Research Foundation, pp.32-51, 2017

● **Deep sea ecosystems of the Eastern Mediterranean**

Yücel M., Özkan K., Tezcan D.

in: The Turkish Part of the Mediterranean Sea Marine Biodiversity Fisheries Conservation and Governance, Derya Urkmez, Murat Sezgin, Levent Bat, Bayram Ozturk, Editor, Türkiye Deniz arařtırmaları Vakfı, İstanbul, pp.98-113, 2016

Refereed Congress / Symposium Publications in Proceedings

● **MARMOD database: Marmara Sea marine data**

TEZCAN D., Myroshnychenko V., kantarlı s., selamođlu çağlayan h., ALTIOK H., SALİHOĐLU B.

International Conference on Marine Data and Information Systems, Barcelona, Spain, 5 - 07 November 2018, vol.56, pp.289-290

● **DENİZ EKOSİSTEM ve İKLİM ARAŐTIRMALARI MERKEZİ**

Fach Salihođlu B. A. , Tezcan D., Salihođlu B.

● **TÜRKİYE ULUSAL JEODEZİ JEOFİZİK BİRLİĐİ BİLİMSEL KONGRESİ** , İzmir, Turkey, 30 May - 02 June 2018, pp.1-4

● **Argo Verileri**

TEZCAN D., FACH B. A.

Türkiye Ulusal Jeodezi ve Jeofizik Birliđi Bilimsel Kongresi, İzmir, Turkey, 30 May - 02 June 2018

● **Kilikya Baseni (Dođu Akdeniz) Kıta Sahanlığında Demir ve Manganezin Jeokimyasal Dönüşümleri**

Ermiş E., Örek H., Tezcan D., Yücel M.

3. Ulusal Deniz Bilimleri Konferansı, İzmir, Turkey, 9 - 12 May 2018, pp.266-267

● **Holocene Evolution of the Goksu Delta**

Tezcan D., Okyar M.

3. Ulusal Deniz Bilimleri Konferansı, İzmir, Turkey, 9 - 12 May 2018, pp.148-149

● **Coastal Physical and Biogeochemical Oceanographic Time Series Studies Offshore Kyrenia TRNC**

Deliceirmak, Deliceirmak Ç., Fuller, Fuller W., Sancak S., Özsoy M., Maviş, Maviş, Maviş M., Refiker H., Örek H., Örek Y., Tezcan D., Serakıncı N., et al.

3. Ulusal Deniz Bilimleri Konferansı, İzmir, Turkey, 9 - 12 May 2018, pp.189-190

● **Kuzey Dođu Levanten Basenindeki Fiziksel Oşinografi Çalışmaları.**

Örek H., TEZCAN D., FACH B. A. , Yılmaz E., SALİHOĐLU İ., SANCAK S., FULLER W. J. , Latif M.

III. Ulusal Deniz Bilimleri Konferansı 2018, İzmir, Turkey, 9 - 12 May 2018

● **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**

YÜCEL M., SALİHOĐLU B., Örek H., Fach B., Arkn S., ÖZKAN K., AKÇAY İ., Güraslan C., TEZCAN D., Gazihan A., et al. Ocean Sciences Meeting 2018, 12 February 2018

● **Marmara Denizi için Bütünleşik Modelleme Sistemi**

SALİHOĐLU B., TUĐRUL S., ÖZKAN K., TEZCAN D., YÜCEL M.

Marmara denizi Sempozyumu, Turkey, 21 - 22 November 2017

● **Kuzeydođu Akdeniz yüzey sedimanlarında jeokimyasal özelliklerin deđişimi**

Tuđrul S., Tezcan D., Akçay İ., Başduvar Ş.

I. Ulusal Denizlerde İzleme ve Deđerlendirme Sempozyumu, Ankara, Turkey, 21 - 23 December 2016, pp.278

● **ECOSYSTEM AND PRIMARY PRODUCTION INTERACTIONS IN THREE CONTRASTING SITES IN THENORTHERN LEVANTINE BASIN**

YILMAZ E., SALİHOĐLU B., UYSAL Z., YUMRUKTEPE V., TEZCAN D., ÖREK H., TUĐRUL S.

CEISM Congress, 12 - 16 September 2016, vol.41, pp.409

● **COMPARISON OF GEOCHEMICAL PROPERTIES OF SURFACE SEDIMENTS IN MERSİN AND İSKENDERUN BAY NE MEDITERRANEAN**

Akçay İ., Tuğrul S., Tezcan D., Ebula E.

CIESM Congress, Germany, 12 - 16 September 2016, vol.41, pp.204

● **Kuzey Levant Denizi'ndeki 3 farklı ekosisteme ait chl-a dinamiklerinin değerlendirilmesi**

Yılmaz E., Salihoglu B., Uysal Z., Yumruktepe V., Tezcan D., Örek H., Tuğrul S.

● Türkiye Deniz Bilimleri Konferansı, Ankara, Turkey, 31 May - 03 June 2016, pp.414

● **AKDENİZ KIYISAL BÖLGE SULARINDA DÖKÜ ALANLARI BELİRLEME KRİTERLERİ İSKENDERUN VE MERSİN KÖRFEZİ UYGULAMALARI**

YÜCEL N., TUĞRUL S., AKÇAY İ., Başduvar Ş., Sadighrad E., TEZCAN D., Örek H.

● Türkiye Deniz Bilimleri Konferansı, Turkey, 31 May - 03 June 2016

● **MERSİN KÖRFEZİ DENİZ TABANININ HABİTAT MODELLEMESİ**

Ebula E., TEZCAN D., TUĞRUL S., Yalçın U., AKÇAY İ., Başduvar Ş., Yemenicioğlu S., Tunç Ş. Ç.

● II. Kıyı ve Deniz Jeolojisi Sempozyumu ve IODP-ECORD Toplantısı, İstanbul, Turkey, 15 - 16 October 2015

● **Deniz Dip Tarama Uygulamaları ve Tarama Malzemesinin Çevresel Yönetimi DİPTAR Projesi ilk sonuçları**

TUĞRUL S., tolun l., YÜCEL N., akçay i., TEZCAN D., yalçın u., ABLA A.

● 18. Ulusal Su Ürünleri Sempozyumu, İzmir, Turkey, 1 - 03 October 2015

● **Marine science education for primary schoolchildren I know andprotect my seas**

AKÇAY İ., SAYDAM G., AKOĞLU E., TEZCAN D., SALİHOĞLU B., GAZİHAN AKOĞLU A., ZENGİNER YILMAZ A., KIDEYŞ A. E. , Linder C., Güraslan C., et al.

● SECOND EUROPEAN MARINE SCIENCE EDUCATORS ASSOCIATION CONFERENCE, 1 - 03 October 2014

● **IMPORTANCE OF BEACH CHARACTERIZATION ON MONITORING SEA TURTLES NESTING SEASON**

Cihan S., Ural Y., TEZCAN D., KIDEYŞ A. E.

FABA 2014: International Symposium On Fisheries And Aquatic Sciences, 25 - 27 September 2014

Supported Projects

Fach Salihoglu B. A. , Tezcan D., Akoğlu E., TUBITAK Project, Türkiye Akdeniz kıyılarında Lesepsiyen göçmen balıkların temel yaşam alanlarının belirlenmesinde bir araç olarak bilgisayar modelleme çalışması: Merbun balığı (Nemipterus randalli) üzerine örnek uygulama, 2018 - 2021

TEZCAN D., ÖZKAN K., UYSAL Z., AKOĞLU E., TUĞRUL S., KIDEYŞ A. E. , YÜCEL M., SALİHOĞLU B., ZENGİNER YILMAZ A., Project Supported by Higher Education Institutions, Erdemli Zaman Serisi Deniz Araştırmaları 2017, 2017 - 2019

TEZCAN D., Project Supported by Higher Education Institutions, Göksu Nehir Ağzında Deniz Tabanı Çökel Taşınımı, 2015 - 2016

Citations

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