

Prof. BARIŞ SALİHOĞLU

Personal Information

Office Phone: [+90 324 521 3434](tel:+903245213434) Extension: 1101

Email: sabaris@metu.edu.tr

Web: <https://avesis.metu.edu.tr/sabaris>

International Researcher IDs

ScholarID: QmVhXckAAAAJ

ORCID: 0000-0002-7510-7713

Publons / Web Of Science ResearcherID: D-1376-2010

ScopusID: 16643847700

Yoksis Researcher ID: 183368

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

English, C1 Advanced

French, B1 Intermediate

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

Rector's Advisor, Middle East Technical University, 2024 - Continues

Director of The Institution, Middle East Technical University, Institute Of Marine Sciences, 2024 - Continues

Manager of Research and Application Center, Middle East Technical University, 2022 - 2025

Director of The Institution, Middle East Technical University, Institute Of Marine Sciences, 2016 - 2023

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

Advising Theses

SALİHOĞLU B., FACH SALİHOĞLU B. A., 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. **Investigating the impact of cross-shelf transport and local retention in the Black Sea Rim Current system on small pelagic fishes**
Fach Salihoğlu B. A., Cagdas B., Arkin S. S., Salihoglu B., Tezcan D.
FRONTIERS IN MARINE SCIENCE, 2024 (SCI-Expanded)
- II. **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)
- III. **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)
- IV. **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)

- V. **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 Salihoglu B. A., Küçüksezgin F., Yumruktepe C. V., Sayin E., Salihoglu B., Tuğrul S.
 MEDITERRANEAN MARINE SCIENCE, vol.22, no.3, pp.677-696, 2021 (SCI-Expanded)
- VI. **Water Mass Variability and Levantine Intermediate Water Formation in the Eastern Mediterranean Between 2015 and 2017**
 Fach Salihoglu B. A., Örek H., Yilmaz E., Tezcan D., Salihoglu I., Salihoglu B., Latif M. A.
 JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS, vol.126, no.2, 2021 (SCI-Expanded)
- VII. **Controls on carbon export in the subtropical North Atlantic**
 Yumruktepe V. C., Salihoglu B., Neuer S.
 PROGRESS IN OCEANOGRAPHY, vol.187, 2020 (SCI-Expanded)
- VIII. **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, 2019 (SCI-Expanded)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- 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. **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)
- XVIII. **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., Butenschoen M., Harle J., Huse G., Lehodey P., Lindemann C., Memery L., et al.
PROGRESS IN OCEANOGRAPHY, vol.129, pp.285-313, 2014 (SCI-Expanded)
- XIX. 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)
- XX. 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)
- XXI. An indicator-based evaluation of Black Sea food web dynamics during 1960-2000**
Akoglu E., Salihoglu B., Libralato S., Oguz T., Solidoro C.
JOURNAL OF MARINE SYSTEMS, vol.134, pp.113-125, 2014 (SCI-Expanded)
- XXII. 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)
- XXIII. 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)
- XXIV. 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)
- XXV. 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)
- XXVI. 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)
- XXVII. 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)
- XXVIII. 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)
- XXIX. Invasion dynamics of the alien ctenophore Mnemiopsis leidyi and its impact on anchovy collapse in the Black Sea**
Oğuz T., Fach B. A., Salihoglu B.
JOURNAL OF PLANKTON RESEARCH, vol.30, pp.1385-1397, 2008 (SCI-Expanded)
- XXX. 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)
- XXXI. 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)
- 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. 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)

XXXIV. 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)

XXXV. 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)

XXXVI. 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)

XXXVII. 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. MARMARA DENİZİ'NDE YAYILI KAYNAKLARDAN GELEN KİRLİLİĞİN AZALTILMASI İÇİN MEVCUT OLAN METOTLAR VE UYGULANMA ALANLARI

ÖZHAN K., ÖZKAN K., SALİHOĞLU B., YÜCEL M., FACH SALİHOĞLU B. A., ÖREK H., MANTIKCI A. M., TEZCAN D., AKOĞLU E., ARKIN Ş. S., et al.

in: Marmara Denizi 2022 Sempozyumu Bildiriler Kitabı, ÖZTÜRK BAYRAM, ERGÜL HALİM AYTEKİN, YALÇINER AHMET CEVDET, ÖZTÜRK HÜSEYİN, SALİHOĞLU BARIŞ, Editor, TÜDAV, İstanbul, pp.113-119, 2022

II. MARMARA DENİZİ'NİN GÜNCEL OKSİJEN DURUMU VE MÜSİLAJIN ETKİSİ

MANTIKCI A. M., ÖREK H., YÜCEL M., UYSAL Z., ARKIN Ş. S., SALİHOĞLU B.

in: Marmara Denizi 2022 Sempozyumu Bildiriler Kitabı, ÖZTÜRK BAYRAM, ERGÜL HALİM AYTEKİN, YALÇINER AHMET CEVDET, ÖZTÜRK HÜSEYİN, SALİHOĞLU BARIŞ, Editor, TÜDAV, İstanbul, pp.18-24, 2022

III. Deniz Bilim Çalışmalarının Yönetim Stratejilerine ve Toplum Bilime Yansımaları

Salihoglu B., Şahin Yücel E., Tezcan D.

in: Yüksek Öğretim Dergisi, Prof. Dr. Rahmi ER, Prof. Dr. Hayati DEVELİ, Prof. Dr. Sezer Ş. KOMSUOĞLU, Prof. Dr. Özer KANBUROĞLU, Şener ASLAN, Fatih TIĞLI, Ali BULUT, Editor, YÖK, Ankara, pp.14-19, 2021

IV. 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

V. Marmara Denizi'nin Geçirdiği Biyojeokimyasal Değişimler Bağlamında 2021 Müsilaj Patlaması, Güncel Baskılar ve Çözüm Önerileri

Yücel M., Özkan K., Fach B. A., Örek H., Mantıkçı 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

VI. 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

VII. 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. BatL.,ÜRKMEZ, D., ARICI, E., ÖZTÜRK, B., Editor, Turkish Marine Research Foundation (TÜDAV), İstanbul, pp.458-476, 2017

VIII. PHYSICAL OCEANOGRAPHY OF THE EASTERN MEDITERRANEAN SEA

Akpınar A., Yılmaz E., Fach B. A., Salihoğlu B.

in: THE TURKISH PART OFTHE MEDITERRANEAN SEAMARINE BIODIVERSITY FISHERIES CONSERVATIONAND GOVERNANCE, Cemal TURAN, Barış SALİHOĞLU, Elif Özgür ÖZBEK, Bayram ÖZTÜRK, Editor, Turkish Marine Research Foundation (TUDAV), İstanbul, 2016

IX. 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. Impact of cross-shelf exchange events on eutrophication and primary production variability in the Black Sea

Fach Salihoğlu B. A., Arkin S., Sadighrad E., Acar A. O., Dişa D., Tezcan D., Salihoğlu B.

Advances in Marine Ecosystem Modelling Research (AMEMR) 2024, Plymouth, England, 8 - 11 July 2024, pp.62

II. Can digital twins help define a safe operating space for the seas? Transforming the regional seas: digital twin demonstrators

Salihoğlu B., Fach Salihoğlu B. A., Arkin S., Yücel M., Tezcan D., Niiranen S., Guittard A., Barbanti A., Mariani P., St. John M.

Advances in Marine Ecosystem Modelling Research (AMEMR) 2024, Plymouth, England, 8 - 11 July 2024, pp.152

III. SCIENCE COMMUNICATION IN PRACTICE: SHOWCASING THE PATHWAYS FOR BRIDGING THE GAPS BETWEEN SCIENCE AND SOCIETY WITHIN THE EU H2020 BRIDGE-BS PROJECT

Sayılkan Ö. E., Yücel M., Şahin Yücel E., Uygurer Z. P., Salihoğlu B.

EMSEA Conference 2023 , Batumi, Georgia, 16 - 18 October 2023

IV. YOUTH ENGAGEMENT IN OCEAN LITERACY: HOW THE BLACK SEA YOUNG AMBASSADORS SUPPORT OCEAN LITERACY IN THE BLACK SEA AND EUROPE

Şahin Yücel E., Uygurer Z. P., Sayılkan Ö. E., Yücel M., Salihoğlu B.

EMSEA Conference 2023 , Batumi, Georgia, 16 - 18 October 2023

V. DOĞU AKDENİZ'DE DOLAŞIM DESENLERİ VE SU KÜTLESİ OLUŞUMUNDA DEĞİŞKENLİK

BAŞDURAK N. B., FACH B. A., SALİHOĞLU B., ÖREK H., ÖZHAN K., MANTIKCI M.

III. Ulusal Denizlerde İzleme ve Değerlendirme Sempozyumu, Turkey, 6 - 09 December 2022

VI. The Black Sea Young Ambassadors program: Lessons learned in supporting ocean literacy and communicating marine geoscience

Şahin Yücel E., Yücel M., Uygurer Z. P., Sayılkan Ö. E., Salihoğlu B.

Goldschmidt2023, Lyon, France, 9 - 14 July 2023, pp.1

VII. 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

VIII. Phosphorus build-up, nitrogen loss and sulfide accumulation in response to recent deep-water deoxygenation in the Sea of Marmara

Yücel M., Örek H., Alımlı N., Mantıkçı M., Özhan K., Fach B. A., Tezcan D., Örek Y., Kalkan E., Arkin Ş. S., et al.

Goldschmidt 2023 Conference, Lyon, France, 9 - 14 July 2023

IX. MARMARA DENİZİ SU KOLONUNDA MÜSİLAJ ZAMANI VE SONRASI ÇÖZÜNMÜŞ OKSİJEN DEĞİŞİMLERİ

VE METABOLİK SÜREÇLER

MANTIKÇI M., YÜCEL M., ÖREK H., UYSAL Z., ARKIN Ş. S., KAZAK M., KAZAK M., SALİHOĞLU B.

III. Ulusal Denizlerde İzleme ve Değerlendirme Sempozyumu, Ankara, Turkey, 10 January 2023, pp.55-58

- X. **DIGITAL TWIN AND MANAGEMENT PLAN RECOMMENDATIONS FOR THE SEA OF MARMARA**
Salihoğlu 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
- XI. **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
- XII. **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
- XIII. **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
- XIV. **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
- XV. **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
- XVI. **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
- XVII. **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
- XVIII. **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
- XIX. **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
- XX. **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
- XXI. **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., Kıdeyş A. E., Ak Örek Y., Zenginler Yılmaz A., Kıdeyş A., Salihoğlu B.
Goldschmidt Conference, Barcelona, Spain, 18 - 23 August 2019, pp.2925-2926
- XXII. **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., KİDEYŞ A. E., ZENGİNER YILMAZ A., SALİHOĞLU B.
Goldschmidt Conference, 18 - 23 August 2019

- XXIII. **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
- XXIV. **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
- XXV. **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
- XXVI. **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
- XXVII. **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
- XXVIII. **Kuzeydoğu Akdeniz'de çözünmüş besin elementlerinin dağılımı**
Tuğrul S., Akçay İ., Örek H., Salihoğlu B., Deliceirmak Ç., Salihoğlu İ.
III. Ulusal Deniz Bilimleri Konferansı, İzmir, Turkey, 9 - 12 May 2018, pp.292
- XXIX. **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
- XXX. **Kuzey Dogu Levant Baseni'nin Prokaryotik Biyolojik Cesitliginin 16S RRNA Amplikon Dizileme Yontemi Ile Arastirilmesi- Oncul Sonuclar.**
Küçükavşar S., KARAHAN A., ARKIN Ş. S., SALİHOĞLU B.
III. Ulusal Deniz Bilimleri Konferansı, İzmir, Turkey, 9 - 12 May 2018
- XXXI. **Deniz Bilimleri Stratejisine Yön Veren Hedefler ve Göstergeler Nelerdir?**
ŞAHİN E., YÜCEL N., SALİHOĞLU B.
III. ULUSAL DENİZ BİLİMLERİ KONFERANSI, İzmir, Turkey, 9 - 12 May 2018
- XXXII. **Karadeniz Ic Baseni Ve Kita Sahanligi Arasindaki Fiziksel Transfer Mekanizmalarinin Ekosistem Uzerine Etkisi**
Sadighrad E., Arkin S., FACH B. A., SALİHOĞLU B.
III. Ulusal Deniz Bilimleri Konferansı 2018, İzmir, Turkey, 9 - 12 May 2018
- XXXIII. **Degisen Cevresel Ve Iklimsel Kosullar Altinda Karadeniz Balik Stoklarinin Gelecegi**
SALİHOĞLU B., Arkin S., AKOĞLU E., FACH B. A.
III. Ulusal Deniz Bilimleri Konferansı 2018, İzmir, Turkey, 9 - 12 May 2018
- XXXIV. **Kuzeydogu Akdeniz'de Cozunmus Besin Elementlerinin Dagilimi.**
AKÇAY İ., TUĞRUL S., Örek H., SALİHOĞLU B.
III. Ulusal Deniz Bilimleri Konferansı, İzmir, Turkey, 9 - 12 May 2018
- XXXV. **An effective University – Municipality partnership on K12 training aiming to reduce the marine litter and biodiversity loss of Mersin, Turkey**
KIDEYŞ A. E., GÜCÜ A. C., SALİHOĞLU B., OK M., AK ÖREK Y., GÖKDAĞ K., YAPAN B. Ç., KURT M.
Sixth International Marine Debris Conference, United States Of America, 12 - 16 March 2018
- XXXVI. **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., SALİHOĞLU B., Örek H., Fach B., Arkin S., ÖZKAN K., AKÇAY İ., Güraslan C., TEZCAN D., Gazihan A., et al.
Ocean Sciences Meeting 2018, 12 February 2018
- XXXVII. **Comparing the permanently anoxic Black Sea with the rapidly deoxygenating Marmara Sea: Distinct**

redox processes of sulfur, nitrogen and oxygen in the two interconnected basins.

YÜCEL M., SALİHOĞLU B., Örek H., FACH B. A., Arkin S., ÖZKAN K., AKOĞLU E., AKÇAY İ., Güraslan C., TEZCAN D., et al.

Ocean Sciences Meeting 2018, Portland, United States Of America, 12 - 16 February 2018

XXXVIII. **Forecasting the evolution of Black Sea fish stocks under changing environmental and climatic conditions.**

SALİHOĞLU B., Arkin S., AKOĞLU E., FACH B. A.

Ocean Sciences Meeting 2018, Portland, United States Of America, 12 - 16 February 2018

XXXIX. **Marine Biogeochemistry Under The Influence of (Mesopelagic) Fish and Fisheries: An Ecosystem Modeling Study**

Dişa D., AKOĞLU E., SALİHOĞLU B.

Ocean Sciences Meeting 2018, 11 - 16 February 2018

XL. **Marmara Denizi için Bütünleşik Modelleme Sistemi**

SALİHOĞLU B., TUĞRUL S., ÖZKAN K., TEZCAN D., YÜCEL M.

Marmara denizi Sempozyumu, Turkey, 21 - 22 November 2017

XLI. **Evolution of Black Sea fish stocks under changing environmental and climatic conditions**

SALİHOĞLU B., Arkin S., AKOĞLU E., FACH B. A., Sadighrad E.

Advances in Marine Ecosystem Modelling Research Symposium, Plymouth, United Kingdom, 3 - 06 July 2017, pp.96

XLII. **Understanding the impact of fish and fisheries on marine biogeochemistry: An ecosystem modeling study**

DİŞA D., AKOĞLU E., SALİHOĞLU B.

5th Advances in Marine Ecosystem Modelling Research Symposium, Plymouth, United Kingdom, 3 - 06 July 2017, pp.82

XLIII. **Contrasting local retention and along-shore transport in the Black Sea rim current system and their relative influence on pelagic fish**

FACH B. A., Arkin S., SALİHOĞLU B.

Advances in Marine Ecosystem Modelling Research Symposium, Plymouth, United Kingdom, 3 - 06 July 2017, pp.84

XLIV. **Marine Biogeochemistry Under The Influence of Fish And Fisheries: An Ecosystem Modeling Study**

DİŞA D., AKOĞLU E., SALİHOĞLU B.

European Geosciences Union General Assembly 2017, Viyana, Austria, 23 - 28 April 2017

XLV. **DENİZLERDEKİ MİKROBİYAL DÖNGÜLERİN GENETİK YAKLAŞIMLAR KULLANILARAK ARAŞTIRILMASI**

Küçükavşar S., Arkin Ş. S., KARAHAN A., SALİHOĞLU B.

I. ULUSAL DENİZLERDE İZLEME VE DEĞERLENDİRME SEMPOZYUMU, Turkey, 21 - 23 December 2016

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

YILMAZ E., SALİHOĞLU B., UYSAL Z., YUMRUKTEPE V., TEZCAN D., ÖREK H., TUĞRUL S.

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

XLVII. **Partikul Organik Karbon Gönderimi Bats ve Pap İstasyonlarında tep ve mineral balastın Etkisi bir modelleme çalışması**

IBELLO V., Yumruktepe V. Ç., SALİHOĞLU B.

Türkiye Deniz Bilimleri Konferansı 2016, Turkey, 31 May - 03 June 2016, pp.196-197

XLVIII. **KARADENİZ DE PELAJİK LARVA YAYILIM MODELLEMESİ EKOLOJİK BAĞLANTISALLIĞIN MEVSİMSSEL VE YILLARARASI DEĞİŞKENLİĞİ**

FACH B. A., Arkin S., SALİHOĞLU B.

Türkiye Deniz Bilimleri Konferansı 2016, Turkey, 31 May - 03 June 2016, pp.213-214

XLIX. **ARADENİZ DE İKLİM SİRKÜLASYON VE FİTOPLANKTON BİYOKÜTLESİ ARASINDAKİ İLİŞKİ**

Arkin S., Akpınar A., FACH B. A., SALİHOĞLU B., Temel O.

Türkiye Deniz Bilimleri Konferansı, Turkey, 31 May - 03 June 2016, pp.203-204

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

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

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

- LI. **DENİZLERDEKİ MİKROBİYAL REAKSİYONLARIN YENİYAKLAŞIMLAR KULLANILARAK ARAŞTIRILMASI: GENETİK, BİYOJEOKİMYA VE MODELLEME**
Küçükavşar S., Arkin Ş. S., Salihoğlu B., Karahan A., Ibello V.
Türkiye Deniz Bilimleri Konferansı, Ankara, Turkey, 31 May - 03 June 2016
- LII. **KARADENİZ İÇİN GELİŞTİRİLMİŞ YENİ NESİL EKOSİSTEM MODELİ BAŞARI ANALİZİ**
SALİHOĞLU B., FACH SALİHOĞLU B., ARKIN Ş. S., AKOĞLU E.
Türkiye Deniz Bilimleri Konferansı, Ankara, Turkey, 31 May - 03 June 2016
- LIII. **BALIKÇILIĞIN DENİZ BİYOJEOKİMYASI ÜZERİNDEKİ ETKİSİNİN EKOSİSTEM MODELLEMESİ YÖNTEMİYLE İNCELENMESİ**
DİŞA D., AKOĞLU E., SALİHOĞLU B.
Türkiye Deniz Bilimleri Konferansı, Ankara, Turkey, 31 May - 03 June 2016
- LIV. **Karadeniz Ekosisteminin Doğrusal Olmayan Dinamikleri Ve Antropojenik Ve İklimsel Değişkenlere Olan Tepkisi**
AKOĞLU E., SALİHOĞLU B., TEMEL O.
Türkiye Deniz Bilimleri Konferansı, Ankara, Turkey, 31 May - 03 June 2016
- LV. **Assessment of Model Uncertainty in the Prediction of Seasonal and Annual Variability in the Black Sea**
SALİHOĞLU B., Arkin S., FACH B. A., AKOĞLU E.
Ocean Sciences Meeting 2016, 21 - 26 February 2016
- LVI. **Comparison of Productivity Plankton Types and Carbon Export Mechanisms in two Different Regimes of Subtropical North Atlantic a Modeling Study**
SALİHOĞLU B., Yumruktepe V. C.
Ocean Sciences Meeting 2016, 21 - 26 February 2016
- LVII. **From science to policy A road map for a sustainable resource management in Turkey s marine EEZs**
GAZİHAN AKOĞLU A., SALİHOĞLU B., AKOĞLU E., Oğuz T.
Ocean Sciences Meeting 2016, 21 - 26 February 2016
- LVIII. **Analysis of eutrophication invasive ctenophores anchovy spawning areas in the Southern Black Sea**
SALİHOĞLU B., GÜCÜ A. C., TUĞRUL S., Öztürk D., UYSAL Z., ÖREK H., OK M., SAKINAN S., Özge İ., KIDEYŞ A. E.
Scientific Conference: "Integrated Marine Research in the Mediterranean and the Black Sea, 5 - 07 December 2015
- LIX. **A new generation end to end model producing forecast products to enhance marine GMES applications to the Black Sea**
SALİHOĞLU B., ARKIN S. S., FACH B. A., AKOĞLU E.
Scientific Conference: Integrated Marine Research in the Mediterranean and the Black Sea", 7 - 09 December 2015
- LX. **Marmara Experiment MAREX results and future projections**
TUĞRUL S., ÖZTÜRK D., ÖZTÜRK B., BALCIOĞLU E. B., KESKİN Ç., YÜKSEK A., YEMENİCİOĞLU S., KIDEYŞ A. E., SALİHOĞLU B., ÖREK H., et al.
Scientific Conference: Integrated Marine Research in the Mediterranean and the Black Sea, 7 - 09 December 2015
- LXI. **Marmara experiment MAREX Results and Future projections**
TUĞRUL S., Öztürk D. I., ÖZTÜRK B., KESKİN Ç., YÜKSEK A., İŞİNİBİLİR OKYAR M., YEMENİCİOĞLU S., YEMENİCİOĞLU S., KIDEYŞ A. E., SALİHOĞLU B., et al.
Perseus Final Meeting Brussels, 7 - 09 December 2015
- LXII. **BÖLGESEL YÖNETİM PLANLARI İÇİN AKDENİZ E ÖZGÜ GELİŞTİRİLECEK GÖSTERGELER İLE DENİZEL ÇEVRE HEDEFLERİNİN BELİRLENMESİ PROJESİ**
KIDEYŞ A. E., SALİHOĞLU B., GÜVEN O.
Türkiye Deniz Bilimleri Konferansı, Turkey, 1 January - 31 December 2016
- LXIII. **Karadeniz Rsguo in Yüzey Suyu Sıcaklığı rsguondaki Yakın Zamanlı Isınma Eğilimlerinin Uzaktan Algılama ile çıkarımını**
Akpınar A., Fach B. A., ARKIN Ş. S., Oğuz T., SALİHOĞLU B.
Türkiye Deniz Bilimleri Konferansı, Turkey, 1 January - 31 December 2016
- LXIV. **BALIKÇILIĞIN DENİZ BİYOJEOKİMYASI ÜZERİNDEKİ ETKİSİNİN EKOSİSTEM MODELLEMESİ YÖNTEMİYLE İNCELEMESİ**

DİŞA D., AKOĞLU E., SALİHOĞLU B.

Türkiye Deniz Bilimleri Konferansı, Turkey, 01 January 2016

- LXV. **Denizlerdeki Mikrobiyal Reaksiyonların Yeni Yaklaşımları kullanılarak Araştırılması: Genetik biyokimya ve Modelleme**
Küçükavşar S., Arkin Ş. S., Salihoğlu B., Karahan A., Ibello V.
Türkiye Deniz Bilimleri Konferansı, Ankara, Turkey, 31 May - 03 June 2016
- LXVI. **Denizlerdeki Mikrobiyal Döngülerin Genetik Yaklaşımlar kullanarak Araştırılması**
Küçükavşar S., ARKIN Ş. S., Karahan A., SALİHOĞLU B.
I.Ulusal Denizlerde İzleme Ve Degerlendirme Sempozyumu, Turkey, 1 January - 31 December 2016
- LXVII. **Karadenizde İklim Sirkulasyon ve Fitoplankton Biyokütlesi Arasındaki İlişki**
ARKIN Ş. S., Akpınar A., Fach B. A., SALİHOĞLU B., Oğuz T.
Türkiye Deniz Bilimleri Konferansı, Turkey, 1 January - 31 December 2016
- LXVIII. **Farklı Subtropik Kuzey Atlantik Ekosistem Yapılarının Algoritma Sınaması Yaklaşımı Kullanarak Karşılaştırılması**
Yumruktepe V. Ç., Salihoğlu B., Ibello V.
Türkiye Deniz Bilimleri Konferansı, Ankara, Turkey, 1 January - 31 December 2016
- LXIX. **Karadeniz de Pelajik Lavra Yayılımı Modellemesi Ekolojik Bağlılılığın Mevsimsel ve Yıllararası Değişkenliği**
Bettina A F., ARKIN Ş. S., SALİHOĞLU B.
Türkiye Deniz Bilimleri Konferansı, Turkey, 1 January - 31 December 2016
- LXX. **Karadeniz İçin Geliştirilmiş Yeni Nesil Ekosistem Modeli Basarı Analiz**
SALİHOĞLU B., Salihoğlu B. F., ARKIN Ş. S., AKOĞLU E.
Türkiye Deniz Bilimleri Konferansı, Turkey, 1 January - 31 December 2016
- LXXI. **Karadeniz Hidrodinamik Modeli için veri Asimilasyon Sistemi Geliştirilmesi**
Sadighrad E., ARKIN Ş. S., Salihoğlu B. F., SALİHOĞLU B.
Türkiye Deniz Bilimleri Konferansı, Turkey, 1 January - 31 December 2016
- LXXII. **Levant Baseni rsguo nin Yüzey Suyu Sıcaklığı rsguo ndaki yakın zamanlı ısınma eğilimleri**
Akpınar A., Fach B. A., ARKIN Ş. S., Oğuz T., SALİHOĞLU B.
Türkiye Deniz Bilimleri Konferansı, Turkey, 1 January - 31 December 2016
- LXXIII. **Scenarios of ecosystem health from End to End models of the Mediterranean Sea and Black Sea**
LİBRALATO S., SOLİDORO C., AKOĞLU E., BANARU D., CAPET A., DASKALOV G., GREGOİRE M., KANDİLAROV R., LAZZARİ P., SALİHOĞLU B., et al.
Integrated Marine Research in the Mediterranean and the Black Sea, Brüksel, Belgium, 7 - 09 December 2015
- LXXIV. **A new generation end to end model producing forecast products to enhance marine GMES applications in the Black Sea**
SALİHOĞLU B., ARKIN Ş. S., FACH B., AKOĞLU E.
Integrated Marine Research in the Mediterranean and the Black Sea, 7 - 09 December 2015
- LXXV. **Marmara Experiment MAREX Results And Future Projections Poster Presentation**
TUĞRUL S., öztürk d., ÖZTÜRK B., KESKİN Ç., YÜKSEK A., İŞİNİBİLİR OKYAR M., Yemencioğlu S., KIDEYŞ A. E., SALİHOĞLU B., YÜCEL N., et al.
Scientific Conference of PERSEUS : Integrated Marine Research In The Mediterranean And The Black Sea, Brüksel, Belgium, 7 - 09 December 2015
- LXXVI. **Past Present and Future of Turkey s Marine Ecosystems in the Light of Research Policy and Societal Needs**
GAZİHAN AKOĞLU A., SALİHOĞLU B., AKOĞLU E., BUNDY A., OGUZ T.
Integrated Marine Research in the Mediterranean and the Black Sea, 7 - 09 December 2015
- LXXVII. **Analyses Of Eutrophication Invasive Ctenophores Anchovy Spawning Areas In The Southern Black Sea Poster Presentation**
SALİHOĞLU B., UYSAL Z., GÜCÜ A. C., TUĞRUL S., Örek H., Ok M., Sakınan S., KIDEYŞ A. E.
Scientific Conference of PERSEUS : Integrated Marine Research In The Mediterranean And The Black Sea, Brüksel, Belgium, 7 - 09 December 2015, pp.269-270

- LXXVIII. **Marmara Experiment MAREX Results and Future Projections**
TUĞRUL S., Öztürk D., ÖZTÜRK B., BALCIOĞLU E. B., KESKİN Ç., YÜKSEK A., İŞİNİBİLİR OKYAR M., Turan Y. A., YEMENİCİOĞLU S., KIDEYŞ A. E., et al.
Scientific Conference, Integrated Marine Research in the Mediterranean and the Black Sea, Brüksel, Belgium, 7 - 09 December 2015
- LXXIX. **ANALYSES OF EUTROPHICATION INVASIVE CTENOPHORES ANCHOVY SPAWNING AREAS IN THE SOUTHERN BLACK SEA**
SALİHOĞLU B., GÜCÜ A., TUĞRUL S., DESTAN Ö., UYSAL Z., HASAN Ö., MELTEM O., SERDAR S., İNANMAZ Ö., KIDEYŞ A. E.
Final Scientific Conference of PERSEUS : Integrated Marine Research In The Mediterranean And The Black Sea, 9 - 11 December 2015
- LXXX. **Marine Litter Pilot Studies in Cilician Basin**
Güven O., SALİHOĞLU B., KIDEYŞ A. E., Gökdağ K.
Final Scientific Conference of PERSEUS : Integrated Marine Research In The Mediterranean And The Black Sea, 7 - 09 December 2015
- LXXXI. **The Future Ecosystem Functioning of the black sea under Changing Climatological and fisheries**
SALİHOĞLU B., AKOĞLU E., Fach B., Arkın S., Oğuz T.
FABA 2014: International Symposium On Fisheries And Aquatic Sciences, 25 - 27 September 2014
- LXXXII. **Modelling of Dredged material disposal Mersin Bay Case Study**
Sadighrad E., TUĞRUL S., SALİHOĞLU B.
The twelfth international conference on the Mediterranean coastal environment, Varna, Bulgaria, 06 October 2014 - 10 October 2015, vol.2, pp.679-690
- LXXXIII. **Modelling of Dredged Material Disposal: Mersin Bay Case Study**
Sadighrad E., Tuğrul S., Salihoğlu B.
12th International Conference on the Mediterranean Coastal Environment (MEDCOAST), Varna, Bulgaria, 6 - 10 October 2015, pp.679-689
- LXXXIV. **Selection of the Dredged Material Disposal Sites in the Turkish Coastal Areas**
Tan I., Yüksek A., Tuğrul S., Tutak B., Tolun L., Aydoner C., Altok H., Ediger D., Yücel N., Salihoğlu B.
12th International Conference on the Mediterranean Coastal Environment (MEDCOAST), Varna, Bulgaria, 6 - 10 October 2015, pp.587-598
- LXXXV. **Carbon Export Algorithm Advanced in Models**
Yumruktepe Ç., SALİHOĞLU B.
European Geosciences Union General Assembly 2015, 1 - 31 January 2015
- LXXXVI. **The significance of the episodic nature of atmospheric deposition to Low Nutrient Low Chlorophyll regions**
Guieu C., Aumont O., Paytan L., Bopp L., Law C., Mahowald N., Achterberg E., Maran E., SALİHOĞLU B., Crise A., et al.
PERSEUS Scientific Workshop, 19 March - 13 October 2014
- LXXXVII. **Marine science education for primary schoolchildren I know and protect 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
- LXXXVIII. **How Do The Turkish Marine Ecosystems Perform Recommendations For the Future**
GAZİHAN AKOĞLU A., SALİHOĞLU B., AKOĞLU E., Bundy A., YÜKSEK A., Oğuz T.
FABA 2014: International Symposium On Fisheries And Aquatic Sciences, 25 - 27 September 2014
- LXXXIX. **On the Implementation of Ecosystem Approach to Fisheries to Turkish Fisheries Key Challenges and Ways Forward**
GAZİHAN AKOĞLU A., SALİHOĞLU B., AKOĞLU E., Oğuz T.
PERSEUS GA Meeting And Scientific Workshop, 29 - 30 January 2014
- XC. **A new generation end to end model to analyse the Black Sea environmental status**
ARKIN Ş. S., SALİHOĞLU B., Fach B. A., AKOĞLU E., Oğuz T., Dorofeyev V., Korotaev G.
PERSEUS GA Meeting And Scientific Workshop, 29 - 30 January 2014

- XCII. Recent Ecological and Chemical Status of the Sea of Marmara**
TUĞRUL S., Öztürk D., ÖZTÜRK B., YÜKSEK A., İŞİNİBİLİR OKYAR M., Keskin C., Balcıoğlu E., YEMENİCİOĞLU S., KIDEYŞ A. E., SALİHOĞLU B., et al.
PERSEUS Scientific Workshop, 1 January - 31 December 2014
- XCIII. The link between eutrophication and acidification in the Black Sea a modelling study**
SALİHOĞLU B., ARKIN Ş. S., Oğuz T., Fach B. A.
EGU General Assembly 2014, 1 - 31 January 2014
- XCIV. Impact of land use on the abundance and composition of beach litter**
Linder C., Güven O., Vafeidis A., SALİHOĞLU B., KIDEYŞ A. E.
3rd International Symposium On Integrated Coastal Zone Management (ICZM 2014), 1 - 31 January 2014
- XCV. MSFD GES Studies Conducted in Turkey**
KIDEYŞ A. E., TUĞRUL S., GÜCÜ A. C., UYSAL Z., SALİHOĞLU B.
PERSEUS GA Meeting And Scientific Workshop, 12 - 23 June 2013
- XCVI. Recent Ecological and Chemical Status of the Sea of Marmara**
TUĞRUL S., Öztürk D., ÖZTÜRK B., YÜKSEK A., İŞİNİBİLİR OKYAR M., Keskin C., Balcıoğlu E., YEMENİCİOĞLU S., KIDEYŞ A. E., SALİHOĞLU B., et al.
PERSEUS Scientific Workshop, 1 January - 31 December 2014
- XCVII. Fueling phytoplankton production by ageostrophic frontal processes over a steep shelf slope topography a case study for the Black Sea**
Oğuz T., ARKIN Ş. S., SALİHOĞLU B., Fach B. A.
EGU General Assembly 2014, 1 - 31 January 2014
- XCVIII. A Methodology Study on Distribution and Composition of Marine Litter**
Olgaç G., Sinem C., SALİHOĞLU B., KIDEYŞ A. E.
International Congress On 'Green Infrastructure And Sustainable Societies/ Cities' GreInSus-2014, 1 January - 31 December 2014
- XCVIII. Photoautotrophic and Chemoautotrophic Production in Marmara Sea and Black Sea**
YÜCEL N., TUĞRUL S., UYSAL Z., SALİHOĞLU B.
7th International Symposium on Ecology and Environmental Problems, Antalya, Turkey, 18 - 21 December 2013
- XCIX. Interannual and regional variability of ecosystem dynamics in the Black Sea**
Fach B. A., Cannaby H., Dorofeyev V., Kubryakov A., SALİHOĞLU B., Korotaev G., Oğuz T., KIDEYŞ A. E.
European Geosciences Union General Assembly (EGU2013-12174), 1 - 31 January 2013
- C. Ecosystem Structure Changes in the Turkish Seas as a Response to Overfishing**
GAZİHAN AKOĞLU A., SALİHOĞLU B., AKOĞLU E., KIDEYŞ A. E.
European Geosciences Union General Assembly (EGU2013-13023), 1 - 31 January 2013
- CI. Comparison of biogeochemical dynamics in two time series sites of a North Atlantic Ocean site PAP and BATS a modeling approach**
Ibello V., Butenschon M., Salihoğlu B., Kideys A. E.
European Geosciences Union General Assembly (EGU2013-12317), Vienna, Austria, 7 - 13 April 2013, vol.15, pp.1

Supported Projects

AKOĞLU E., ACAR A. O., SALİHOĞLU B., FACH SALİHOĞLU B. A., Project Supported by Higher Education Institutions, Karadeniz ekosistemi iklim değişikliği ve diğer insan kaynaklı değişim dinamiklerinde baskı ve sonuç ilişkilerinin ve iklim öngörü senaryolarının yapay zeka ile ortaya konması, 2024 - Continues

TEZCAN D., YÜCEL M., ÖZHAN K., SALİHOĞLU B., FACH SALİHOĞLU B. A., AKOĞLU E., Project Supported by Higher Education Institutions, MarmAI - Marmara Denizi için Yapay Zeka ile Zararlı Alg Patlamalarını Tahmin Etme ve Önleme Yaklaşımı olarak Derin Öğrenme, 2024 - Continues

SALİHOĞLU B., YÜCEL M., TEZCAN D., ŞAHİN YÜCEL E., FACH SALİHOĞLU B. A., Project Supported by Higher Education Institutions, Marmara Büyük Deniz Verisi Sağlıklı Deniz Ekosistemi için Büyük Veri, 2023 - Continues

SALİHOĞLU B., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Deniz Ekosistem ve İklim Araştırma Merkezi

(DEKOSİM), 2012 - Continues

Yücel M., Salihoğlu B., Fach Salihoğlu B. A., Örek H., Alimli N., Demir N. Y., Uygurer Z. P., H2020 Project, DeepTrace: Tracing nanoparticle-fuelled co-mobilization of catalyst metals across Earth's deep-sea redox interfaces to pave the way for habitability detection in Ocean Worlds , 2023 - 2027

Fach Salihoğlu B. A., Yücel M., Uygurer Z. P., Salihoğlu B., H2020 Project, Ocean-ICU Improving Carbon Understanding, 2022 - 2025

Yücel M., Salihoğlu B., Şahin Yücel E., Tezcan D., Fach Salihoğlu B. A., UYGURER Z. P., H2020 Project, ARSINOE: CLIMATE RESILIENT-REGIONS THROUGH SYSTEMIC SOLUTIONS AND INNOVATIONS, 2021 - 2025

Salihoğlu B., Yücel M., Şahin Yücel E., Ibello V., Akoğlu E., Örek H., Ok M., Karahan A., Uysal Z., Sürücü B., et al., H2020 Project, BRIDGE-BS: Advancing Black Sea Research and Innovation to Co-Develop Blue Growth within Resilient Ecosystems , 2021 - 2025

Salihoğlu B., Gücü A. C., Akoğlu E., Ok M., H2020 Project, SUMMER: Sustainable Management of Mesopelagic Resources, 2019 - 2024

Akoğlu E., Salihoğlu B., H2020 Project, Sustainable management of mesopelagic resources (SUMMER), 2019 - 2024
Tezcan D., Salihoğlu B., Development Agency, Çukurova Mavi Büyüme Platformu, 2022 - 2023

Mantıkçı A. M., Uysal Z., Salihoğlu B., Örek H., Yücel M., Arkın Ş. S., TUBITAK Project, Marmara Denizi'nde Plankton Metabolizması Ve Müsilajın Oksijen Tüketimine Etkisi, 2021 - 2023

Tezcan D., Örek H., Salihoğlu B., Tuğrul S., Municipality, TEMİZ AKDENİZ İÇİN EKOSİSTEM TABANLI İZLEME VE YÖNETİM PLANI PROJESİ, 2021 - 2023

Salihoğlu B., Tuğrul S., Uysal Z., Fach Salihoğlu B. A., Yücel M., Özhan K., Özkan K., Tezcan D., Örek H., Başdurak N. B., et al., Project Supported by Other Official Institutions, Marmara Denizi Bütünleşik Modelleme Sistemi (MARMOD) Faz II, 2021 - 2023

Yücel M., Şahin Yücel E., Salihoğlu B., Uygurer Z. P., EU Supported Other Project, Cultoure4Youth: Supporting Youth Entrepreneurship in Cultural Tourism for coastal communities in the Black Sea region, 2021 - 2023

Salihoğlu B., Yücel M., Şahin Yücel E., Tezcan D., Ibello V., H2020 Project, Black Sea CONNECT: Coordination of marine and maritime research and innovation in the Black Sea, 2019 - 2023

Salihoğlu B., Mantıkçı A. M., Tezcan D., Gücü A. C., Özhan K., Fach Salihoğlu B. A., Yücel M., Örek H., Tuğrul S., Mantıkçı G., et al., Municipality, İZMİR KÖRFEZİ SAĞLIKLI DENİZ EKOSİSTEMİ VE EKOSİSTEM SERVİSLERİ İÇİN STRATEJİ BELGESİ HAZIRLANMASI PROJESİ, 2022 - 2022

Tezcan D., Salihoğlu B., Örek H., TUBITAK Project, Müsilaj için Oşinografik Erken Uyarı Sistemi Projesi, 2021 - 2022

Salihoğlu B., Tuğrul S., Uysal Z., Kıdeys A. E., Fach Salihoğlu B. A., Yücel M., Başdurak N. B., Özhan K., Tezcan D., Örek H., et al., Project Supported by Other Official Institutions, Denizlerde Bütünleşik Kirlilik İzleme Programı (2020-2022), 2020 - 2022

Yücel M., Salihoğlu B., Fach Salihoğlu B. A., Tezcan D., Örek H., Arkin Ş. S., Sevgen S., TUBITAK Project, Deep-sea metal and nutrient cycling in the Marmara and the Black Sea: Improving the detection of redox processes and nanoparticle formation, 2020 - 2022

SALİHOĞLU B., TUBITAK Project, Karadeniz'de Birincil Üretimin Fiziksel Dinamikler ile İlişkisi, 2019 - 2022

Salihoğlu B., Tezcan D., Fach Salihoğlu B. A., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, DENİZ EKOSİSTEM ve İKLİM ARAŞTIRMALARI MERKEZİ, 2012 - 2022

Örek H., Salihoğlu B., Tezcan D., Culture and Tourism Ministry, İZMİR ÇEŞME KÜLTÜR VE TURİZM KORUMA VE GELİŞİM BÖLGESİ (KTKGB) PROJE ALANI- KONSANTRE TUZLU SUYUN DERİN DEŞARJ İLE DENİZE GERİ VERİLMESİNİN ETKİLERİNE İLİŞKİN ÖN İNCELEME RAPORU HAZIRLANMASI, 2021 - 2021

Tezcan D., Salihoğlu B., Yücel N., Project Supported by Other Private Institutions, Mersin Limanı Çevresel Yönetim Planı Raporu Hazırlanması, 2020 - 2021

Akoğlu E., Gücü A. C., Salihoğlu B., Ok M., Akkuş G., TAGEM Tarımsal Araştırmalar ve Politikalar Genel Müdürlüğü Projesi, Implementation of Stock Assessment in Fisheries Activities, 2019 - 2021

KARAHAN A., SALİHOĞLU B., ZENGİNER YILMAZ A., Project Supported by Higher Education Institutions, Kuzeydoğu Akdeniz Botryllid tulumularının (Ascidians) moleküler teknikler kullanılarak tanımlanması ve karşılaştırılması, 2018 - 2021

Tezcan D., Yücel M., Salihoğlu B., Other International Funding Programs, Teknecik Elektrik Santrali (KKTC) Hidrografi Çalışmaları, 2019 - 2020

Salihođlu B., Yücel M., Kideyş A. E., Zenginer Yılmaz A., H2020 Project, MERSCIN: International Mersin Science Night Start, 2018 - 2020

Tuđrul S., Uysal Z., Kideyş A. E., Salihođlu B., Özhan K., Tezcan D., Örek H., Myrsohnychenko ., Akçay İ., Project Supported by Other Official Institutions, DENİZLERDE BÜTÜNLEŞİK KİRLİLİK İZLEME PROJESİ-2018 KIŞ ve 2019 YAZ DÖNEMİ İZLEME, 2018 - 2020

Salihođlu B., Zenginer Yılmaz A., Yurtdaş S., ŞAHİN E., EU Supported Other Project, INTERNATIONAL MERSİN SCIENCE NIGHT, 2018 - 2020

SALİHOĐLU B., EU Supported Other Project, Further developing the pan-European infrastructure for marine and ocean data management, 2016 - 2020

Tezcan D., Salihođlu B., Project Supported by Other Official Institutions, Mersin Limanı Dip Tarama Fizibilite Çalıřması, 2019 - 2019

SALİHOĐLU B., ÖZHAN K., AKÇAY İ., KARAHAN A., UYSAL Z., AKOĐLU E., TUĐRUL S., GÜCÜ A. C., KIDEYŞ A. E., YÜCEL M., et al., Project Supported by Higher Education Institutions, Erdemli Zaman Serisi Deniz Arařtırmaları 2018, 2018 - 2019

Salihođlu B., Tezcan D., Gücü A. C., Uysal Z., Kideyş A. E., Project Supported by Other Official Institutions, Denizlerde Bütünleşik Kirlilik İzleme Projesi-Akdeniz Bölgesi Bilimsel İzleme ve Deđerlendirme, 2017 - 2019

TEZCAN D., ÖZKAN K., UYSAL Z., AKOĐLU E., TUĐRUL S., KIDEYŞ A. E., YÜCEL M., SALİHOĐLU B., ZENGİNER YILMAZ A., Project Supported by Higher Education Institutions, Erdemli Zaman Serisi Deniz Arařtırmaları 2017, 2017 - 2019

AKOĐLU E., FACH SALİHOĐLU B. A., SALİHOĐLU B., Project Supported by Higher Education Institutions, ECOSPACE-F 3D: Ecospace İki Boyutlu (2B) Ekosistem Modelinin Fortran Diline Transferi ve Üç Boyutlu (3B) Haline Getirilmesi, 2017 - 2019

Örek H., Salihođlu B., Tezcan D., Koçak M., Gücü A. C., Yücel N., Uysal Z., Kideyş A. E., TUBITAK Project, İnsan Kaynaklı ve Doğal Deđişimlerin Kilikya Baseni KKTC TC Arası Deniz Ekosistemi Üzerindeki Etkilerinin Belirlenmesi, 2015 - 2019

Tuđrul S., Uysal Z., Kideyş A. E., Salihođlu B., Özhan K., Tezcan D., Örek H., Myrsohnychenko V., Akçay İ., Project Supported by Other Official Institutions, DENİZLERDE BÜTÜNLEŞİK KİRLİLİK İZLEME PROJESİ-2017 Yaz-2018 Kış Dönemi Programı , 2017 - 2018

SALİHOĐLU B., IBELLO V., TUBITAK Project, Denizlerdeki Mikrobiyal Reaksiyonların Yeni Yaklaşımlar Kullanılarak Arařtırılması: Genetik, Biyojeokimya ve Modelleme, 2016 - 2018

Salihođlu B., Kideyş A. E., Emre Y., TUBITAK Project, Türkiye Akdeniz Sahillerinde Mikro- Plastik Kompozisyonu ve Miktarının Belirlenmesi Mikro-Plastiklerin Deniz Ürünlerinde Olası Biyolojik Birikimi, 2015 - 2018

Salihođlu B., Kideyş A. E., Özhan K., Karahan A., Yılmaz M., TUBITAK Project, Bisfenol A" Organik Bileşiminin Mersin Körfezi'xxnde Dađılım Gösteren Bazı Zooplankton Türleri Üzerine Etkilerinin Belirlenmesi, 2015 - 2018

FACH SALİHOĐLU B. A., SALİHOĐLU B., TUBITAK Project, Bölgesel Yönetim Planları İçin Akdeniz e Özgü geliştirilecek Göstergeler İle Denizel Çevre Hedeflerinin Belirlenmesi 112Y394, 2013 - 2016

Fach Salihođlu B. A., Salihođlu B., FP7 Project, OPEC OPerational ECology Ecosystem forecast products to enhance marine GMES applications, 2012 - 2015

Tasks In Event Organizations

Şahin Yücel E., Uygurer Z. P., Salihođlu B., Yücel M., Black Sea Young Ambassadors Summer School , Science / Art Camp or Summer School Organization, İstanbul, Turkey, Haziran 2023

Salihođlu B., Yücel M., Supporting the Common Maritime Agenda Priorities with Research and Innovation towards Cultivating the Potential for Blue Entrepreneurship, Workshop Organization, Ankara, Turkey, Aralık 2021

Salihođlu B., Yücel M., Şahin Yücel E., Uygurer Z. P., CulTourE4Youth: Supporting Youth Entrepreneurship in Cultural Tourism for coastal communities Mersin Workshop, Workshop Organization, Mersin, Turkey, Kasım 2021

Şahin Yücel E., Salihođlu B., Yücel M., Uygurer Z. P., Black Sea Young Ambassadors Autumn School - Black Sea CONNECT, Science / Art Camp or Summer School Organization, Mersin, Turkey, Kasım 2021

Salihođlu B., Yücel M., Şahin Yücel E., Uygurer Z. P., Policy Panel featuring BRIDGE-BS and DOORS and the synergies between them, Workshop Organization, Mersin, Turkey, Temmuz 2021

Salihođlu B., Yücel M., Şahin Yücel E., Uygurer Z. P., Blue Growth Hackathon - Black Sea CONNECT, Social Activities, Romania, Haziran 2021

Salihođlu B., Yücel M., řahin Yücel E., Uygurer Z. P., Caravan for Blue Growth - Black Sea CONNECT, Social Activities, Romania, Haziran 2021

Salihođlu B., Yücel M., řahin Yücel E., İklim Deđişikliđi ve Denizlerimiz, Scientific Congress, Turkey, Ocak 2021

Yücel M., Salihođlu B., řahin Yücel E., Uygurer Z. P., Research and Innovation in the Black Sea: Empowering the next generation for a healthy, resilient and productive Black Sea - Black Sea CONNECT, Workshop Organization, Mersin, Turkey, Ekim 2020

Metrics

Publication: 154

Citation (WoS): 1673

Citation (Scopus): 1844

H-Index (WoS): 19

H-Index (Scopus): 20