

Prof. Fatma Yonsel

Personal Information

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

Email: fyonsel@itu.edu.tr

Web: <http://knot.gidb.itu.edu.tr/staff/yonsel/>

Address: İstanbul Teknik Üniversitesi, Gemi İnşaatı ve Deniz Bilimleri Fakültesi, Gemi ve Deniz Teknolojisi Mühendisliği Bölüm
Maslak 34469 / Istanbul / Turkey

International Researcher IDs

ORCID: 0000-0002-6617-1043

ScopusID: 6504005237

Yoksis Researcher ID: 151649

Education Information

Doctorate, Technische Universitaet Berlin, Verfahrenstechnik Und Energietechnik, Germany 1988 - 1993

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Kimya Mühendisliği (YI)
(Tezli), Turkey 1982 - 1984

Undergraduate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Kimya Mühendisliği
Bölümü, Turkey 1978 - 1982

Foreign Languages

English

German

Dissertations

Doctorate, Kinetik des anaeroben Abbaus von Essig-und Propionsaeure in Bioreaktoren mit immobilisierten Bakterien,
Technische Universitaet Berlin, 1993

Postgraduate, Anaerobe Abwasserreinigung in Reaktoren mit Schaumstoffpartikeln als Traegermaterial für Bakterien,
Technische Universitaet Berlin, Institut Für Verfahrenstechnik, Verfahrenstechnik, 1989

Postgraduate, Havagazi Fabrikası Atıklarının Değerlendirilmesi, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya
Mühendisliği, 1984

Research Areas

Technical Sciences, Environmental Engineering, Environmental Technology, Waste Water Collection and Treatment,
Marine Sciences and Technology, Oceanography, Chemical Oceanography, Sea pollution, Chemical Engineering and
Technology, Chemical Technologies, Environmental Chemistry and Technology

Academic Titles / Tasks

Professor, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi Mühendisliği Bölümü, 2018 - Continues

Associate Professor, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi Mühendisliği Bölümü, 2002 - 2018

Assistant Professor, Istanbul Technical University, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, Gemi Ve Deniz Teknolojisi Mühendisliği Bölümü, 1998 - 2002

Assistant Professor, Gebze Technical University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 1996 - 1997

Assistant Professor, Kocaeli University, Mühendislik Fakültesi, Çevre Mühendisliği, 1995 - 1996

Assistant Professor, Yıldız Technical University, Fen Edebiyat Fakültesi, Kimya Bölümü, 1993 - 1994

Research Assistant, Technische Universitaet Berlin, Energie Und Verfahrenstechnik, Verfahrenstechnik, 1993 - 1993

Research Assistant, Technische Universitaet Berlin, Energie Und Verfahrenstechnik, Verfahrenstechnik, 1991 - 1993

Research Assistant, Technische Universitaet Berlin, Energie Und Verfahrenstechnik, Verfahrenstechnik, 1988 - 1991

Research Assistant, Yıldız Technical University, Fen Edebiyat Fakültesi, Kimya Bölümü, 1983 - 1988

Academic and Administrative Experience

İstanbul Teknik Üniversitesi, Kampüs Planlama Komisyonu, 2014 - Continues

İstanbul Teknik Üniversitesi, Gemi Ve Deniz Teknolojisi Mühendisliği, 2014 - Continues

Head of Department, İstanbul Teknik Üniversitesi, Gemi Ve Deniz Teknolojisi Mühendisliği Bölümü, 2018 - 2019

İstanbul Teknik Üniversitesi, Gemi İnşaatı Ve Deniz Bilimleri Fakültesi, 2017 - 2018

İstanbul Teknik Üniversitesi, Gemi Ve Deniz Teknolojisi Mühendisliği, 2013 - 2015

İstanbul Teknik Üniversitesi, Gemi Ve Deniz Teknolojisi Mühendisliği YI Programı, 2011 - 2014

Courses

Gemi Kökenli Deniz Kirlenmesi, Postgraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2011 - 2012

Deniz Suyu Kimyası, Undergraduate, 2016 - 2017

Deniz Kirliliği, Undergraduate, 2017 - 2018

Special Topics in Shipbuilding & Ocean Eng., Doctorate, 2017 - 2018

Special Topics in Shipbuilding & Ocean Eng., Postgraduate, 2017 - 2018, 2014 - 2015, 2012 - 2013

Seminer, Postgraduate, 2015 - 2016

Seawater Chemistry, Undergraduate, 2013 - 2014

Marine Pollution, Undergraduate, 2013 - 2014

Gemi ve Oşinografi Laboratuvarı, Undergraduate, 2010 - 2011

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Bilim Jürisi, İstanbul Teknik Üniversitesi, November, 2018

Post Graduate, Tüpraş Rafinerisi Liman İçi Sedimentlerinde Toksik Ftalat Esterlerinin Araştırılması, İstanbul Üniversitesi, Deniz Bilimleri ve İşletmeciliği Enstitüsü, June, 2017

Doctorate, Modelling PAH Bioaccumulation and Transfer in the Food Chain, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, June, 2013

Post Graduate, Türkiye Kıyısız Alanlarında Kirlilik Seviyelerinin ve Etkilerinin Kimyasal Analizler ve Biyogösterge Yöntemleri ile Belirlenmesi, İTÜ-Fen Bilimleri Enstitüsü, May, 2013

Post Graduate, Bakü-Tiflis-Ceyhan Ham Petrol Boru Hattı Çevresel Risk Değerlendirilmesi, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, April, 2004

Doctorate, Dil Deresi'nin İzmit Körfezi Yüzey Sediment Kalitesine Olan Etkilerinin Alıcı Ortam Modellenmesi ile

Belirlenmesi, Kocaeli Üniversitesi; Fen Bilimleri Enstitüsü, May, 2003

Supported Projects

Yonsel F., Project Supported by Higher Education Institutions, Balast Sularının Gemi Üzerinde Arıtılması, 2007 - 2015

Yonsel F., Project Supported by Higher Education Institutions, Balast Sularının Gemi Üzerinde Arıtılması, 2007 - 2009

Yonsel F., Project Supported by Higher Education Institutions, Gemi Kökenli Deniz Kirlenmesi Sintine Sularının Biyolejik Yöntemlerle Araştırılması, 1999 - 2005

Yonsel F., Project Supported by Higher Education Institutions, P- Toluik Asidin Hidrojen İyonu ve Civa (II) İyonu İle Oluşturduğu Ardışık Dengelerin İncelenmesi, 1994 - 1996

Memberships / Tasks in Scientific Organizations

TU Berlin Alumni, Member, 1994 - Continues

DWA, Member, 1994 - Continues

IWA, Member, 1994 - Continues

Chemical Society of Turkey, Member, 1982 - Continues

Scientific Refereeing

JEMS-Journal of ETA Maritime Science, National Scientific Refreed Journal, March 2019

YÖK-100/2000 Doktora Bursu Panelist, Other Journals, January 2019

GIDB Dergi, National Scientific Refreed Journal, November 2018

TUBITAK Project, November 2018

GIDB Dergi, National Scientific Refreed Journal, June 2018

Project Supported by Higher Education Institutions, June 2018

Project Supported by Higher Education Institutions, December 2017

Journal of Engineering and Natural Sciences -Sigma-Yıldız Technical University-Open Access Journals, National Scientific Refreed Journal, November 2016

Journal of Ocean Technology (JOT), Other Indexed Journal, September 2014

TUBITAK Project, May 2013

TUBITAK Project, August 2012

Journal of Coastal Research, SCI Journal, December 2004

Scientific Research / Working Group Memberships

DOTTU- Deniz Ortamında Temiz Teknoloji Uygulamaları, İSTANBUL TEKNİK ÜNİVERSİTESİ, Turkey, <https://calismagruplari.itu.edu.tr>, 2014 - Continues

DEN TEK- Deniz Teknolojileri, İSTANBUL TEKNİK ÜNİVERSİTESİ, Turkey, <https://calismagruplari.itu.edu.tr>, 2013 - 2017

DENSAVTEK, İSTANBUL TEKNİK ÜNİVERSİTESİ, Turkey, <https://calismagruplari.itu.edu.tr>, 2013 - 2017

Metrics

Publication: 69

Citation (WoS): 64

Citation (Scopus): 72

H-Index (WoS): 3

Congress and Symposium Activities

- Elsevier Bibliyometri Çalıştayı, Attendee, İstanbul, Turkey, 2018
- İMAK DTO Balast Suyu Arıtım Sistemlerinde Yeni Gelişmeler ve Sistem Seçiminde Dikkat Edilecek Hususlar, Attendee, İstanbul, Turkey, 2018
- III. International Eurasian Maritime History Congress, Attendee, İstanbul, Turkey, 2018
- TU Berlin Around the World-Designing the Future of our International Alumni Clubs, Attendee, Berlin, Germany, 2018
- III. Marmara Denizi Sempozyumu, Attendee, İstanbul, Turkey, 2017
- Aquatech Amsterdam - Word's leading trade exhibition for process, drinking and waste water, Attendee, Amsterdam, Netherlands, 2017
- GMO SHIPMAR 2016- 1st International Congress on Ship and Marine Technology, Session Moderator, İstanbul, Turkey, 2016
- 1st International Congress on Ship and Marine Technology-GMO Shipmar, Attendee, İstanbul, Turkey, 2016
- Türkiye Denizleri Bakterilerinin Biyoteknolojik Kullanımı, Attendee, İstanbul, Turkey, 2016
- Ulusal Deniz Araştırma Programı, Attendee, İstanbul, Turkey, 2015
- 8 th Meeting of the Port-City Universities League, Green Ship, Sustainable Port and Marine Environment, Attendee, İstanbul, Turkey, 2014
- 17th International Symposium on Environmental Pollution and its Impact on Life in the Metiterranean Region, Attendee, İstanbul, Turkey, 2013
- MESAEP 2013-17 th International Symposium on Environmental Pollution and its Impact on life in the Mediterranean Region, Session Moderator, İstanbul, Turkey, 2013
- Joint Workshop on Technologies to Reduce Risks in Shipping, Attendee, İstanbul, Turkey, 2013
- Ballast Water Management : Compliance and Operational Use of Ballast Water Management, Attendee, İstanbul, Turkey, 2012
- Integriertes Wasserresourcen- Management, Attendee, İstanbul, Turkey, 2011
- R & D Forum on Compliance Monitoring and Enforcement-The Next R&D Challenge and Opportunity, Attendee, İstanbul, Turkey, 2011
- Wasser Berlin International, Attendee, Berlin, Germany, 2011
- SMM Istanbul-Shipbuilding Machinery & Marine Technology Trade Fair, Attendee, İstanbul, Turkey, 2011
- SMM 2010 Shipbuilding Machinery and Marine Technology, Attendee, Hamburg, Germany, 2010
- Ship Design and Operation for Environmental Sustainability-RINA, Attendee, London, United Kingdom, 2010
- IMAM - Congress of International Maritime Assoc. of Mediterranean, Attendee, İstanbul, Turkey, 2009
- Gemi İnşaati ve Deniz Teknolojisi Teknik Kongresi, Attendee, İstanbul, Turkey, 2008
- Gemilerden Kaynaklanan Deniz Kirliliğinin Denetiminde Görevlendirilecek Olan Çevre Denetçileri için Sertifika Programı, Attendee, İstanbul, Turkey, 2008
- Gemilerden Kaynaklanan Deniz Kirliliğinin Denetiminde Görevlendirilecek Olan Çevre Denetçileri için Sertifika Programı, Invited Speaker, İstanbul, Turkey, 2008
- Sauberes Trinkwasser- ein Millenniumziel, Attendee, Berlin, Germany, 2007
- Kooperationsperspektiven zwischen Berlin und der Türkei, Attendee, Berlin, Germany, 2006
- Gemi Mühendisliği ve Sanayimiz Sempozyumu-GMO, Attendee, İstanbul, Turkey, 2004
- Management internationaler wirtschaftlicher und wissenschaftlicher Kooperationsprojekte, Attendee, Berlin, Germany, 2004
- ISWA World Environment Congress and Exhibition, Attendee, İstanbul, Turkey, 2002
- UKMK-IV - IV. Ulusal Kimya Mühendisliği Kongresi, Attendee, İstanbul, Turkey, 2000
- I. Ulusal Deniz Bilimleri Konferansı, Attendee, Ankara, Turkey, 2000
- II International Symposium on Anaerobic Digestion of Solid Waste, Attendee, Barcelona, Spain, 1999
- Nachaltige Sicherung der Trinkwasserversorgung in Metropolen, Attendee, Berlin, Germany, 1998
- Wasserversorgung und Abwasserentsorgung in Berlin und in İstanbul, Attendee, İstanbul, Turkey, 1997

ITU 5. Endüstriyel Kirlenme Sempozyumu, Attendee, İstanbul, Turkey, 1996
XII. International Sem. der TU BERLIN: Wasser die gefaehrte Ressource, Attendee, Berlin, Germany, 1996
Türkisch -Deutsche Wirstchaftskooperation im Rahmen der Zollunion, Attendee, İstanbul, Turkey, 1995
ITU- 4. Endüstriyel Kirlenme Sempozyumu, Attendee, İstanbul, Turkey, 1994
II. Ulusal Biyoteknoloji Sempozyumu, Attendee, Ankara, Turkey, 1994
DECHEMA Fachausschuss ' Umweltbiotechnologie', Attendee, Frankfurt, Germany, 1993
Environmental Bioprocesses - Modelling and Simulation, Attendee, Glarus, Switzerland, 1992
International Symposium of Environmental Biotechnology, Attendee, Oostende, Belgium, 1991
Türk-Alman Çevre Teknolojisi Semineri '87, Attendee, İstanbul, Turkey, 1987
Spektroskopi 86, Working Group, İzmir, Turkey, 1986
II.Ulusal Kimya Sempozyumu, Working Group, Ankara, Turkey, 1985
Atıksu Kirlilik Kriterleri ve Laboratuvar Deneyleri Semineri, Attendee, İstanbul, Turkey, 1985
I.Ulusal Kimya Sanayi Kongresi, Working Group, Ankara, Turkey, 1985

Scholarships

Araştırmacı Bursu, University, 1993 - 1993
Araştırmacı Bursu, University, 1990 - 1991
Araştırmacı Bursu, University, 1989 - 1990
Araştırmacı Bursu, University, 1988 - 1989

Non Academic Experience

Kocaeli Üniversitesi & Gebze Yüksek Teknoloji
Berlin Teknik Üniversitesi