

# Prof. BARIŞ SALİHOĞLU

## Personal Information

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## International Researcher IDs

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ScopusID: 16643847700

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## Education Information

Doctorate, Old Dominion University, Oşinografi, United States Of America 1998 - 2005

Postgraduate, Middle East Technical University, Institute of Marine Sciences, Fiziksel Oşinografi Anabilim Dalı, Turkey 1996 - 1998

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Petroleum and Natural Gas Engineering, Turkey 1992 - 1996

## Foreign Languages

French, B1 Intermediate

English, C1 Advanced

## Dissertations

Doctorate, Modelling the effects of physical and biogeochemical processes on phytoplankton species and carbon production in the equatorial Pacific Ocean, Old Dominion University, 2005

Postgraduate, Three-layer model of plankton productivity in the Black Sea basin., Middle East Technical University, Institute of Marine Sciences, 1998

## Research Areas

Marine Sciences and Technology, Oceanography, Physical Oceanography, Ocean Observation Systems, Ocean Modeling and Forecasting

## Academic Titles / Tasks

Professor, Middle East Technical University, Institute of Marine Sciences, Oceanography, 2020 - Continues

Associate Professor, Middle East Technical University, Institute of Marine Sciences, Oceanography, 2015 - 2020

## Academic and Administrative Experience

Middle East Technical University, Institute of Marine Sciences, 2016 - Continues

Middle East Technical University, Institute of Marine Sciences, 2009 - 2016

## Advising Theses

FACH SALİHOĞLU B. A., SALİHOĞLU B., Estimating the effect of krill on the southern ocean ecosystem functioning, Postgraduate, O.KARAKUŞ(Student), 2018

SALİHOĞLU B., Investigations on ecosystem-based fisheries management strategies for the Turkish seas, Doctorate, A.GAZİHAN(Student), 2017

Salihoğlu B., Akoğlu E., Modeling the Impact of Fish and Fisheries on Marine Biogeochemistry: A Case Study in the Sargasso Sea, Postgraduate, D.Dişa(Student), 2016

SALİHOĞLU B., Development and application of new model algorithms of the biological carbon pump in the north atlantic: a study on particle export, sinking and decomposition, Doctorate, V.ÇAĞLAR(Student), 2016

SALİHOĞLU B., Analyses of ecosystem-primary production interactions in the Northern Levantine basin, Postgraduate, E.YILMAZ(Student), 2016

SALİHOĞLU B., Nonlinear dynamics of the Black sea ecosystem and its response to anthropogenic and climate variations, Doctorate, E.AKOĞLU(Student), 2013

SALİHOĞLU B., A Coupled modelling attempt of hydrodynamics and ecosystem of northern levantine basin, Postgraduate, A.Aydoğdu(Student), 2012

SALİHOĞLU B., The impact of climate variability on the physical properties of The Black Sea for the period 1971?2001, Postgraduate, M.AKİF(Student), 2011

SALİHOĞLU B., Investigation of primary production and nutrient cycles in the Cilician basin, Postgraduate, V.ÇAĞLAR(Student), 2011

SALİHOĞLU B., The impact of climate variability on the physical properties of the Black Sea for the period 1971 – 2001, Postgraduate, M.Akif(Student), 2011

SALİHOĞLU B., Analysis of the lower trophic level of the Black Sea ecosystem after Mnemiopsis leidyi outburst, Postgraduate, N.SEVİNÇ(Student), 2010

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Exploitation of mesopelagic fish stocks can impair the biological pump and food web dynamics in the ocean**  
Dişa D., AKOĞLU E., SALİHOĞLU B.  
Frontiers in Marine Science, vol.11, 2024 (SCI-Expanded)
- II. **Sources of the Levantine Intermediate Water in Winter 2019**  
Taillandier V., D'Ortenzio F., Prieur L., Conan P., Coppola L., Cornec M., Dumas F., Durrieu De Madron X., Fach Salihoğlu B. A., Fourrier M., et al.  
Journal of Geophysical Research: Oceans, vol.127, no.6, 2022 (SCI-Expanded)
- III. **Mesoscale eddies in the Black Sea: Characteristics and kinematic properties in a high-resolution ocean model**  
Sadighrad E., Fach Salihoğlu B. A., Arkin S. S., Salihoğlu B., Hüsrevoğlu Y. S.  
Journal of Marine Systems, vol.223, 2021 (SCI-Expanded)
- IV. **Assessing the impact of nutrient loads on eutrophication in a semi-enclosed bay combining observations and coupled hydrodynamic-ecosystem modelling**  
Yelekcı Ö., Ibello V., Fach Salihoğlu B. A., Küçüksezgin F., Yumruktepe C. V., Sayin E., Salihoğlu B., Tuğrul S.  
Mediterranean Marine Science, vol.22, no.3, pp.677-696, 2021 (SCI-Expanded)
- V. **Water Mass Variability and Levantine Intermediate Water Formation in the Eastern Mediterranean Between 2015 and 2017**  
Fach Salihoğlu B. A., Örek H., Yilmaz E., Tezcan D., Salihoglu I., Salihoğlu B., Latif M. A.

JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS, vol.126, no.2, 2021 (SCI-Expanded)

- VI. **Controls on carbon export in the subtropical North Atlantic**  
Yumruktepe V. C., Salihoğlu B., Neuer S.  
PROGRESS IN OCEANOGRAPHY, vol.187, 2020 (SCI-Expanded)
- VII. **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 (SCI-Expanded)
- VIII. **The specificity of marine ecological indicators to fishing in the face of environmental change: A multi-model evaluation**  
Shin Y., Houle J. E., Akoğlu E., Blanchard J. L., Bundy A., Coll M., Demarcq H., Fu C., Fulton E. A., Heymans J. J., et al.  
ECOLOGICAL INDICATORS, vol.89, pp.317-326, 2018 (SCI-Expanded)
- IX. **MODELING AS A MANAGEMENT TOOL**  
FACH SALİHOĞLU B. A., SALİHOĞLU B., Arkin S., AKOĞLU E., Guraslan C.  
BLACK SEA MARINE ENVIRONMENT: THE TURKISH SHELF, vol.46, pp.458-475, 2017 (SCI-Expanded)
- X. **Ecosystem indicators-accounting for variability in species' trophic levels**  
Reed J., Shannon L., VELEZ L., AKOĞLU E., BUNDY A., Coll M., FU C., FULTON E. A., Gruss A., HALOUANI G., et al.  
ICES JOURNAL OF MARINE SCIENCE, vol.74, no.1, pp.158-169, 2017 (SCI-Expanded)
- XI. **Evolution of Future Black Sea Fish Stocks under Changing Environmental and Climatic Conditions**  
Salihoglu B., Arkin S. S., Akoğlu E., Fach B. A.  
FRONTIERS IN MARINE SCIENCE, vol.4, 2017 (SCI-Expanded)
- XII. **The Influence of Land Use on Coastal Litter: An Approach to Identify Abundance and Sources in the Coastal Area of Cilician Basin, Turkey**  
Aydin C., Guven O., SALİHOĞLU B., KIDEYŞ A. E.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.16, no.1, pp.29-39, 2016 (SCI-Expanded)
- XIII. **Potential impacts of climate change on the primary production of regional seas: A comparative analysis of five European seas**  
Holt J., Schrum C., Cannaby H., Daewel U., Allen I., Artioli Y., Bopp L., Butenschon M., Fach B. A., Harle J., et al.  
PROGRESS IN OCEANOGRAPHY, vol.140, pp.91-115, 2016 (SCI-Expanded)
- XIV. **A MSFD complementary approach for the assessment of pressures knowledge and data gaps in Southern European Seas The PERSEUS experience**  
Crise A., Kaberi H., Ruiz J., Zatsepin A., Arashkevich E., Giani M., Karageorgis A., Prieto L., Pantazi M., d'Alcalà M R., et al.  
Marine Pollution Bulletin, vol.95, pp.28-39, 2015 (SCI-Expanded)
- XV. **Climatic controls on biophysical interactions in the Black Sea under present day conditions and a potential future (A1B) climate scenario**  
Cannaby H., Fach B. A., Arkin S. S., Salihoglu B.  
JOURNAL OF MARINE SYSTEMS, vol.141, pp.149-166, 2015 (SCI-Expanded)
- XVI. **A GLANCE AT THE AEGEAN SEA THROUGH THE EYES OF INDICATORS**  
Gazihan A., SALİHOĞLU B., AKOĞLU E., Oguz T.  
AEGEAN SEA: MARINE BIODIVERSITY, FISHERIES, CONSERVATION AND GOVERNANCE, vol.41, pp.685-692, 2015 (SCI-Expanded)
- XVII. **Challenges in integrative approaches to modelling the marine ecosystems of the North Atlantic: Physics to fish and coasts to ocean**  
Holt J., Allen J. I., Anderson T. R., Brewin R., Butenschon M., Harle J., Huse G., Lehodey P., Lindemann C., Memery L., et al.  
PROGRESS IN OCEANOGRAPHY, vol.129, pp.285-313, 2014 (SCI-Expanded)
- XVIII. **The Biological Carbon Pump in the North Atlantic**  
Sanders R., Henson S. A., Koski M., De la Rocha C. L., Painter S. C., Poulton A. J., Riley J., SALİHOĞLU B., Visser A., Yool A., et al.  
PROGRESS IN OCEANOGRAPHY, vol.129, pp.200-218, 2014 (SCI-Expanded)

- XIX. **Biomass changes and trophic amplification of plankton in a warmer ocean**  
Chust G., Allen J. I., Bopp L., Schrum C., Holt J., Tsiaras K., Zavatarelli M., Chifflet M., Cannaby H., Dadou I., et al.  
GLOBAL CHANGE BIOLOGY, vol.20, pp.2124-2139, 2014 (SCI-Expanded)
- XX. **An indicator-based evaluation of Black Sea food web dynamics during 1960-2000**  
Akoglu E., Salihoğlu B., Libralato S., Oguz T., Solidoro C.  
JOURNAL OF MARINE SYSTEMS, vol.134, pp.113-125, 2014 (SCI-Expanded)
- XXI. **Quantification of the Synergistic Effects of Eutrophication, Apex Predator Pressure, and Internal Processes on the Black Sea Ecosystem**  
SALİHOĞLU B., Sevinc N.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.13, no.4, pp.581-592, 2013 (SCI-Expanded)
- XXII. **Regional peculiarities of community-wide trophic cascades in strongly degraded Black Sea food web**  
Oguz T., SALİHOĞLU B., Moncheva S., Abaza V.  
JOURNAL OF PLANKTON RESEARCH, vol.34, no.4, pp.338-343, 2012 (SCI-Expanded)
- XXIII. **Current state of overfishing and its regional differences in the Black Sea**  
Oguz T., Akoğlu E., Salihoglu B.  
OCEAN & COASTAL MANAGEMENT, vol.58, pp.47-56, 2012 (SCI-Expanded)
- XXIV. **Control mechanisms on the ctenophore Mnemiopsis population dynamics: A modeling study**  
Salihoglu B., Fach B. A., Oğuz T.  
JOURNAL OF MARINE SYSTEMS, vol.87, pp.55-65, 2011 (SCI-Expanded)
- XXV. **Challenges of modeling depth-integrated marine primary productivity over multiple decades: A case study at BATS and HOT**  
Saba V. S., Friedrichs M. A. M., Carr M., Antoine D., Armstrong R. A., Asanuma I., Aumont O., Bates N. R., Behrenfeld M. J., Bennington V., et al.  
GLOBAL BIOGEOCHEMICAL CYCLES, vol.24, 2010 (SCI-Expanded)
- XXVI. **End-To-End Models for the Analysis of Marine Ecosystems: Challenges, Issues, and Next Steps**  
Rose K. A., Allen J. I., Artioli Y., Barange M., Blackford J., Carlotti F., Cropp R., Daewel U., Edwards K., Flynn K., et al.  
MARINE AND COASTAL FISHERIES, vol.2, no.1, pp.115-130, 2010 (SCI-Expanded)
- XXVII. **Modeling the effect of ENSO on the lower trophic level ecosystem of the Cold Tongue and the Warm Pool regions in the equatorial Pacific**  
Salihoglu B.  
JOURNAL OF MARINE SYSTEMS, vol.77, pp.160-181, 2009 (SCI-Expanded)
- XXVIII. **Invasion dynamics of the alien ctenophore Mnemiopsis leidyi and its impact on anchovy collapse in the Black Sea**  
Oğuz T., Fach B. A., Salihoğlu B.  
JOURNAL OF PLANKTON RESEARCH, vol.30, pp.1385-1397, 2008 (SCI-Expanded)
- XXIX. **A coupled plankton-anchovy population dynamics model assessing nonlinear controls of anchovy and gelatinous biomass in the Black Sea**  
OĞUZ T., SALİHOĞLU B., Fach B. A.  
MARINE ECOLOGY PROGRESS SERIES, vol.369, pp.229-256, 2008 (SCI-Expanded)
- XXX. **Influence of nutrient utilization and remineralization stoichiometry on phytoplankton species and carbon export: A modeling study at BATS**  
Salihoglu B., Garcon V., Oschlies A., Lomas M. W.  
DEEP-SEA RESEARCH PART I-OCEANOGRAPHIC RESEARCH PAPERS, vol.55, no.1, pp.73-107, 2008 (SCI-Expanded)
- XXXI. **Simulations of phytoplankton species and carbon production in the equatorial Pacific Ocean 2. Effects of physical and biogeochemical processes**  
Salihoglu B., Hofmann E. E.  
JOURNAL OF MARINE RESEARCH, vol.65, no.2, pp.275-300, 2007 (SCI-Expanded)
- XXXII. **Simulations of phytoplankton species and carbon production in the equatorial Pacific Ocean 1. Model configuration and ecosystem dynamics**  
Salihoglu B., Hofmann E. E.  
JOURNAL OF MARINE RESEARCH, vol.65, no.2, pp.219-273, 2007 (SCI-Expanded)

- XXXIII. **Pelagic functional group modeling: Progress, challenges and prospects**  
Hood R. R., Laws E. A., Armstrong R. A., Bates N. R., Brown C. W., Carlson C. A., Chai F., Doney S. C., Falkowski P. G., Feely R. A., et al.  
DEEP-SEA RESEARCH PART II-TOPICAL STUDIES IN OCEANOGRAPHY, vol.53, pp.459-512, 2006 (SCI-Expanded)
- XXXIV. **Water-mass properties and circulation on the west Antarctic Peninsula Continental Shelf in Austral Fall and Winter 2001**  
Klinck J., Hofmann E., Beardsley R., Salihoglu B., Howard S.  
DEEP-SEA RESEARCH PART II-TOPICAL STUDIES IN OCEANOGRAPHY, vol.51, pp.1925-1946, 2004 (SCI-Expanded)
- XXXV. **Factors affecting fledging weight of Adelie penguin (*Pygoscelis adeliae*) chicks: a modeling study**  
Salihoglu B., Fraser W., Hofmann E.  
POLAR BIOLOGY, vol.24, no.5, pp.328-337, 2001 (SCI-Expanded)
- XXXVI. **Simulation of eddy-driven phytoplankton production in the Black Sea**  
Oguz T., Salihoglu B.  
GEOPHYSICAL RESEARCH LETTERS, vol.27, no.14, pp.2125-2128, 2000 (SCI-Expanded)

## Books & Book Chapters

- I. **Deniz Bilim Çalışmalarının Yönetim Stratejilerine ve Toplum Bilime Yansıması**  
Salihoglu B., Şahin Yücel E., Tezcan D.  
in: Yüksek Öğretim Dergisi, Prof. Dr. Rahmi ER, Prof. Dr. Hayati DEVELİ, Prof. Dr. Sezer Ş. KOMSULOĞLU, Prof. Dr. Özer KANBUROĞLU, Şener ASLAN, Fatih TIĞLI, Ali BULUT, Editor, YÖK, Ankara, pp.14-19, 2021
- II. **İklim Değişikliği, Ekosistem Servisleri ve Bölgesel Yönetim Stratejileri**  
Salihoglu B., Şahin Yücel E., Ibello V., Yücel M.  
in: İklim Değişikliği Ve Türkiye Denizleri Üzerine Etkileri, Barış SALİHOĞLU, Bayram ÖZTÜRK, Editor, Türk Deniz Araştırmaları Vakfı (TÜDAV), İstanbul, pp.1-23, 2021
- III. **Marmara Denizi'nin Geçirdiği Biyojeokimyasal Değişimler Bağlamında 2021 Müsilaj Patlaması, Güncel Baskılar ve Çözüm Önerileri**  
Yücel M., Özkan K., Fach B. A., Örek H., Mantıkcı M., Tezcan D., Akçay I., Özhan K., Arkin Ş. S., Tuğrul S., et al.  
in: Marmara Denizi'nin Ekolojisi: Deniz Salyası Oluşumu, Etkileşimleri ve Çözüm Önerileri, Muzaffer Şeker, İzzet Öztürk, Editor, TÜBA, pp.249-268, 2021
- IV. **Black Sea (Chapter 8)**  
Todorova N., Alyomov S., Chiotoroiu B., Fach B. A., Osadchaya T., Rangelov M., Salihoglu B., Vasilev V.  
in: World Seas: An Environmental Evaluation, Volume I: Europe, The Americas and West Africa, Charles Sheppard, Editor, Elsevier Science, Oxford/Amsterdam, Oxford, pp.209-226, 2018
- V. **Modeling as a Management Tool**  
FACH B. A., SALİHOĞLU B., ARKİN S., AKOĞLU E., GÜRASLAN C.  
in: BLACK SEA MARINE ENVIRONMENT: THE TURKISH SHELF, Sezgin, M. Bat.L., ÜRKMEZ, D., ARICI, E., ÖZTÜRK, B., Editor, Turkish Marine Research Foundation (TÜDAV), İstanbul, pp.458-476, 2017
- VI. **PHYSICAL OCEANOGRAPHY OF THE EASTERN MEDITERRANEAN SEA**  
Akpınar A., Yılmaz E., Fach B. A., Salihoglu B.  
in: THE TURKISH PART OF THE MEDITERRANEAN SEAMARINE BIODIVERSITY FISHERIES CONSERVATION AND GOVERNANCE, Cemal TURAN, Barış SALİHOĞLU, Elif Özgür ÖZBEK, Bayram ÖZTÜRK, Editor, Turkish Marine Research Foundation (TUDAV), İstanbul, 2016
- VII. **A GLANCE AT THE AEGEAN SEA THROUGH THE EYES OF INDICATORS**  
GAZİHAN AKOĞLU A., SALİHOĞLU B., AKOĞLU E., Oğuz T.  
in: The Aegean Sea Marine Biodiversity Fisheries Conservation And Governance, Tuncer KATAĞAN, TOKAÇ, Şükrü BEŞİKTEPE, Bayram ÖZTÜRK, Editor, Turkish Marine Research Foundation (TÜDAV), pp.685-692, 2015

## Refereed Congress / Symposium Publications in Proceedings

- I. **Western Black Sea suboxic layer biogeochemical structure during the December 2022 R/V Bilim Expedition**  
Yücel M., Alımlı N., Cura H., Demir N. Y., Myroshnychenko V., Fach B. A., Arkin Ş. S., Tuğrul S., Salihoğlu B.  
Goldschmidt 2023 Conference, Lyon, France, 09 July 2023
- II. **DIGITAL TWIN AND MANAGEMENT PLAN RECOMMENDATIONS FOR THE SEA OF MARMARA**  
SALİHOĞLU B., YÜCEL M., TEZCAN D., FACH B. A., ÖREK H., ARKIN Ş. S., ÖZHAN K., ÖZKAN K., Mantıkçı A. M.  
III. Ulusal Denizlerde İzleme ve Değerlendirme Sempozyumu, Antalya, Turkey, 6 - 09 December 2022, pp.39-40
- III. **DOĞU AKDENİZ'DE DOLAŞIM DESENLERİ VE SU KÜTLESİ OLUŞUMUNDA DEĞİŞKENLİK**  
BAŞDURAK N. B., FACH B. A., SALİHOĞLU B., ÖREK H., ÖZHAN K., MANTIKCI M., MANTIKCI M.  
III. Ulusal Denizlerde İzleme ve Değerlendirme Sempozyumu, Turkey, 6 - 09 December 2022
- IV. **MARMARA DENİZİ'NDE OKSİJENİN TÜKENMESİ VE MÜSİLAJIN ETKİLERİ**  
MANTIKÇI M., YÜCEL M., ÖREK H., UYSAL Z., KAZAK M., ARKIN Ş. S., SALİHOĞLU B.  
5. ULUSAL DENİZ BİLİMLERİ KONFERANSI, Trabzon, Turkey, 01 June 2022, pp.1-236
- V. **KARADENİZ TÜRKİYE KARASULARINDA MEVSİMSEL BİRİNCİL ÜRETİM**  
MANTIKÇI M., UYSAL Z., YÜCEL M., ÖREK H., SALİHOĞLU B.  
5. ULUSAL DENİZ BİLİMLERİ KONFERANSI, Trabzon, Turkey, 1 - 03 June 2022, pp.1-236
- VI. **SEA SURFACE TEMPERATURE VARIABILITY IN THE EAST MEDITERRANEAN AND BLACK SEAS BETWEEN 1979-2021**  
Latif M. A., Örek H., Salihoğlu B.  
V. Ulusal Deniz Bilimleri Konferansı, Trabzon, Turkey, 1 - 03 June 2022, pp.147-148
- VII. **IMPACTS OF EUTROPHICATION ON BLACK SEA ECOSYSTEM: LONG-TERM CHANGES IN THE UPPER LAYER BIO-CHEMICAL PROPERTIES OVER THE DEEP BASIN**  
Salihoğlu B., Yücel M., Örek H., Tuğrul S.  
V. Ulusal Deniz Bilimleri Konferansı, Trabzon, Turkey, 1 - 03 June 2022, pp.83-84
- VIII. **CHANGES OBSERVED ON THE MARMARA SEA ECOSYSTEM DURING RECENT YEARS AND SOLUTIONS**  
Salihoğlu B., Yücel M., Örek H., Tuğrul S., Tezcan D.  
V. Ulusal Deniz Bilimleri Konferansı, Trabzon, Turkey, 1 - 03 June 2022, pp.199-200
- IX. **INTEGRATED HYDRODYNAMIC-BIOGEOCHEMICAL MODEL APPLICATIONS SPECIFIC TO TURKISH SEAS: BLACK SEA EXAMPLE**  
Arkin Ş. S., Fach Salihoğlu B. A., Sadighrad E., Acar A. O., Salihoğlu B.  
5. Ulusal Deniz Bilimleri Konferansı 2022, Trabzon, Turkey, 1 - 03 June 2022, pp.163-164
- X. **MARMARA DENİZİNİN GÜNCEL OKSİJEN DURUMU VE MÜSİLAJIN ETKİSİ**  
MANTIKÇI M., ÖREK H., YÜCEL M., UYSAL Z., ARKIN Ş. S., SALİHOĞLU B.  
MARMARA DENİZİ 2022 SEMPOZYUMU, İstanbul, Turkey, 08 January 2022, pp.18-24
- XI. **Modeling seasonal and interannual variability of pelagic fish larval dispersal and connectivity in the Black Sea.**  
Çağdaş B., FACH B. A., SALİHOĞLU B., ARKIN Ş. S.  
Advances in Marine Ecosystem Modelling Research (AMEMR) International Symposium, Plymouth, England, 12 - 15 July 2021
- XII. **Modeling the impact of mesoscale eddies on water mass transport in the Black Sea.**  
Sadighrad E., Fach B. A., Salihoğlu B., Arkin Ş. S., Hüsrevoğlu Y. S.  
Advances in Marine Ecosystem Modelling Research (AMEMR) International Symposium, Plymouth, England, 12 - 15 July 2021
- XIII. **Recent oxygen loss and redox-dependent alteration of seafloor iron, sulfur, nitrogen and phosphorus biogeochemistry in the Sea of Marmara.**  
YÜCEL M., AKÇAY İ., ÖZKAN K., ÖREK H., TEZCAN D., ÖZHAN K., FACH B. A., Alımlı N., SEVGİN S., Mantıkçı M., et al.  
Ocean Science Meeting USA 2020, 16 - 19 February 2020
- XIV. **Outreach and Communication in Marine Geosciences: The Integrated Strategy of METU Institute of Marine Sciences to Engage Communities in Turkey and Europe**

- Şahin E., Yücel M., Kideyş A. E., Ak Örek Y., Zenginler Yılmaz A., Kideyş A., Salihoğlu B.  
Goldschmidt Conference, Barcelona, Spain, 18 - 23 August 2019, pp.2925-2926
- XV. **Outreach and communication in marine geosciences: The integrated, tailored strategy of METU Institute of Marine Sciences to engage communities in Turkey and Europe**  
ŞAHİN E., YÜCEL M., KIDEYŞ A. E., ZENGİNER YILMAZ A., SALİHOĞLU B.  
Goldschmidt Conference, 18 - 23 August 2019
- XVI. **Center for Marine Ecosystem and Climate Research - DEKOSIM: A hub of excellence in support of blue economy at the Institute of Marine Sciences**  
SALİHOĞLU B., YÜCEL M., TEZCAN D.  
OceanObs'19, 15 September 2019
- XVII. **Levant Baseninde Nitrifikasyon ve Azot Fiksasyonu: Zaman Serisi Çalışması.**  
Ibello V., Küçükavşar S., Karahan A., Örek H., Arkin Ş. S., Salihoğlu B.  
III. Ulusal Deniz Bilimleri Konferansı, İzmir, Turkey, 9 - 12 May 2018
- XVIII. **MARMOD database: Marmara Sea marine data**  
TEZCAN D., Myroshnychenko V., Kantarlı s., selamoğlu çağlayan h., ALTIOK H., SALİHOĞLU B.  
International Conference on Marine Data and Information Systems, Barcelona, Spain, 5 - 07 November 2018, vol.56, pp.289-290
- XIX. **Discovering prokaryotic dynamic in marine environment by using a combination of genetic analysis and numerical ecosystem models**  
Kucukavşar S., Karahan A., Arkin Ş. S., Salihoğlu B.  
5th ECOLOGY AND EVOLUTIONARY BIOLOGY SYMPOSIUM, İzmir, Turkey, 18 - 20 July 2018, pp.19
- XX. **DENİZ EKOSİSTEM ve İKLİM ARAŞTIRMALARI MERKEZİ**  
Fach Salihoğlu B. A., Tezcan D., Salihoğlu B.  
TÜRKİYE ULUSAL JEODEZİ JEOFİZİK BİRLİĞİ BİLİMSEL KONGRESİ , İzmir, Turkey, 30 May - 02 June 2018, pp.1-4
- XXI. **Karadeniz kıyı akıntı sisteminde pelajik balık larvalarının kıyı boyunca taşınımı ve bölgesel tutulmasında tahmini etkilerin belirlenmesi**  
Fach B. A., Arkin S., Salihoğlu B.  
III Ulusal Deniz Bilimleri Konferansı, İzmir, Turkey, 9 - 12 May 2018
- XXII. **Kuzeydoğu Akdeniz'de çözünmüş besin elementlerinin dağılımı**  
Tuğrul S., Akçay İ., Örek H., Salihoğlu B., Deliceirmak Ç., Salihoğlu İ.  
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- XXIII. **Kuzeydoğu Akdeniz'de Cozunmuş Besin Elementlerinin Dagilimi.**  
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