

Prof. YÜCEL TAŞDEMİR

Personal Information

Office Phone: [+90 022 429 4210](tel:+900224294210) Extension: 5

Email: tasdemir@uludag.edu.tr

Web: <https://avesis.uludag.edu.tr/tasdemir>

Address: Bursa Uludağ Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü Nilüfer/Bursa

International Researcher IDs

ScholarID: IS9SVaoAAAAJ

ORCID: 0000-0002-2544-9862

Publons / Web Of Science ResearcherID: AAG-9468-2021

ScopusID: 6603118338

Yoksis Researcher ID: 3745

Education Information

Doctorate, Illinois Institute of Technology, Department of Environmental Engineering, United States Of America 1994 - 1997

Postgraduate, Illinois Institute of Technology, Department of Environmental Engineering, United States Of America 1991 - 1992

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, Turkey 1984 - 1989

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Modification and Evaluation of a Water Surface Sampler to Investigate the Dry Deposition and Air Water Exchange of Polychlorinated Bipheyls (PCBs), Illinois Institute of Technology, Environmental Engineering, 1997

Postgraduate, Evaluation of Aerobic Selector Technology for Heavy Metal Removal by Activated Sludge, Illinois Institute of Technology, Environmental Engineering, 1992

Research Areas

Environmental Engineering

Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2000 - 2007

Assistant Professor, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 1998 - 2000

Lecturer, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 1998 - 1998

Academic and Administrative Experience

Director of the Center, Bursa Uludağ University, U.Ü.Çevre Sorunları Uygulama ve Araştırma Merkezi (ULUÇAM), -, 2015 - 2021

Head of Department, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2013 - 2016

Member of the Senate, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2012 - 2016

ÇAYDAG - Danışma Kurul Üyesi, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2014 - 2015

Head of Department, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2012 - 2014

Fakülte Yönetim Kurulu Üyesi, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2012 - 2014

Fakülte Kurulu Üyesi, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2011 - 2014

Deputy Director of the Center, Bursa Uludağ University, U.Ü.Çevre Sorunları Uygulama ve Araştırma Merkezi (ULUÇAM), -, 2011 - 2014

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Bursa Uludağ University, U.Ü.Çevre Sorunları Uygulama ve Araştırma Merkezi (ULUÇAM), -, 2001 - 2014

BAP Scientific Commissioner, Bursa Uludağ University, REKTÖRLÜK, 2008 - 2009

Deputy Head of Department, Bursa Uludağ University, MÜHENDİSLİK FAKÜLTESİ, ÇEVRE MÜHENDİSLİĞİ, 2000 - 2009

Courses

Control of Gaseous Pollutants, Doctorate, 2021 - 2022

Air Pollution Science, Undergraduate, 2022 - 2023

Air Pollution Engineering, Postgraduate, 2021 - 2022

Environmental Movement of Chemicals, Postgraduate, 2022 - 2023

Endüstriyel Hava Kirliliği, Postgraduate, 2022 - 2023

Control of Particulate Pollutants, Doctorate, 2021 - 2022

Hazardous Air Pollutants and Risk Assessment, Doctorate, 2021 - 2022

Hava Kirliliği Meteorolojisi, Doctorate, 2017 - 2018

Hava Kirliliği Kontrol Mühendisliği, Undergraduate, 2017 - 2018

Hava Kirliliği, Undergraduate, 2017 - 2018

İstatistik, Undergraduate, 2017 - 2018

Advising Theses

Taşdemir Y., Usage of tree components in modeling atmospheric polycyclic aromatic hydrocarbons (PAHs), Postgraduate, A.ALİM(Student), 2021

TAŞDEMİR Y., Determination and possible relationships of OCP levels in olive and pine components and ambient air, Doctorate, A.Egemen(Student), 2020

TAŞDEMİR Y., Biomonitoring and source identification of polychlorinated biphenyls (PCBS) using olive tree and pine tree components from three different site in Bursa, Postgraduate, İ.Verim(Student), 2019

TAŞDEMİR Y., Determination of seasonal and regional levels of atmospheric polychlorinated biphenyls (pcbs) using pine compounds and passive air samplers (Pass) in bursa, Postgraduate, B.Çalışkan(Student), 2017

TAŞDEMİR Y., Sampling of polychlorinated biphenyls (PCBs) with different samplers in a semi-rural region in Bursa, Postgraduate, A.Egemen(Student), 2015

TAŞDEMİR Y., Determination of polycyclic aromatic hydrocarbon (PAHs) levels in treatment sludge, Nilüfer Creek sediment and investigation of removal methods, Doctorate, G.Karaca(Student), 2013

TAŞDEMİR Y., Deposition mechanisms and levels of polyaromatic hydrocarbons (PAHs) in Bursa atmosphere, Doctorate, A.Birgül(Student), 2013

TAŞDEMİR Y., Spatial and temporal changes of polychlorinated biphenyls (PCBs) in the Bursa soils, Postgraduate, R.Oğulmuş(Student), 2012

TAŞDEMİR Y., Distributions of polychlorinated biphenyls (PCBs) in the air-soil interface, Postgraduate, D.Yolsal(Student),

2011

TAŞDEMİR Y., Solmaz S., Atmospheric concentrations and bulk deposition fluxes of polychlorinated biphenyls (PCB's), Postgraduate, A.Turhan(Student), 2010

TAŞDEMİR Y., The determination of concentrations, dry deposition and air-water exchange fluxes of polychlorinated biphenyls, Doctorate, S.Siddik(Student), 2007

TAŞDEMİR Y., Removal of textile dyes by membrane filter application, Postgraduate, N.Çevik(Student), 2006

TAŞDEMİR Y., Gas/particle concentration distributions and dry deposition fluxes of polycyclic aromatic hydrocarbons (PAHs) in Bursa atmosphere, Doctorate, F.Esen(Student), 2006

TAŞDEMİR Y., Determine sulphate concentration and dry deposition flux in atmosphere of Bursa, Postgraduate, H.Günez(Student), 2005

TAŞDEMİR Y., Evaluation of classical air pollutant concentration levels in Bursa atmosphere and their relationships with each other, Postgraduate, T.Erbaşlar(Student), 2005

TAŞDEMİR Y., Determination of dry deposition fluxes of heavy metals in the Bursa Atmosphere, Postgraduate, C.Kural(Student), 2004

TAŞDEMİR Y., Wastewaters originated from the city center of Bursa, their treatments and their effects to the Nilüfer Creek, Postgraduate, A.Giray(Student), 2002

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Gas/particle partitioning of PCDD/Fs: Distributions and implications for available models**
Gülegen B., Noori A. A., TAŞDEMİR Y.
Science of the Total Environment, vol.949, 2024 (SCI-Expanded)
- II. **Urban air PCDD/Fs: Dry deposition fluxes and mass transfer coefficients determined using a water surface sampler**
Noori A. A., Gülegen B., TAŞDEMİR Y.
Chemosphere, vol.363, 2024 (SCI-Expanded)
- III. **Urban air PCDD/Fs: Atmospheric concentrations, temporal changes, gas/particle partitioning, possible sources and cancer risks**
Gülegen B., Noori A. A., TAŞDEMİR Y.
Science of the Total Environment, vol.934, 2024 (SCI-Expanded)
- IV. **Atmospheric dry deposition fluxes of trace elements measured in Bursa, Turkey**
Tasdemir Y., Kural C.
ENVIRONMENTAL POLLUTION, vol.138, no.3, pp.462-472, 2005 (SCI-Expanded)
- V. **Monitoring of criteria air pollutants in Bursa, Turkey**
Tasdemir Y., Cindoruk S. S., Esen F.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.110, pp.227-241, 2005 (SCI-Expanded)
- VI. **Evaluation of NO_x and O₃ concentrations in the atmosphere of Bursa, Turkey**
Esen F., Tasdemir Y., Cindoruk S.
ENVIRONMENTAL FORENSICS, vol.6, no.3, pp.311-317, 2005 (SCI-Expanded)

Supported Projects

Yamankaradeniz N., Taşdemir Y., Etemoğlu A. B., Avcı A., Karpaz F., Yavuz N., Kaynaklı Ö., Yamankaradeniz R., Project Supported by Other Official Institutions, 400 ton/gün kapasiteli akışkan yataklı çamur yakma ve enerji elde etme tesisi yapım işi teknik danışmanlık ve araştırma-geliştirme, 2014 - 2017

Metrics

Publication: 124

Citation (WoS): 2271

Citation (Scopus): 2466

H-Index (WoS): 27

H-Index (Scopus): 28

Awards

Taşdemir Y., Yurtdışı Lisansüstü Eğitim Bursu (Doktora), Bursa Uludağ Üniversitesi, December 1992

Taşdemir Y., Yurtdışı Lisansüstü Öğrenim Bursu (Yüksek Lisans), Milli Eğitim Bakanlığı, January 1990

Taşdemir Y., Bölüm Birincisi, Dokuz Eylül Üniversitesi, September 1989

Non Academic Experience

Public Corporation, Devlet Su İşleri Genel Müdürlüğü, Arıtma Dairesi

DSİ

ARTES Arıtma Tesisi