

## Asst. Prof. Sevil Deniz Yakan Dündar

### Personal Information

**Fax Phone:** [+90 212 285 6454](tel:+902122856454)

**Email:** yakans@itu.edu.tr

**Web:** <https://avesis.itu.edu.tr/yakans>

**Address:** İstanbul Teknik Üniversitesi Gemi İnşaatı ve Deniz Bilimleri Fakültesi

### International Researcher IDs

ORCID: 0000-0003-2493-680X

ScopusID: 26639919200

Yoksis Researcher ID: 38209

### Education Information

Doctorate, İstanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi  
Mühendisliği Bölümü, Turkey 2007 - 2013

Postgraduate, İstanbul Technical University, Fen Bilimleri Enstitüsü, Deniz Teknolojisi Mühendisliği (Yıl) (Tezli), Turkey  
2005 - 2007

Undergraduate, İstanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi  
Mühendisliği Bölümü, Turkey 2000 - 2005

### Foreign Languages

English

### Dissertations

Doctorate, Experimental and numerical approach for PAH accumulation and depuration kinetics; a food chain study with marine algae and mussels, İstanbul Teknik Üniversitesi, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi Mühendisliği Bölümü, 2013

Postgraduate, Sound Propagation in Two-Layer Media, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Deniz Teknolojisi Mühendisliği (Yıl) (Tezli), 2007

### Research Areas

Marine Sciences and Technology, Oceanography, Chemical Oceanography, Sea pollution, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, İstanbul Technical University, Gemi İnşaatı ve Deniz Bilimleri, Gemi Ve Deniz Teknolojisi  
Mühendisliği, 2018 - Continues

Lecturer PhD, İstanbul Technical University, Gemi İnşaatı ve Deniz Bilimleri, Gemi Ve Deniz Teknolojisi Mühendisliği,  
2013 - 2018

Research Assistant, İstanbul Technical University, Gemi İnşaatı ve Deniz Bilimleri, Gemi Ve Deniz Teknolojisi Mühendisliği,  
2005 - 2013

## Academic and Administrative Experience

Vice Dean, İstanbul Technical University, Gemi İnşaatı ve Deniz Bilimleri, 2022 - Continues

Deputy Head of Department, İstanbul Technical University, Gemi İnşaatı ve Deniz Bilimleri, Gemi Ve Deniz Teknolojisi  
Mühendisliği, 2021 - 2022

Deputy Head of Department, İstanbul Technical University, Gemi İnşaatı ve Deniz Bilimleri, Gemi Ve Deniz Teknolojisi  
Mühendisliği, 2014 - 2018

## Courses

Seawater Chemistry, Undergraduate, 2022 - 2023, 2021 - 2022

Computer Aided Technical Drawing, Undergraduate, 2022 - 2023, 2021 - 2022

Human Impact in the Polar Regions, Postgraduate, 2022 - 2023

Oceanography, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2014 - 2015, 2013 - 2014

Environmental Aspects of Offshore Activities, Postgraduate, 2022 - 2023, 2021 - 2022, 2017 - 2018

Dynamics of Marine Ecosystems, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Ecotoxicology in the Marine Environment, Undergraduate, 2021 - 2022, 2020 - 2021

Computer Aided Technical Drawing, Undergraduate, 2020 - 2021, 2014 - 2015

Intr.to Sci&Eng. Comp.(MATLAB), Undergraduate, 2017 - 2018

Gemi Geometrisi, Undergraduate, 2014 - 2015, 2013 - 2014

Introduction to Marine Ecological Processes, Undergraduate, 2014 - 2015, 2013 - 2014

Oşinografi, Undergraduate, 2014 - 2015

Strength of Materials I, Undergraduate, 2013 - 2014

## Advising Theses

Yakan Dündar S. D., The effect of offshore wind farm activities on the phytoplankton population, Postgraduate,  
M.BALANESHIN(Student), 2021

## Designed Lessons

Yakan Dündar S. D., Ecology of Polar Ecosystems, Postgraduate, 2023 - 2024

Yakan Dündar S. D., Human Impact in the Polar Regions, Postgraduate, 2022 - 2023

Yakan Dündar S. D., Dynamics of Marine Ecosystems, Undergraduate, 2019 - 2020

Eğilmez A. H., Yakan Dündar S. D., Karacık B., Scientific Diving Techniques in Underwater Researches, Postgraduate, 2019  
- 2020

Yakan Dündar S. D., Environmental Aspects of Offshore Activities, Postgraduate, 2019 - 2020

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

### I. Lithological controls on lake water biogeochemistry in Maritime Antarctica

Olğun Kiyak N., Tarı U., Balcı N., Altunkaynak Ş., Gürarslan I., Yakan Dündar S. D., Thalasso F., Astorga-España M. S.,  
Cabrol L., Lavergne C., et al.

Science of the Total Environment, vol.912, 2024 (SCI-Expanded)

- II. The effect of offshore wind farms on the variation of the phytoplankton population**  
Kordan M. B., Yakan Dündar S. D.  
Regional Studies in Marine Science, vol.69, 2024 (SCI-Expanded)
- III. Contamination acts as a genotype-dependent barrier to gene flow, causing genetic erosion and fine-grained population subdivision in Mussels from the Strait of Istanbul**  
Theodorakis C. W., Meyer M., Okay O., Yakan Dündar S. D., Schramm K.  
Ecotoxicology, vol.33, no.1, pp.47-65, 2024 (SCI-Expanded)
- IV. Abundance and composition of polycyclic aromatic hydrocarbons in the surface sediments of twelve alpine lakes in the Central Taurus Mountains**  
Yakan Dündar S. D., Çelik İ. E., ÖZKAN K.  
Environmental Monitoring and Assessment, vol.195, no.8, 2023 (SCI-Expanded)
- V. The use of a simple model for the regulatory environmental risk assessment of pesticides in Ethiopia**  
Teklu B. M., Yakan Dündar S. D., Brink P. J. V. D.  
CHEMOSPHERE CHEMISTRY, BIOLOGY AND TOXICOLOGY AS RELATED TO ENVIRONMENTAL PROBLEMS, vol.316, no.316, pp.137794, 2023 (SCI-Expanded)
- VI. Performance of butyl rubber-based macroporous sorbents as passive samplers**  
Türeyen O. E., Yilmaz A., Yakan Dündar S. D., Yetiskin B., Okay O., Okay O.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.28, no.4, pp.3766-3773, 2021 (SCI-Expanded)
- VII. Single-, Double-, and Triple-Network Macroporous Rubbers as a Passive Sampler**  
Yetiskin B., Türeyen O. E., Yilmaz A., Yakan S. D., Okay O., Okay O.  
ACS APPLIED MATERIALS & INTERFACES, vol.11, no.31, pp.28317-28326, 2019 (SCI-Expanded)
- VIII. Monitoring of organic pollutants in marine environment by semipermeable membrane devices and mussels: accumulation and biochemical responses**  
OKAY O., KARACIK B., GÜNGÖRDÜ A., YILMAZ A., KOYUNBABA N. C., YAKAN DÜNDAR S. D., HENKELMANN B., SCHRAMM K. W., ÖZMEN M.  
Environmental Science And Pollution Research, vol.24, pp.19114-19125, 2017 (SCI-Expanded)
- IX. Numerical evaluation of bioaccumulation and depuration kinetics of PAHs in *Mytilus galloprovincialis***  
Yakan S. D., Focks A., Klasmeier J., Okay O.  
ENVIRONMENTAL POLLUTION, vol.220, pp.1244-1250, 2017 (SCI-Expanded)
- X. Heavy metal pollution in sediments and mussels: assessment by using pollution indices and metallothionein levels**  
Okay O., ÖZMEN M., GÜNGÖRDÜ A., Yilmaz A., Yakan S. D., Karacik B., Tutak B., SCHRAMM K.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.188, no.6, 2016 (SCI-Expanded)
- XI. Organic and heavy metal pollution in shipbreaking yards**  
YILMAZ A., KARACIK B., YAKAN DÜNDAR S. D., henkelmann b., schramm k. w., OKAY O.  
Ocean Engineering, vol.123, 2016 (SCI-Expanded)
- XII. Heavy metal pollution in sediments and mussels assessment by using pollution indices and metallothionein levels**  
OKAY O., ÖZMEN M., GÜNGÖRDÜ A., YILMAZ A., YAKAN DÜNDAR S. D., KARACIK B., TUTAK B., SCHRAMM K. W.  
Environmental Monitoring and Assessment, vol.188, pp.352-370, 2016 (SCI-Expanded)
- XIII. Use of passive samplers in pollution monitoring: A numerical approach for marinas**  
Yilmaz A. İ., Karacik B., HENKELMANN B., PFISTER G., SCHRAMM K. -, YAKAN S. D., Barlas B., OKAY O. S.  
ENVIRONMENT INTERNATIONAL, vol.73, pp.85-93, 2014 (SCI-Expanded)
- XIV. Micro-organic pollutants and biological response of mussels in marinas and ship building/breaking yards in Turkey**  
Okay O., Karacik B., GÜNGÖRDÜ A., ÖZMEN M., Yilmaz A., KOYUNBABA N. C., Yakan S. D., Korkmaz V., HENKELMANN B., SCHRAMM K. -.  
SCIENCE OF THE TOTAL ENVIRONMENT, vol.496, pp.165-178, 2014 (SCI-Expanded)
- XV. Bioaccumulation-Depuration kinetics and effects of phenanthrene on Mediterranean mussel (*Mytilus galloprovincialis*)**

- Yakan S. D., HENKELMANN B., SCHRAMM K., Okay O. S.  
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.48, no.9, pp.1037-1046, 2013 (SCI-Expanded)
- XVI. Efficiency of butyl rubber sorbent to remove the PAH toxicity  
Okay O., OZDEMIR P., Yakan S. D.  
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING, vol.46, no.8, pp.909-913, 2011 (SCI-Expanded)
- XVII. Bioaccumulation depuration kinetics and effects of benzo(a)anthracene on *Mytilus galloprovincialis*  
Yakan S. D., HENKELMANN B., SCHRAMM K. -, Okay O.  
MARINE POLLUTION BULLETIN, vol.63, pp.471-476, 2011 (SCI-Expanded)
- XVIII. Evaluation of Butyl Rubber as Sorbent Material for the Removal of Oil and Polycyclic Aromatic Hydrocarbons from Seawater  
Doğu S., CEYLAN TUNCABOYLU D., KARACIK B., YAKAN DÜNDAR S. D., OKAY O., OKAY O.  
Environmental Science and Technology, vol.43, pp.3846-3852, 2009 (SCI-Expanded)

### Articles Published in Other Journals

- I. Polycyclic Aromatic Hydrocarbon Accumulation Performances of Monophasic Butyl Rubber Passive Samplers  
Türeyen O. E., Yakan Dündar S. D., Yilmaz A., Yetiskin B., Okay O., Okay O.  
Environmental Processes, vol.9, no.2, 2022 (ESCI)
- II. Effect of Different Shaking Systems on the Growth of Marine Diatom *Phaeodactylum Tricornutum*  
Yakan Dündar S. D., Türeyen O. E.  
AQUATIC SCIENCES AND ENGINEERING, vol.36, no.4, pp.207-214, 2021 (ESCI)
- III. Observing the Water Quality in the Vicinity of Green Ports Located in the Marmara Sea, Turkey  
YAKAN DÜNDAR S. D.  
Çanakkale Onsekiz Mart Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.6, no.1, pp.1-13, 2020 (Peer-Reviewed Journal)
- IV. Contribution of Passive Sampling Devices on the Determination of Hydrophobic Organic Contaminant Bioaccumulation in Marine Organisms  
Yakan S. D.  
AQUATIC SCIENCES AND ENGINEERING, vol.35, no.4, pp.94-99, 2020 (ESCI)
- V. AÇIK DENİZ PETROL ENDÜSTRİSİNİN EKOTOKSİKOLOJİK ETKİLERİ  
DEMİRHAN A. E., YAKAN DÜNDAR S. D.  
GİDB Dergi, 2019 (Peer-Reviewed Journal)
- VI. AÇIK DENİZ YAPILARININ EKOLOJİK ETKİLERİ  
DEMİRHAN A. E., YAKAN DÜNDAR S. D.  
GİDB Dergi, 2019 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. Model Based Risk Assessment of Pesticides and its Regulatory Implications in Ethiopia  
Teklu B. M., YAKAN DÜNDAR S. D., Van den Brink P. J.  
SETAC AFRICA 11TH BIENNIAL CONFERENCE, Accra, Ghana, 8 - 11 October 2023
- II. Uydu Okyanus Renginin Marmara Denizi'ndeki Fitoplankton Üretim Değişikliklerinin Tespitinde Kullanımı: Uydu ve Yerinde Klorofil-a Verileri  
OLĞUN KIYAK N., TARI U., MUSAOĞLU N., YAKAN DÜNDAR S. D., YALÇIN B., ÖREK H., Tok E., Bedir S.  
Turqua Türkiye Kuvaterner Sempozyumu, 02 November 2022
- III. ANTARKTİK EKOSİSTEMİNDE KALICI ORGANİK KİRLETİCİLERİN SEVİYELERİNİN BELİRLENMESİ;

## **PASİF ÖRNEKLEYİCİ UYGULAMALARI**

YAKAN DÜNDAR S. D., TÜREYEN O. E., YILMAZ A., YETİŞKİN B., KARACIK B., TUTAK B., Aslan E., Çiftbudak Ö. F.,  
Güzel B., OKAY O.

5. Ulusal Kutup Bilimleri Çalıştayı, 30 November 2021

- IV. Gözenek Morfolojisi Ayarlanabilir Kauçuk Esaslı Sorbentlerin Kriyojenik Vulkanizasyonla üretimi ve  
Su Ortamından Organik Kirleticilerin örnekleşmesinde Kullanımı**

YETİŞKİN B., TÜREYEN O. E., YILMAZ A., YAKAN DÜNDAR S. D., OKAY O., OKAY O.

33. Ulusal Kimya Kongresi, 07 October 2021

- V. Mathematical Linkage of Active and Passive Samplers for the Determination of Anthropogenic  
Impacts on the Coastal Areas of Turkey**

Yakan Dündar S. D.

Global changes in estuarine and coastal systems: innovative approaches and assessment tools, Bordeaux, France, 4 - 08 November 2019, pp.50

- VI. ANTARKTİK EKOSİSTEMİNDE PASİF ÖRNEKLEYİCİ UYGULAMALARI**

YAKAN DÜNDAR S. D., TÜREYEN O. E., YILMAZ A., YETİŞKİN B., KARACIK B., TUTAK B., ATABAY H., TOLUN L., OKAY O.

3. Ulusal Kutup Bilimleri Çalıştayı, Ankara, Turkey, 5 - 06 September 2019

- VII. Passive Sampling Applications in the Antarctic Ecosystem**

YAKAN DÜNDAR S. D., TÜREYEN O. E., YILMAZ A., Yetişkin B., KARACIK B., TUTAK B., Atabay H., Tolun L., OKAY O.

19th International Symposium on Toxicity Assessment, 25 - 30 August 2019

- VIII. Performance of Butyl Rubber Based Macroporous Sorbents as Alternative Passive Samplers**

TÜREYEN O. E., YILMAZ A., YAKAN DÜNDAR S. D., YETİŞKİN B., OKAY O., OKAY O.

19th International Symposium on Toxicity Assessment, Selanik, Greece, 25 - 30 August 2019

- IX. Lake phytoplankton production and nutrient limitation in King George Island, Antarctica**

OLĞUN KIYAK N., ÇELİK BALCI N., KURT M. A., TARI U., ALTUNKAYNAK Ş., YAKAN DÜNDAR S. D., YILMAZ A., DEMİREL C., ASTARGO M. S., THALASSO F., et al.

INTERNATIONAL MARINE FRESHWATER SCIENCES SYMPOSIUM, 18 - 21 October 2018, pp.209-2010

- X. Antarktika King George Adası birincil üretim ve etken faktörler**

OLĞUN KIYAK N., ÇELİK BALCI N., DEMİREL C., KURT M. A., ASTARGO M. S., THALASSO F., CABROL L., TARI U., ALTUNKAYNAK Ş., YAKAN DÜNDAR S. D., et al.

II. Kutup (Arktik ve Antarktik) Bilim Programı Çalıştayı, Turkey, 12 - 13 September 2018

- XI. Antarktika King George Adası göllerinde birincil üretim ve etken faktörler**

OLGUN N., ÇELİK BALCI N., DEMİREL C., KURT M. A., ASTORGA M. S., COBRAL L., THALASSO F., HOFFMANN L., TARI U., ALTUNKAYNAK Ş., et al.

2. Kutup Bilimleri Çalıştayı, Turkey, 12 - 13 September 2018

- XII. Use of polymers as passive samplers to mimic uptake of organic pollutants by marine organisms**

OKAY O., YILMAZ A., YAKAN DÜNDAR S. D., KARACIK B.

IBMEC, 24 - 27 May 2018

- XIII. Poliaromatik Hidrokarbonların Antarktika Yarımadasında Yayılımı ve Kaynakları**

KARACIK B., YILMAZ A., YAKAN DÜNDAR S. D., GÜLNERMAN GENGEÇ A. G., ÖZSOY ÇİÇEK B.

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

- XIV. Pollution in Port Cities**

YAKAN DÜNDAR S. D., GERRARD S., KIM J. K., LOXHAM M., MAYON R., SAJID A. M. Y., SHENOI A.

The 11th Meeting of the Port-city Universities League (PUL), 18 - 20 September 2017

- XV. Pollution in Port Cities; Understanding Sources, Impacts and, Developing Solutions.**

Yakan Dündar S. D., GERRARD S., KIM J. K., LOXHAM M., MAYON R., SAJID A. M. Y., SHENOI A.

11th Meeting of Port-city Universities League (PUL 2017), Incheon, South Korea, 18 - 20 September 2017, pp.1

- XVI. Monitoring of Organic Pollutants by Use of Passive Samplers in Marine Environment**

OKAY O., YILMAZ A., KARACIK B., YAKAN DÜNDAR S. D., HENKELMANN B., SCHRAMM K.

International Porous Powder Materials, 12 - 15 September 2017

- XVII. Uzun Mesafeli Atmosfer Taşınımının Sediment, Toprak ve Yosun Örneklerindeki PAH ve SCP**

## **Vasıtasiyla Belirlenmesi**

Türeyen O. E., Yılmaz A., Yakan Dündar S. D., Okay O.

Kutup Bilim Programı Çalıştayı, İstanbul, Turkey, 12 - 13 April 2017, pp.49

- XVIII. **Biological response of transplant and local mussels in marinas and ship building breaking yards in Turkey**  
KARACIK B., YAKAN DÜNDAR S. D., YILMAZ A., OKAY O.  
ECOTOX 2016, 7 - 10 September 2016
- XIX. **Biological response of transplant and local mussels in marinas and ship building/breaking yards in Turkey.**  
Karacik B., Yakan Dündar S. D., Yilmaz A., Okay O.  
XIV Congresso Brasileiro de Ecotoxicologia (ECOTOX 2016), Curitiba, Brazil, 7 - 10 September 2016, pp.173
- XX. **Bioaccumulation of hydrophobic organic pollutants in mussels transplanted in different regions of turkey field and modelling study by means of passive sampling devices**  
YAKAN DÜNDAR S. D., FOCKS A.  
ECOTOX 2016, 7 - 10 September 2016
- XXI. **The effect of deployment duration in the passive sampling of organic compounds**  
YILMAZ A., KARACIK B., YAKAN DÜNDAR S. D., HENKELMANN B., SCHRAMM K. W., OKAY O.  
Environmental Impact 2016, 8 - 10 June 2016
- XXII. **The effect of deployment duration in the passive sampling of organic compounds.**  
Yilmaz A., Karacik B., Yakan Dündar S. D., Henkelmann B., Schramm K., Okay O.  
Environmental Impact 2016, Valensiya, Spain, 8 - 10 June 2016, pp.1
- XXIII. **Transplanted mussels versus passive samplers in monitoring studies**  
OKAY O., YILMAZ A., KARACIK B., YAKAN DÜNDAR S. D., HENKELMANN B., SCHRAMM K. W.  
Environmental Impact 2016, 8 - 10 June 2016
- XXIV. **Deniz Suyunda Organik Kirleticilerin İzlenmesi Pasif Örnekleyiciler**  
YILMAZ A., KARACIK B., YAKAN DÜNDAR S. D., HENKELMANN B., SCHRAMM K. W., OKAY O.  
Türkiye Deniz Bilimleri Konferansı 2016, Turkey, 31 May - 03 June 2016
- XXV. **Kıyısal Sedimentlerde Kirlilik ve Toksisite**  
OKAY O., YILMAZ A., YAKAN DÜNDAR S. D., KARACIK B., SCHRAMM K. W., GÜNGÖRDÜ A., ÖZMEN M.  
Türkiye Deniz Bilimleri Konferansı 2016, Turkey, 31 May - 03 June 2016
- XXVI. **Bioaccumulation of hydrophobic organic contaminants in mussels in the Istanbul Strait Field monitoring by means of passive water sampling and modelling**  
YAKAN DÜNDAR S. D., FOCKS A.  
SETAC Europe 26th Annual Meeting, 22 - 26 May 2016
- XXVII. **Coastal Pollution From shipyards to the marine environment**  
YILMAZ A., OKAY O., KARACIK B., YAKAN DÜNDAR S. D., HENKELMANN B., KW S.  
8th meeting of the Port-city Universities League (PUL), 20 - 23 October 2015
- XXVIII. **Deniz Sedimentlerinde Metal Kirlenmesinin Değerlendirilmesi**  
Okay O., Özmen M., Güngördü A., Yakan Dündar S. D., Yilmaz A., Karacik B., Tutak B., Schramm K. W.  
2. Kıyı ve Deniz Jeolojisi Sempozyumu, İstanbul, Turkey, 15 - 16 October 2015
- XXIX. **Organic pollutant levels in marine sediments Shipbreaking yards**  
YILMAZ A., OKAY O., KARACIK B., YAKAN DÜNDAR S. D., henkelmann b., schramm k. w.  
8th Meeting of the Port-City Universities League, 20 - 23 October 2014
- XXX. **Discussion on the Contamination and Effect Assessment Methods of Sediments by Heavy Metals; A Case study in the Turkish Coastal Area**  
Okay O., ÖZMEN M., GÜNGÖRDÜ A., Yakan Dündar S. D., Yilmaz A., Karacik B., SCHRAMM K.  
Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE) and SECOTOX Conference, Mikonos, Greece, 14 - 18 June 2015, pp.1
- XXXI. **Quantification and Health Risk of Heavy Metals in Mussels Collected from the West and North- West of Turkey**  
Yakan Dündar S. D., Karacik B., Yilmaz A., KOYUNBABA N. C., GÜNGÖRDÜ A., ÖZMEN M., Okay O.

- ICMT 2014 (International Conference on Maritime Technology 2014), Glasgow, United Kingdom, 7 - 09 July 2014,  
pp.40
- XXXII. **Pollution Problem in Ship/Boat Related Activities in Coastal Areas**  
Okay O., Yilmaz A., Karacik B., Yakan Dündar S. D., ÖZMEN M., GÜNGÖRDÜ A., HENKELMANN B., SCHRAMM K., PFISTER G.  
International Conference on Maritime Technology (ICMT 2014), Glasgow, United Kingdom, 7 - 09 July 2014, pp.32
- XXXIII. **Evaluation of the Impacts of Marine Pollution in Marinas and Shipyards by Means of *Mytilus galloprovincialis***  
GÜNGÖRDÜ A., ÖZMEN M., Okay O., Karacik B., Yilmaz A., Yakan Dündar S. D.  
XXII. National Biology Congress, Eskişehir, Turkey, 23 - 27 June 2014, pp.1
- XXXIV. **Quantification and Health Risks of Heavy Metals in Mussels Collected from the West and North west of Turkey**  
YAKAN DÜNDAR S. D., KARACIK B., YILMAZ A., Koyunbaba N. C., GÜNGÖRDÜ A., ÖZMEN M., OKAY O.  
International Conference on Maritime Technology (ICMT 2014), 7 - 09 June 2014
- XXXV. **Bioaccumulation and Depuration Modelling of Different Ring PAHs in *Mytilus galloprovincialis* and Application of Selected Biomarkers.**  
Yakan Dündar S. D., Focks A., Klasmeier J., HENKELMANN B., SCHRAMM K., Okay O.  
. 17th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP), İstanbul, Turkey, 28 September - 01 October 2013, pp.2
- XXXVI. **Relation Between The Sediment Characteristics and Toxicity; Microalgae Versus Mussels**  
Karacik B., Öztürk B., Yilmaz A., Yakan Dündar S. D., HENKELMANN B., SCHRAMM K., Okay O.  
17th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP), İstanbul, Turkey, 28 September - 01 October 2013, pp.1
- XXXVII. **Organic Pollution and Sediment Toxicity in Shipyard and Marinas**  
Okay O., Yilmaz A., Karacik B., Yakan Dündar S. D., Henkelmann B., Schramm K., Koyunbaba N. C., Öztürk B.  
ISPAC 2013 International Symposium for Polycyclic Aromatic Compounds (ISPAC 24), Corvallis, United States Of America, 8 - 12 September 2013, pp.1
- XXXVIII. **Determination of Organic Pollutant Levels in Shipyards and Marina Waters by Passive Sampling**  
Yilmaz A., Okay O., Karacik B., BARLAS B., Schramm K., Henkelmann B., Pfister G., Yakan Dündar S. D., Koyunbaba N. C.  
ISPAC 2013 International Symposium for Polycyclic Aromatic Compounds (ISPAC 24), Corvallis, United States Of America, 8 - 12 September 2013, pp.2
- XXXIX. **Filtration rates of *Mytilus galloprovincialis* exposed to phenanthrene in a semi-continuous experimental system**  
Yakan Dündar S. D., Okay O.  
17th Pollutant Responses in Marine Organisms (PRIMO), Faro, Portugal, 5 - 08 May 2013, pp.1
- XL. **Evaluation of biomarker response changes in *Mytilus galloprovincialis* exposed to phenobarbital**  
KORKMAZ V., GÜNGÖRDÜ A., Yakan Dündar S. D., Karacik B., Okay O., ÖZMEN M.  
XXI. National Biology Congress, İzmir, Turkey, 3 - 07 September 2012, pp.1
- XLI. **Modelling PAH bioaccumulation in *Mytilus galloprovincialis* with a three-compartment model.**  
Yakan Dündar S. D., Klasmeier J., Focks A., Okay O.  
6th SETAC World Congress & SETAC Europe 22nd Annual Meeting, Berlin, Germany, 20 - 24 May 2012, pp.1
- XLII. **Biomarker applications in different marine ecosystems for estimation of pollution level.**  
Koyunbaba N. C., Yilmaz A., Karacik B., Yakan Dündar S. D., Okay O.  
6th SETAC World Congress & SETAC Europe 22nd Annual Meeting, Berlin, Germany, 20 - 24 May 2012, pp.2
- XLIII. **Bioaccumulation and depuration kinetics and the effects of phenanthrene on *Mytilus galloprovincialis***  
Yakan Dündar S. D., Henkelmann B., Schramm K., Okay O.  
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## Episodes in the Encyclopedia

- I. **Kutup Bilimleri Ansiklopedisi**  
YAKAN DÜNDAR S. D.  
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## Other Publications

- I. **Antarktika Yarımadasında Poliaromatik Hidrokarbonların Yayılımı ve Olası Kaynakları**  
Karacik B., Yakan Dündar S. D., Yılmaz A., Özsoy B.  
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- II. **Kutuplarda Dayanıklı Kirleticilerin Yayılımı**  
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## Supported Projects

- Yakan Dündar S. D., Project Supported by Other Official Institutions, Endokrin Bozucu Kimyasallar ve Arıtma Teknolojilerinin Araştırılması, 2016 - Continues
- Olğun Kiyak N., Tarı U., Musaoğlu N., Çelik Balcı N., Örek H., Yakan Dündar S. D., Yalçın B., Aksu A., TUBITAK Project, Assessment of spatial and temporal changes in the Marmara Sea marine primary productivity by using satellite data and sediment bio-geochemistry, 2020 - 2023
- Yakan Dündar S. D., Balaneshin Kordan M., ÖREK H., Project Supported by Higher Education Institutions, Marmara Denizi'nin optik karakterizasyonu, biyo-optik özelliklerinin belirlenmesi ve biyo-optik parametreler vasıtıyla ekolojik bölgelerinin tanımlanması, 2019 - 2023
- Yakan Dündar S. D., TEKLU B. M., Project Supported by Higher Education Institutions, Mapping of Aquatic Ecological Pollutants and Risk Assessment at the Central Rift Valley of Ethiopia, 2019 - 2022
- Yakan Dündar S. D., Project Supported by Higher Education Institutions, Konsantrasyon Oran Modeli ile Sucul Canlıların Biyobirim Faktörü, Alım ve Arınım Kinetik Hızlarının Belirlenmesi, 2018 - 2021
- Yakan Dündar S. D., Project Supported by Higher Education Institutions, Hidrofobik Organik Kirleticilerin Türkiye'nin

Farklı Bölgelerine Yerleştirilmiş Midyelerdeki Biyobirikimi: Pasif Örnekleyiciler Vasıtasıyla Gerçekleştirilen Saha ve Model Çalışması, 2016 - 2018

Yakan Dündar S. D., Project Supported by Higher Education Institutions, Türkiye'nin Batı ve Kuzeybatısından Toplanan Midyelerdeki Ağır Metallerin Miktarlarının Belirlenmesi ve Sağlık Riskleri, 2014 - 2018

Yakan Dündar S. D., Project Supported by Other Official Institutions, Bitki Koruma Ürünlerinin Kullanımı Neticesinde Meydana Gelen Su Kirliliğinin Tespiti Ve Madde Veya Madde Grubu Bazında Çevresel Kalite Standartlarının Belirlenmesine İlişkin Proje BİKOP, 2012 - 2015

Yakan Dündar S. D., Project Supported by Other Official Institutions, Ülkemiz Kıyı ve Geçiş Sularında Tehlikeli Maddelerin Tespiti ve Ekolojik Kıyı Dinamiği Projesi KİYITEMA, 2012 - 2015

TUBITAK Project, Tersane ve Marina Aktivitelerinden Kaynaklanan Kirleticilerin Doğal Su Ortamlarındaki Seviye ve Etkilerinin Belirlenmesi, 2011 - 2014

TUBITAK Project, Kuzey Ege kıyılarında transplante midyeler ile biyoizleme programı öncelikli kirleticilerin seviyeleri ve uygun biyogöstergelerin belirlenmesi, 2011 - 2013

Yakan Dündar S. D., TUBITAK Project, Besin zincirinde PAH akümülasyonu ve transferinin modellenmesi, 2009 - 2013

TUBITAK Project, İstanbul Boğazı ekosisteminde öncelikli kirleticilerin ve etkilerinin belirlenmesi, 2007 - 2010

## Scientific Refereeing

Resources, Conservation & Recycling, SCI Journal, September 2017

Environmental Toxicology and Chemistry, SCI Journal, May 2016

North-Western Journal of Zoology, SCI Journal, July 2015

Marine Pollution Bulletin, SCI Journal, March 2015

Aquaculture Environment Interactions, SCI Journal, July 2014

Journal of Hazardous Materials, SCI Journal, July 2013

Environmental Science and Pollution Research, SCI Journal, March 2013

Environmental Science and Pollution Research, SCI Journal, February 2012

## Metrics

Publication: 76

Citation (WoS): 352

Citation (Scopus): 476

H-Index (WoS): 8

H-Index (Scopus): 10

## Congress and Symposium Activities

Global changes in estuarine and coastal systems: innovative approaches and assessment tools, Attendee, Bordeaux, France, 2019

3. Ulusal Deniz Bilimleri Konferansı, Attendee, İzmir, Turkey, 2018

III. Marmara Denizi Sempozyumu, Attendee, İstanbul, Turkey, 2017

11th Meeting of Port-city Universities League (PUL 2017), Attendee, Incheon, South Korea, 2017

XIV Congresso Brasileiro de Ecotoxicologia (ECOTOX 2016), Attendee, Curitiba, Brazil, 2016

ICMT 2014 (International Conference on Maritime Technology 2014), Attendee, Glasgow, United Kingdom, 2014

17th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region (MESAEP), Attendee, İstanbul, Turkey, 2013

17th Pollutant Responses in Marine Organisms (PRIMO), Attendee, Faro, Portugal, 2013

6th SETAC World Congress & SETAC Europe 22nd Annual Meeting, Attendee, Berlin, Germany, 2012

15th International Symposium on Toxicity Assessment, Attendee, Hong Kong, 2011

6th International Conference on Marine Pollution and Ecotoxicology, Attendee, Hong Kong, 2010

Second International Conference on Environmental Management, Engineering, Planning and Economics (CEMEPE 09) & SECOTOX Conference, Attendee, –Seçiniz--, Greece, 2009

ICMRT'07 (2nd International Conference on Marine Research and Transportation, Attendee, Naples, Italy, 2007

### **Non Academic Experience**

İstanbul Teknik Üniversitesi