

Asst. Prof. Hürrem BAYHAN

Personal Information

Email: hbayhan@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/hbayhan>

Education Information

Doctorate, Istanbul University, Deniz Bilimleri Ve İşletmeciliği Enstitü, Deniz Biyolojisi, Turkey 1989 - 1995

Istanbul University, Deniz Bilimleri Ve İşletmeciliği Enstitü, Deniz Biyolojisi, Turkey 1986 - 1988

Undergraduate, Ataturk University, Fen Fakültesi, Biyoloji, Turkey Continues

Advising Theses

BAYHAN H., AYÇİÇEĞİ ÜRETİMİNDE KULLANILAN BAZI HERBİSİTLERİN DOĞAL ŞARTLARDA İZLENMESİ VE BİYOREMEDİASYON YÖNTEMİYLE GİDERİMİ, Doctorate, G.Önder(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **THE ASSESSMENT OF WATER QUALITY IN OMERLI DAM RESERVOIR, ISTANBUL, TURKEY**
Bayhan H., Erguven G. O., Akkoyunlu A., KANAT G.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, pp.977-988, 2017 (SCI-Expanded)
- II. **The capacity of some newly bacteria and fungi for biodegradation of herbicide trifluralin under agiated culture media**
Erguven G. O., Bayhan H., Ikizoglu B., KANAT G., Nuhoglu Y.
CELLULAR AND MOLECULAR BIOLOGY, vol.62, no.6, pp.74-79, 2016 (SCI-Expanded)
- III. **Monitoring Aclonifen Remediation in Soil with a Laboratory-Scale Research**
Erguven G. O., Bayhan H., Demir G., Ikizoglu B., KANAT G.
JOURNAL OF CHEMISTRY, 2016 (SCI-Expanded)
- IV. **REMOVAL RATE OF HERBICIDE ACLONIFEN WITH ISOLATED BACTERIA AND FUNGI**
Erguven G. O., Bayhan H., Ikizoglu B., KANAT G., Demir G.
APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH, vol.14, no.2, pp.351-365, 2016 (SCI-Expanded)
- V. **Sea water quality assessment of Prince Islands' Beaches in Istanbul**
Aydinol F. İ., KANAT G., Bayhan H.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.184, no.1, pp.149-160, 2012 (SCI-Expanded)
- VI. **Performance evaluation and kinetic modeling of the start-up of an UASB reactor treating municipal wastewater at low temperature**
Türkdoğan F. İ., Yetilmezsoy K., Çomez S., Bayhan H.
Bioprocess And Biosystems Engineering, vol.43, pp.153-162, 2011 (SCI-Expanded)
- VII. **Recent years status of sediment bed of Golden Horn (Istanbul) after year 1999**
Gönüllü M. T., Avşar Y., Apaydın Ö., Bayhan H., Kurt U.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.121, pp.561-569, 2006 (SCI-Expanded)
- VIII. **Recent years status of sediment bed of Golden Horn (Istanbul) after year 1999**
GÖNÜLLÜ M. T., Avsar Y., Apaydin O., Bayhan H., Kurt U.

- ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.121, pp.561-569, 2006 (SCI-Expanded)
- IX. **Recent Years Status of Sediment Bed of Golden Horn Istanbul after Year 1999**
GÖNÜLLÜ M. T., AVŞAR Y., APAYDIN Ö., BAYHAN H., KURT U.
Environmental Monitoring And Assessment, pp.561-569, 2006 (SCI-Expanded)
- X. **Primary Productivity in the Golden Horn**
Gönüllü M. T., Avşar Y., Bayhan H., Şakar S., Arslankaya E., Apaydın Ö., Kurt U.
Environmental Monitoring And Assessment, vol.109, pp.57-64, 2005 (SCI-Expanded)
- XI. **Primary productivity in the Golden Horn**
GÖNÜLLÜ M. T., AVŞAR Y., BAYHAN H., ŞAKAR S., ARSLANKAYA E., APAYDIN Ö., KURT U.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.109, pp.57-64, 2005 (SCI-Expanded)
- XII. **Design of cathodic protection for the Kadikoy pretreatment plant sea outfall, Istanbul, Turkey**
Akkoyunlu A., Cizmecioglu Z., Ertürk F., BAYHAN H., Yetilmezsoy K.
MATERIALS PERFORMANCE, vol.44, no.10, pp.26-30, 2005 (SCI-Expanded)
- XIII. **A STUDY OF ORGANICS AND THEIR ALTERATIONIN BENTHIC SEDIMENTS OF GOLDEN HORN**
GÖNÜLLÜ M. T., BAYHAN H., AVŞAR Y., ARSLANKAYA E., KURT U., TOSUN İ., APAYDIN Ö.
Fresenius Environmental Bulletin, vol.12, pp.1457-1464, 2003 (SCI-Expanded)
- XIV. **The Pollution Status and Environmental Effects of Izmit Bay (Marmara Sea, Turkey) Crossing Via Tube Tunnel or Bridge**
Akkoyunlu A., Ertürk F., BAYHAN H.
FRESENIUS ENVIRONMENTAL BULLETIN, no.11, pp.957-964, 2003 (SCI-Expanded)
- XV. **A Study of Organics and Their Alteration in Benthic Sediments of Golden Horn**
GÖNÜLLÜ M. T., BAYHAN H., AVŞAR Y., ARSLANKAYA E., KURT U., TOSUN İ., APAYDIN Ö.
Fresenius Environmental Bulletin, pp.1457-1464, 2003 (SCI-Expanded)
- XVI. **A study of organics and their alteration in benthic sediments of golden horn**
Gönüllü M. T., Bayhan H., Avşar Y., Arslankaya E., Kurt U., Tosun İ., Apaydın Ö.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.12, no.12, pp.1457-1464, 2003 (SCI-Expanded)
- XVII. **Nitrogen removal during secondary treatment by aquatic systems**
Nalbur B., Akça L., BAYHAN H.
WATER SCIENCE AND TECHNOLOGY, vol.48, pp.355-361, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **Treatment of household wastewater through surface flow natural treatment systems**
BAYHAN H., Kayan E., Aydmol F. İ.
SWS-Europe Wetpol and Wetland Biogeochemistry, 2011 (Non Peer-Reviewed Journal)
- II. **Cost analysis of the surface flow wetland treatment systems: the example in Turkey**
BAYHAN H., Yeşildağ S., Aydmol F. İ.
SWS-Europe Wetpol and Wetland Biogeochemistry, 2011 (Non Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **SURFACE AND SUBSURFACE FLOW WETLAND TREATMENT FOR SMALL COMMUNITY WASTEWATER**
BAYHAN H., TÜRKDOĞAN F. İ., KANAT G., ACAREL M.
INTERNATIONAL CONFERENCE ON RESOURCERECOVERY IN ENVIRONMENTAL ENGINEERING, İstanbul, Turkey,
15 - 16 November 2018
- II. **Biodeterioration of Stone Monuments on Historical Buildings in Yıldız Technical University Besiktas Campus Istanbul Turkiye**
NUHOĞLU Y., Özdemir A., ERGÜVEN G. Ö., ADAR E., BAYHAN H.
EurAsia Waste Management Symposium, 2-4 May 2016, YTU 2010 Congress Center, İstanbul/Türkiye, İstanbul,

Turkey, 2 - 04 May 2016

- III. **DECREASING OF TRIFLURALIN HERBICIDE IN SOIL WITH ISOLATED BACTERIA AND FUNGI**
BAYHAN H., Ergüven G. Ö., İkizoğlu B.
The International Conference on Environmental Science and Technology ICOEST 2015, Sarajevo, 01 September 2015
- IV. **INVESTIGATION OF GOLDEN HORNE DEEP SLUDGE BY BIOCHEMICAL OXYGEN DEMAND AND MICROBIOLOGICALLY**
BAYHAN H., Ergüven G. Ö., Karabaş N., İkizoğlu B.
The International Conference on Environmental Science and Technology ICOEST 2015, Sarajevo, 01 September 2015
- V. **Removal Rate of Herbicide Aclonifen in Agricultural Sunflower Field in Natural Period**
Ergüven G. Ö., Bayhan H., İkizoğlu B., Kuzu S. L., Kanat G.
International Conference on Engineering and Natural Science, Skopje, Macedonia, 15 - 19 May 2015, vol.1, pp.712-716
- VI. **Removal Rate of Herbicide Trifluralin in Agricultural Sunflower Field in Natural Period**
Ergüven G. Ö., Bayhan H., İkizoğlu B., Kuzu S. L., Kanat G.
International Conference on Engineering and Natural Science, Skopje, Macedonia, 15 - 19 May 2015, vol.1, pp.701-704
- VII. **Removal Efficiency of the Herbicide Aclonifen by Soil Fungi**
Ergüven G. Ö., Bayhan H., İkizoğlu B., Kuzu S. L., Kanat G., Nuhoglu Y.
International Conference on Engineering and Natural Science, Skopje, Macedonia, 15 - 19 May 2015, vol.1, pp.21-25
- VIII. **Monitoring The Removal Efficiency of The Herbicide Aclonifen By Soil Bacteria**
ERGÜVEN G. Ö., BAYHAN H., İKİZOĞLU B., KOÇAK E., DALGIÇ G., ŞAKAR S.
", MOLCHEM 2014- Interational Symposium of Molecular Chemistry, İstanbul, Turkey, 04 December 2014, pp.25
- IX. **Monitoring the Degregation of Trifluarin and AclonifenHerbicides by Mixed Cultures with Parameters of Chemical Oxygen Demand(COD) and Total Organic Carbon(TOC)**
BAYHAN H., KOÇAK E., DALGIÇ G.
Awareness Raising Workshop:Pesticide Residues in Closed Cropping and Organic Pollutants in the Turkish Environment, 01 March 2014
- X. **Treatment and Reuse of Industrial Wastewater Occurred Due to Bus Maintenance Operations; A Case Study of Ikitelli Bus Garage**
YILMAZ F., AKKOYUNLU A., BAYHAN H.
Istanbul International Solid Waste, Water and Waste-water Congress, 01 May 2013
- XI. **Application of Subsurface Wetland System of Treating Domestic Wastewaters to Rural Areas**
TÜRKDOĞAN F. İ., Bayhan H.
SWS-Europe Wetpol and Wetland Biogeochemistry, 01 July 2011
- XII. **The application of Imhoff tank and overland flow system for small community wastewater treatment**
TÜRKDOĞAN F. İ., Acarel M., Çomez S., Bayhan H., Turan M.
3rd Wetland Pollutant Dynamics and Control - WETPOL2009, 01 September 2009
- XIII. **Performance of a Flat-Sheet Submerged Membrane Bioreactor during Long-Term Treatment of Municipal Wastewater**
Ozdemir O., Turan A., Ozkan O., BAYHAN H., Aykar E.
01 September 2009
- XIV. **Administrative, management and economical evaluation of municipal solid waste collection services and recycling activities in İstanbul metropolitan**
Karadağ D., Sakar S., Bayhan H.
International Conference on Environment: Survival and Sustainability, Lefkoşa, Cyprus (Kktc), 19 - 24 February 2007, pp.1463-1471
- XV. **Golden Horn Sediment Pollution Characteristics in March 2001**
GÖNÜLLÜ M. T., Bayhan H., ARSLANKAYA E., KURT U., AVŞAR Y., Tosun İ., APAYDIN Ö.

Other Publications

- I. **TİOTROPİUM BROMÜR AKTİF MADDE SENTEZİ ÜRETİM TESİSİ ÇED BAŞVURU DOSYASI**
ŞAKAR S., AVŞAR Y., BAYHAN H., YETİLMEZSOY K.
Other, 2014
- II. **TOROS TARIM A TİPİ ANTREPO (KÖMÜR DEPOLAMA) SAHASI ÇED BAŞVURU RAPORU**
ŞAKAR S., AVŞAR Y., BAYHAN H., YETİLMEZSOY K.
Other, 2014
- III. **YAVUZCAN OTELİ ÇED PROJE TANITIM DOSYASI**
ŞAKAR S., AVŞAR Y., BAYHAN H., YETİLMEZSOY K.
Other, 2014
- IV. **ADNAN ATEŞ KUVARS KUM OCAĞI EKOLOJİK TEMELLİ BİLİMSEL ARAŞTIRMA RAPORU**
ŞAKAR S., BAYHAN H., KOÇAK E., ŞENGÖRÜR K., EREN R. H.
Other, 2013
- V. **Adnan Ateş Kuvars Kum Ocağı Biyo-Ekolojik Ve Jeolojik Ön Değerlendirme Raporu**
ŞAKAR S., EREN R. H., ŞENGÖNÜL K., BAYHAN H., KOÇAK E.
Other, 2013
- VI. **SU ÜRÜNLERİ ANALİZ SONUÇLARINI DEĞERLENDİRME RAPORU**
BAYHAN H.
Other, 2012
- VII. **YALIKAVAK BODRUM YAT LİMANI VE YOLCU GEMİSİ YANAŞMA YERİ KAPASİTE ARTIŞI SU KALİTESİ FLORA VE FAUNA RAPORU**
BAYHAN H.
Other, 2012
- VIII. **TRABZON-AKYAZI SPOR VE KÜLTÜR KOMPLEKSİ DOLGU ALANI İNŞAATI SU KALİTESİ FLORA VE FAUNA RAPORU**
BAYHAN H.
Other, 2012
- IX. **ESKİHİSAR Kazıklı Feribot İskelesi Flora Ve Fauna Raporu**
ŞAKAR S., BAYHAN H.
Other, 2002
- X. **BE-SA Besin Gıda Erzincan Entegre Et Tesisleri Flora Ve Fauna Raporu**
ŞAKAR S., BAYHAN H.
Other, 2002

Supported Projects

BAYHAN H., DALGIÇ BOZYİĞİT G., Project Supported by Higher Education Institutions, Ay çiçeği üretiminde kullanılan pestisitlerin (Tribenuron methyl, Acinofen, Trifluralin) doğal süreçte izlenmesi ve bioremediasyon yöntemiyle gideriminin araştırılması, 2012 - 2016

BAYHAN H., Project Supported by Higher Education Institutions, İstanbul Havasının Mikrop (Bakteri Ve Mantar) Kalitesinin Araştırılması, 2012 - 2015

BAYHAN H., DALGIÇ BOZYİĞİT G., Project Supported by Higher Education Institutions, Ömerli Havzası Ve Baraj Gölünde Su Kalitesi Araştırması, 2010 - 2013

BAYHAN H., İstanbul Baraj Göllerinden Birinde Besi Maddeleriyle Kirlenmenin Araştırılması, 2004 - 2013

Metrics

Publication: 46

Citation (WoS): 61

Citation (Scopus): 61

H-Index (WoS): 5

H-Index (Scopus): 5

Non Academic Experience

İ.T.Ü. İnş. Fakültesi Çevre Mühendisliği Bölümü

Halk Sağlığı Lab. Trabzon