

# Prof. ÜLKÜ YETİŞ

## Personal Information

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## International Researcher IDs

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ScopusID: 7003290225

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## Education Information

Doctorate, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, Turkey  
1982 - 1988

Postgraduate, University of Pittsburgh, Chemical Engineering, United States Of America 1981 - 1982

Undergraduate, Middle East Technical University, Faculty of Engineering, Department of Chemical Engineering, Turkey  
1977 - 1981

## Dissertations

Doctorate, Effects of Heavy Metals on Activated Sludge Process, Middle East Technical University, Faculty of Engineering,  
Department of Environmental Engineering, 1988

Postgraduate, Effect of Operational Parameters on Coal Dewatering, University Of Pittsburgh, Chemical Engineering,  
1982

## Research Areas

Environmental Engineering, Engineering and Technology

## Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 1998 -  
Continues

Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering,  
1992 - 1998

Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering,  
1988 - 1992

Lecturer PhD, Middle East Technical University, Faculty of Engineering, Department of Environmental Engineering, 1985  
- 1989

## Advising Theses

- YETİŞ Ü., A life cycle assessment of the membrane processes applied for salt recovery in reactive dyeing, Postgraduate, N.ZEYNEP(Student), 2022
- DİLEK F. B., YETİŞ Ü., The removal of phorate from water by adsorption on powdered activated carbon and chabazite, Postgraduate, C.POLAT(Student), 2022
- YETİŞ Ü., Life cycle assessment of activated carbon adsorption and ozonation to remove micropollutants from textile wastewater, Postgraduate, A.SENA(Student), 2022
- YETİŞ Ü., Ecodesign and energy labelling legislation as a driver of innovation: A qualitative analysis for Turkish industry, Postgraduate, B.KARAGÖZ(Student), 2022
- YETİŞ Ü., A risk-based monitoring and control strategy for micropollutants in a river basin, Doctorate, T.PİLEVNELİ(Student), 2022
- YETİŞ Ü., Interfacial chemical behaviors and synergistic effects of potassium hydroxide and urea-modified sewage sludge biochar on phorate removal from water, Postgraduate, B.BAŞER(Student), 2021
- YETİŞ Ü., Occurrence and load of micropollutants discharged from urban and industrial wastewater treatment plants to receiving environment in the Yeşilirmak River Basin, Postgraduate, İ.İNCE(Student), 2021
- YETİŞ Ü., Sericin protein recovery from silk degumming wastewater in pilot scale via membrane hybrid processes, Postgraduate, M.GENÇTÜRK(Student), 2021
- YETİŞ Ü., Assessing the potential benefits from the application of best available techniques in the textile industry, Postgraduate, M.GÜLVEREN(Student), 2021
- Yetiş Ü., Şahin S. Z., Defining new political tools for municipal solid waste management of Ankara metropolitan municipality after revision of metropolitan municipality law in 2014, Postgraduate, A.EMİR(Student), 2019
- Yetiş Ü., Kınacı C., Cost of reducing micropollutant load from urban wastewater treatment plants in Turkey, Postgraduate, A.ATEŞ(Student), 2019
- Dilek F. B., Yetiş Ü., Fate and removal of pesticides in wastewater treatment plants – case of yeşilirmak basin, Postgraduate, K.KOCAMAN(Student), 2019
- Dilek F. B., Yetiş Ü., Determination of groundwater threshold values: A methodology applied to gediz basin, Postgraduate, O.FATİH(Student), 2019
- Yetiş Ü., Dilek F. B., Fate and removal of pesticides in wastewater treatment plants – case of yeşilirmak basin, Postgraduate, K.KOCAMAN(Student), 2019
- Dilek F. B., Yetiş Ü., The removal of acetonitrile from water by adsorption using carbon nanotubes, Postgraduate, P.YILMAZ(Student), 2019
- YETİŞ Ü., Identification of specific pollutants in Yeşilirmak River Basin by using COMMPS and NORMAN prioritization methods, Postgraduate, E.ERCIYAS(Student), 2018
- YETİŞ Ü., Development of a methodology for identification and control of the chemicals of the greatest concern: Yeşilirmak River Basin case study, Doctorate, E.KÜÇÜK(Student), 2018
- YETİŞ Ü., Assessment of responsible sectors having considerable pollution load in Yeşilirmak river basin, Turkey, Postgraduate, E.Erdem(Student), 2018
- YETİŞ Ü., ASSESSMENT OF RESPONSIBLE SECTORS HAVING CONSIDERABLE POLLUTION LOAD IN YESILIRMAK RIVER BASIN, TURKEY, Postgraduate, E.ERDEM(Student), 2018
- YETİŞ Ü., Monitoring and evaluation systems for urban infrastructure services: A comparison of the systems applied by Turkish authorities and international financing institutions, Postgraduate, C.YILDIZ(Student), 2017
- ÇULFAZ EMECEN P. Z., YETİŞ Ü., Process optimization on clean water recovery from real reactive dyeing effluents by nanofiltration, Postgraduate, B.KOÇER(Student), 2017
- ÇULFAZ EMECEN P. Z., YETİŞ Ü., Fouling analysis for different ultrafiltration membranes in reactive dyeing wastewater treatment, Postgraduate, R.DİLARA(Student), 2017
- Yetiş Ü., Dilek F. B., Ranking of pesticides according to leaching potentials to groundwater for the selected river basins in Turkey – index-based approach, Postgraduate, A.ECE(Student), 2016
- ÇULFAZ EMECEN P. Z., YETİŞ Ü., Treatment of reactive dyeing wastewater and recovery of brackish water by applying ultrafiltration, Postgraduate, M.ERKANLI(Student), 2016
- YETİŞ Ü., Substance flow analysis of mercury in Turkey for policy decision support, Postgraduate, D.CİVANCİK(Student),

2015

- YETİŞ Ü., Life Cycle Assessment of evaporative recovery of mercerization wastewater, Postgraduate, E.BAYAR(Student), 2015
- YETİŞ Ü., DİLEK F. B., Removal of triclosan from surface waters by ozonation: kinetics & removal mechanism/, Postgraduate, K.Berk(Student), 2014
- YETİŞ Ü., GÜNEŞ Ş., Implementation of article 12 of Seveso II directive in Turkey, Postgraduate, D.BAŞ(Student), 2014
- YETİŞ Ü., Substance flow analysis of nonylphenol and nonylphenol ethoxylates in Turkey, Postgraduate, C.KARAKAŞ(Student), 2014
- YETİŞ Ü., DİLEK F. B., Triclosan in biological wastewater treatment: fate, kinetics and population dynamics aspects /, Postgraduate, A.Koç(Student), 2014
- Yetiş Ü., Dilek F. B., Triclosan in biological wastewater treatment: Fate, kinetics and population dynamics aspects, Postgraduate, A.KOÇ(Student), 2014
- Yetiş Ü., Dilek F. B., Removal of triclosan from surface waters by ozonation: Kinetics and removal mechanism, Postgraduate, K.BERK(Student), 2014
- YETİŞ Ü., GÜNEŞ Ş., Implementation of article 12 of Seveso II directive in Turkey, Postgraduate, D.Baş(Student), 2014
- Yetiş Ü., Dilek F. B., Triclosan removal by nanofiltration from surface water, Postgraduate, A.ÖGÜTVERİCİ(Student), 2013
- YETİŞ Ü., KARADENİZDE ÇEVRESEL GÜVENLİK, Doctorate, A.ESİN(Student), 2013
- Yetiş Ü., Dilek F. B., Investigation of occurrence and fate of biocides in wastewater treatment plants and surface waters, Postgraduate, M.YAVUZ(Student), 2013
- DİLEK F. B., YETİŞ Ü., Investigation of occurrence and fate of biocides in wastewater treatment plants and surface waters, Postgraduate, M.Yavuz(Student), 2013
- ALP E., YETİŞ Ü., Evaluation of best environmental management practices of an integrated iron and steel plant, Postgraduate, N.ÇAKIR(Student), 2012
- Yetiş Ü., Dilek F. B., Comparison of sub-processes and final products of iron and steel production with life cycle assessment, Postgraduate, G.ÖLMEZ(Student), 2011
- YETİŞ Ü., Hazardous waste management system design for Turkey, Doctorate, Ö.YILMAZ(Student), 2011
- YETİŞ Ü., Drinking water quality in Ankara: A monitoring study, Postgraduate, G.TEZCE(Student), 2010
- YETİŞ Ü., Ozonation of a denim producing textile industry wastewater?Process optimization, Postgraduate, E.KAAN(Student), 2010
- YETİŞ Ü., Ozonation of a denim producing textile industry wastewater-process optimization, Postgraduate, E.Kaan(Student), 2010
- YETİŞ Ü., Sulphate removal by nanofiltration from water, Postgraduate, A.KARABACAK(Student), 2010
- YETİŞ Ü., Indigo dyeing wastewater treatment by the membrane based filtration process, Postgraduate, M.ÜNLÜ(Student), 2008
- YETİŞ Ü., Caustic recovery from highly alkaline denim mercerizing wastewaters using membrane technology, Postgraduate, C.VAROL(Student), 2008
- YETİŞ Ü., Improvements in energy and water consumption performances of a textile mill after bat applications, Postgraduate, A.MERVE(Student), 2008
- YETİŞ Ü., An integrated decision-support system for industrial accidents, Doctorate, S.GİRGİN(Student), 2008
- YETİŞ Ü., Risk assessment for a denim manufacturing plant in Turkey, Postgraduate, M.MUNGAN(Student), 2008
- YETİŞ Ü., Assessment of the best available wastewater management techniques for a textile mill: Cost and benefit analysis, Postgraduate, B.DOĞAN(Student), 2008
- YETİŞ Ü., Disinfection by-products formation in low-bromide and low-SUVA waters, Doctorate, N.ATEŞ(Student), 2008
- YETİŞ Ü., Biological and chemical sludge filtration, Doctorate, H.YÜKSELER(Student), 2007
- YILMAZ L., YETİŞ Ü., Recovery and reuse of indigo dyeing wastewater using membrane technology, Doctorate, N.UZAL(Student), 2007
- YETİŞ Ü., Hazardous waste inventory of Turkey, Postgraduate, Ö.YILMAZ(Student), 2006
- YILMAZ L., YETİŞ Ü., Development of a membrane based treatment scheme for water recovery from textile effluents, Doctorate, G.ÇAPAR(Student), 2005
- YETİŞ Ü., Removal of lead using anaerobic biomass, Postgraduate, E.TOKCAER(Student), 2003
- YETİŞ Ü., Effect of extracellular polymer composition of activated sludge on the removal of heavy metals by biosorption,

Postgraduate, B.Yüncü(Student), 2003

YETİŞ Ü., Effect of extracellular polymer composition of activated sludge on the removal of heavy metals by biosorption, Postgraduate, B.YÜNCÜ(Student), 2003

Yetiş Ü., Dilek F. B., Enhanced coagulation of raw water of Ankara city, Postgraduate, E.ATLI(Student), 2002

YETİŞ Ü., ÜNLÜ K., Comparison of leaching tests for hazardous waste characterization, Postgraduate, N.ANBARYAPAN(Student), 2001

YETİŞ Ü., Life cycle assessment of municipal solid waste treatment methods: Ankara case study, Postgraduate, D.ÖZELER(Student), 2001

Yetiş Ü., Dilek F. B., Kinetic aspects of decolorization of pulp and paper industry wastewaters by algae, Doctorate, E.TARLAN(Student), 2001

YETİŞ Ü., Use of environmental performance indicators to promote cleaner technologies in small and medium sized cotton textile wet processing industry, Postgraduate, M.Mirata(Student), 2000

YETİŞ Ü., Biosorption of nickel and lead by phanerochaete chrysosporium type white rot fungus from a binary metal system, Doctorate, İ.HALUK(Student), 2000

YETİŞ Ü., Heavy metal biosorption by anaerobic biomass, Postgraduate, B.HAYTOĞLU(Student), 2000

YETİŞ Ü., Use of environmental performance indicators to promote cleaner technologies in small and medium sized cotton textile wet processing industry, Postgraduate, M.MİRATA(Student), 2000

YETİŞ Ü., Non-market valuation of environmental damage: a case study on Yusufeli dam and hydroelectric power plant, Postgraduate, E.Alp(Student), 1999

YETİŞ Ü., Existing situation in Ankara water distribution system in terms of total trihalomethanes and organic matter, Postgraduate, B.TOKMAK(Student), 1999

YETİŞ Ü., A Case study valuation of environmental damage: A case study on Yusufeli Dam and hydroelectric power plant, Postgraduate, E.ALP(Student), 1999

YETİŞ Ü., Seasonal variation of characteristics and THMFP of Çamlıdere and Kurtboğazi reservoir waters, Postgraduate, O.GÜR(Student), 1999

YETİŞ Ü., The Removal of trihalomethane precursors by activated carbon treatment, Postgraduate, G.KESİKTAŞ(Student), 1998

YETİŞ Ü., Nickel sorption by activated sludge, Postgraduate, B.ARICAN(Student), 1998

YETİŞ Ü., Heavy metal biosorption by polyporous versicolor, Postgraduate, A.Erbay(Student), 1997

YETİŞ Ü., Biosorption of lead by a white-rot fungus, Postgraduate, A.DÖLEK(Student), 1997

YETİŞ Ü., Heavy metal biosorption by polyporous versicolor, Postgraduate, A.ERBAY(Student), 1997

ÖZGEN C., YETİŞ Ü., Improvements of the bleaching process of Dalaman Pulp and Paper Plant to reduce the environmental impacts, Postgraduate, M.Hafız(Student), 1997

YETİŞ Ü., Characterization of chlorine dioxide bleached pulp effluents, Postgraduate, Ş.H.(Student), 1996

YETİŞ Ü., Cr (III) and Zn (II) removal origination from a synthetic chromium plating wastewater by coprecipitation, Postgraduate, G.ARAT(Student), 1996

YETİŞ Ü., Characterization of chlorine dioxide bleached pulp effluents, Postgraduate, Ş.M(Student), 1996

YETİŞ Ü., CR(III) and ZN(II) removal originating from a synthetic chromium plating wastewater by coprecipitation, Postgraduate, G.Arat(Student), 1996

YETİŞ Ü., Respirometric study of bod-effects of metals., Postgraduate, M.Lüle(Student), 1996

YETİŞ Ü., Respirometric study of BOD. Effects of metals, Postgraduate, M.LÜLE(Student), 1996

YETİŞ Ü., An Approach for reducing aox in the bleaching effluents of A Turkish pulp and paper plant : A case study, Postgraduate, A.SELÇUK(Student), 1994

YETİŞ Ü., Optimization of the coagulation process towards simultaneous removals of THM precursors and turbidity - A case study, Postgraduate, A.Tuncer(Student), 1994

YETİŞ Ü., Optimization of the coagulation process towards simultaneous removals of THM precursors and turbidity-a case study, Postgraduate, A.TUNCER(Student), 1994

YETİŞ Ü., Chemical precipitation of heavy metals-comparison of calcium hydroxide and magnesium hydroxide in precipitating divalent cadmium and trivalent chromium, Postgraduate, E.ESKENDARNAJAD(Student), 1994

YETİŞ Ü., Effects of waste activated sludge on primary setting, Postgraduate, E.TARLAN(Student), 1994

YETİŞ Ü., ATİMTAY A., Effects of waste activated sludge on primary settling, Postgraduate, E.Tarlan(Student), 1994

YETİŞ Ü., Effects of Ni (II) on BOD exertion modelling of the bod curve, Postgraduate, G.YÜCEL(Student), 1992  
YETİŞ Ü., Effects of (II) on bod exertion modelling of the bod curve., Postgraduate, G.Yücel(Student), 1992  
YETİŞ Ü., Stimulative effects of chromium (VI) on activated sludge process, Postgraduate, G.N.(Student), 1991

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

- I. **Assessment of the implementation status of best available techniques for cleaner production in the textile industry**  
Yaman M. E., Ozturk E., YETİŞ Ü., KİTİŞ M.  
Frontiers of Environmental Science and Engineering, vol.18, no.8, 2024 (SCI-Expanded)
- II. **A life cycle assessment of the membrane processes applied for salt recovery from reactive dyeing wastewater**  
ŞİMŞEK N. Z., YETİŞ Ü.  
Sustainable Chemistry and Pharmacy, vol.39, 2024 (SCI-Expanded)
- III. **Resource utilization in the sub-sectors of the textile industry: opportunities for sustainability**  
KIR A., Ozturk E., YETİŞ Ü., KİTİŞ M.  
Environmental Science and Pollution Research, vol.31, no.17, pp.25312-25328, 2024 (SCI-Expanded)
- IV. **Sulfate removal from drinking water by commercially available nanofiltration membranes: A parametric study**  
Karabacak A., Dilek F. B., Yılmaz L., Kitiş M., Yetiş Ü.  
Desalination and Water Treatment, vol.205, pp.296-307, 2020 (SCI-Expanded)
- V. **Identification of management strategies and generation factors for spent lead acid battery recovery plant wastes in Turkey**  
ÇELEBİ S., YETİŞ Ü., ÜNLÜ K.  
WASTE MANAGEMENT & RESEARCH, vol.37, no.3, pp.199-209, 2019 (SCI-Expanded)
- VI. **Identification of waste management strategies and waste generation factors for thermal power plant sector wastes in Turkey**  
Demir C., YETİŞ Ü., ÜNLÜ K.  
WASTE MANAGEMENT & RESEARCH, vol.37, no.3, pp.210-218, 2019 (SCI-Expanded)
- VII. **A new screening index for pesticides leachability to groundwater**  
DEMİR A. E. A., DİLEK F. B., YETİŞ Ü.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.231, pp.1193-1202, 2019 (SCI-Expanded)
- VIII. **Fate of triclosan in laboratory-scale activated sludge reactors - Effect of culture acclimation**  
ORHON A. K., ORHON K. B., YETİŞ Ü., DİLEK F. B.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.216, pp.320-327, 2018 (SCI-Expanded)
- IX. **Substance flow analysis of mercury in Turkey for policy decision support**  
Civancik D., YETİŞ Ü.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.25, no.4, pp.2996-3008, 2018 (SCI-Expanded)
- X. **Triclosan removal from surface water by ozonation - Kinetics and by-products formation**  
ORHON k. b., ORHON a. k., DİLEK F. B., YETİŞ Ü.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.204, pp.327-336, 2017 (SCI-Expanded)
- XI. **Analysis of the best available techniques for wastewaters from a denim manufacturing textile mill**  
YÜKSELER h., UZAL N., ŞAHİNKAYA E., KİTİŞ M., DİLEK F. B., YETİŞ Ü.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.203, pp.1118-1125, 2017 (SCI-Expanded)
- XII. **Hazardous waste management system design under population and environmental impact considerations**  
Yılmaz O., Kara B. Y., YETİŞ Ü.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.203, pp.720-731, 2017 (SCI-Expanded)
- XIII. **Brackish water recovery from reactive dyeing wastewater via ultrafiltration**  
Erkanlı M., Yılmaz L., Çulfaz Emecen P. Z., Yetiş Ü.

- JOURNAL OF CLEANER PRODUCTION, vol.165, pp.1204-1214, 2017 (SCI-Expanded)
- XIV. **Hazardous wastes and waste generation factors for plastic products manufacturing industries in Turkey**  
ÖNCEL M. S., BEKTAŞ N., BAYAR S., ENGİN G., ÇALIŞKAN Y., Salar L., YETİŞ Ü.  
SUSTAINABLE ENVIRONMENT RESEARCH, vol.27, no.4, pp.188-194, 2017 (SCI-Expanded)
- XV. **Sustainable textile production: cleaner production assessment/eco-efficiency analysis study in a textile mill**  
Ozturk E., KÖSEOĞLU H., KARABOYACI M., YİĞİT N. Ö., YETİŞ Ü., KİTİŞ M.  
JOURNAL OF CLEANER PRODUCTION, vol.138, pp.248-263, 2016 (SCI-Expanded)
- XVI. **Ozonation pre and post-treatment of denim textile mill effluents: Effect of cleaner production measures**  
Morali E. K., UZAL N., YETİŞ Ü.  
JOURNAL OF CLEANER PRODUCTION, vol.137, pp.1-9, 2016 (SCI-Expanded)
- XVII. **Hazardous waste generation in Turkish pesticide industry**  
Babuna F. F., Toröz İ., AVŞAR E., YETİŞ Ü.  
DESALINATION AND WATER TREATMENT, vol.57, no.54, pp.26280-26285, 2016 (SCI-Expanded)
- XVIII. **The environmental impacts of iron and steel industry: a life cycle assessment study**  
Olmez G. M., DİLEK F. B., Karanfil T., YETİŞ Ü.  
JOURNAL OF CLEANER PRODUCTION, vol.130, pp.195-201, 2016 (SCI-Expanded)
- XIX. **Minimization of water and chemical use in a cotton/polyester fabric dyeing textile mill**  
Ozturk E., KÖSEOĞLU H., KARABOYACI M., YİĞİT N. Ö., YETİŞ Ü., KİTİŞ M.  
JOURNAL OF CLEANER PRODUCTION, vol.130, pp.92-102, 2016 (SCI-Expanded)
- XX. **Evaluation of Environmental Performance Based on Proximity to Bat Associated Resource Utilization and Emission Values: A Case Study in a Steel-Making Industry**  
ÇAKIR N., ALP E., YETİŞ Ü.  
WASTE AND BIOMASS VALORIZATION, vol.7, no.4, pp.975-993, 2016 (SCI-Expanded)
- XXI. **Triclosan removal by NF from a real drinking water source - Effect of natural organic matter**  
OGUTVERİCİ A., YILMAZ L., YETİŞ Ü., DİLEK F. B.  
CHEMICAL ENGINEERING JOURNAL, vol.283, pp.330-337, 2016 (SCI-Expanded)
- XXII. **Solid waste management scenarios for Cetinje in Montenegro**  
YETİŞ Ü., Jakobsen J. B., DİLEK F. B., Kiyik E., Mugosa S., Novovic J., Kerestecioglu M.  
WASTE MANAGEMENT & RESEARCH, vol.33, no.5, pp.477-485, 2015 (SCI-Expanded)
- XXIII. **Biocides in drinking water system of Ankara, Turkey**  
YAVUZ M., Oggioni M., YETİŞ Ü., DİLEK F. B.  
DESALINATION AND WATER TREATMENT, vol.53, no.12, pp.3253-3262, 2015 (SCI-Expanded)
- XXIV. **Recovery of caustic from mercerizing wastewaters of a denim textile mill**  
Varol C., UZAL N., DİLEK F. B., KİTİŞ M., YETİŞ Ü.  
DESALINATION AND WATER TREATMENT, vol.53, no.12, pp.3418-3426, 2015 (SCI-Expanded)
- XXV. **Evaluation of Integrated Pollution Prevention Control in a textile fiber production and dyeing mill**  
Ozturk E., KARABOYACI M., YETİŞ Ü., YİĞİT N. Ö., KİTİŞ M.  
JOURNAL OF CLEANER PRODUCTION, vol.88, pp.116-124, 2015 (SCI-Expanded)
- XXVI. **Is adsorption an artifact in experimentation with Triclosan?**  
Koc A., Orhon K. B., Ogutverici A., YILMAZ L., Furi L., Oggioni M. R., DİLEK F. B., YETİŞ Ü.  
DESALINATION AND WATER TREATMENT, vol.52, pp.7101-7107, 2014 (SCI-Expanded)
- XXVII. **Use of theoretical waste inventories in planning and monitoring of hazardous waste management systems**  
Yilmaz O., Can Z. S., Toröz İ., DOĞAN O., Oncel S., ALP E., DİLEK F. B., Karanfil T., YETİŞ Ü.  
WASTE MANAGEMENT & RESEARCH, vol.32, no.8, pp.763-771, 2014 (SCI-Expanded)
- XXVIII. **Evaluation of epidemiological cut-off values indicates that biocide resistant subpopulations are uncommon in natural isolates of clinically-relevant microorganisms**  
Morrissette I., Oggioni M. R., Knight D., Curiao T., Coque T., KALKANCI A., Martinez J. L., Baldassarri L., Orefici G.,

YETİŞ Ü., et al.

PLoS ONE, vol.9, no.1, 2014 (SCI-Expanded)

- XXIX. **Purification and Concentration of Caustic Mercerization Wastewater by Membrane Processes and Evaporation for Reuse**  
Tunç M. S., Yılmaz L., Yetiş Ü., Çulfaz Emecen P. Z.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.49, pp.1968-1977, 2014 (SCI-Expanded)
- XXX. **Implementation of the European Union's Nitrates Directive in Turkey**  
YETİŞ Ü., Yukseler H., Valatka S., Girgin S., Semeniene D., Kerestecioglu M., Jacobsen M.  
DESALINATION AND WATER TREATMENT, vol.51, pp.4171-4182, 2013 (SCI-Expanded)
- XXXI. **Challenges in Development and Implementation of Health-Risk-Based Soil Quality Guidelines: Turkey's Experience**  
KENTEL E., AKSOY A., Buyuker B., Dilek F. B., Girgin S., Ipek M. H., Polat S., YETİŞ Ü., ÜNLÜ K.  
RISK ANALYSIS, vol.31, no.4, pp.657-667, 2011 (SCI-Expanded)
- XXXII. **Current practices in hazardous waste management in Turkey**  
Yılmaz O., Dogru B., YETİŞ Ü.  
DESALINATION AND WATER TREATMENT, vol.26, pp.111-117, 2011 (SCI-Expanded)
- XXXIII. **Hazardous waste management in Turkey: current legislative requirements and future challenges**  
YIGIT C., MADEN G., DISA N., YILMAZ O., OGUTVERİCİ A., ALP E., ÜNLÜ K., Gokcay C. F., DİLEK F. B., DOĞAN O., et al.  
DESALINATION AND WATER TREATMENT, vol.26, pp.152-159, 2011 (SCI-Expanded)
- XXXIV. **Application of the contingent valuation method in a developing country: a case study of the Yusufeli Dam in northeast Turkey**  
ALP E., YETİŞ Ü.  
WATER SCIENCE AND TECHNOLOGY, vol.62, no.1, pp.99-105, 2010 (SCI-Expanded)
- XXXV. **Assessment of the best available wastewater management techniques for a textile mill: Cost and benefit analysis**  
Dogan B., Kerestecioglu M., YETİŞ Ü.  
Water Science and Technology, vol.61, no.4, pp.963-970, 2010 (SCI-Expanded)
- XXXVI. **Nanofiltration and Reverse Osmosis for Reuse of Indigo Dye Rinsing Waters**  
Uzal N., YILMAZ L., YETİŞ Ü.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.45, no.3, pp.331-338, 2010 (SCI-Expanded)
- XXXVII. **Adoption of European Union's IPPC Directive to a textile mill: Analysis of water and energy consumption**  
Kocabas A. M., Yukseler H., DİLEK F. B., YETİŞ Ü.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.91, no.1, pp.102-113, 2009 (SCI-Expanded)
- XXXVIII. **Implementation of the European Union's Bathing Water Directive in Turkey**  
Yukseler H., Girgin S., YETİŞ Ü., Valatka S., Semeniene D., Kerestecioglu M., Jacobsen M.  
JOURNAL OF ENVIRONMENTAL MANAGEMENT, vol.90, no.8, pp.2780-2784, 2009 (SCI-Expanded)
- XXXIX. **Indigo dyeing wastewater reclamation by membrane-based filtration and coagulation processes**  
Unlu M., Yukseler H., YETİŞ Ü.  
DESALINATION, vol.240, pp.178-185, 2009 (SCI-Expanded)
- XL. **Microfiltration/ultrafiltration as pretreatment for reclamation of rinsing waters of indigo dyeing**  
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- XXXV. **Implementation of European Union Water Framework Directive in Turkey - Management of Dangerous Substances**  
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- XXXIX. **Nanofiltration for the Removal of Sulfate in Drinking Water Resources**  
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- XL. **Cross media effect and financial analysis of best available techniques for an integrated iron and steel plant**  
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- XLI. **Analysis of the Best Available Techniques BAT for Wastewater Emissions from a Denim Manufacturing Textile Mill**  
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- XLII. **Analysis of the Best Available Techniques for Wastewaters from a Denim Manufacturing Textile Mill**  
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- XLIII. **Membran Prosesler ve Oluşacak Atık Suyun Bertarafı**  
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IV. OSB ÇEVRE ZİRVESİ, Turkey, 27 - 29 May 2016
- XLIV. **Process Optimization on Water Recovery From Real Reactive Dyeing Effluents**  
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- XLV. **Recovery and reuse of reactive dyeing wastewater by ultrafiltration**  
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- XLVI. **Modern practices in the management of waste from iron and steel industry**

- YETİŞ Ü., ÇAKIR N., GÜLNUR M., ALP E., DİLEK F. B.  
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- XLVII. **Modern Practices in the Management of Wastefrom Iron and Steel Industry**  
YETİŞ Ü., ÇAKIR N., MADEN G., ALP E., DİLEK F. B.  
4TH INTERNATIONAL SYMPOSIUM ON ADVANCED MATERIALS, 12 - 16 October 2015
- XLVIII. **Tehlikeli Maddelerin Kontrolünde Membran Teknolojileri**  
YETİŞ Ü.  
4. Ulusal Membran Teknolojileri ve Uygulamaları Sempozyumu, Turkey, 7 - 08 October 2015
- XLIX. **Reaktif Boyama Atıksularının Ultrafiltrasyon ile Geri Kazanımı**  
ERKANLI M., YILMAZ L., YETİŞ Ü., ÇULFAZ EMECEN P. Z.  
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- L. **Teorik Atık Envanteri Geliştirilmesi Tehlikeli Atık Yönetim Sistemlerinde Kullanımı**  
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- LI. **Development of a National Set of Environmental Performance Indicators**  
ÇAPAR G., YETİŞ Ü.  
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- LII. **Evaluation of environmental performance based on proximity to BAT associated resource utilization and emission values A case study in a steel making industry**  
ÇAKIR N., ALP E., YETİŞ Ü.  
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- LIII. **Exploring Stabilization Alternatives for a Lime-Softening Sludge with a High Organic Content**  
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- LIV. **Purification and concentration of caustic mercerization wastewater by membrane processes and evaporation**  
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International Conference on Applications of Nanotechnology in Membranes for Water Treatment, İzmir, Turkey, 8 - 10 October 2013
- LV. **Tekstil endüstrisi alkali atıksularından basınç sürücülü membran prosesleriyle kostik geri kazanımı**  
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3. Ulusal Membran Teknolojileri ve Uygulamaları Sempozyumu, Elazığ, Turkey, 26 - 27 September 2013
- LVI. **Membran prosesleri ve buharlaştırma ile kot kumaşı üretim tekstil endüstrisi merserizasyon prosesi atıksularından kostik geri kazanımı**  
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3. Ulusal Membran Teknolojileri ve Uygulamaları Sempozyumu, Elazığ, Turkey, 26 - 27 September 2013
- LVII. **Effect of Triclosan on the Selection of Antibiotic Resistance in Sludge from Wastewater Treatment Plants**  
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- LVIII. **Water Reuse Strategies: Iron and Steel Industry Case Study**  
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- LIX. **Endüstriyel kaynaklı kirlenmiş sahalar için çevre yönetim sistemi**  
ÜNLÜ K., GÜVENER M., GİRGİN S., YETİŞ Ü., DİLEK F. B., AKSOY A., BÜYÜKER B., POLAT Ş.  
EKK 08, İstanbul, Turkey, 11 - 13 June 2008, pp.9-26
- LX. **ENVIRONMENTAL RISK ASSESSMENT OF A TEXTILE FACTORY IN TURKEY**  
Mungan M., Yetiş U.  
NATO Advanced Research Workshop on Energy and Environmental Challenges to Security, Budapest, Hungary, 21 - 23 November 2007, pp.415-427

- LXI. Formation of chlorination by-products in low-SUVA surface waters: Correlations with SUVA and differential UV spectroscopy**  
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- LXII. Water quality, pollution and conservation**  
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2. Ulusal Çevre Kirliliği Kontrolü Sempozyumu, Ankara, Turkey, 22 - 24 October 2003, pp.388-391
- LXIV. Use of GIS as a supporting tool for environmental risk assessment and emergency response plans**  
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- LXV. Heavy metal biosorption by white-rot fungi**  
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- LXVIII. Effects of Heavy Metals on Biological Activity in BOD Bottle Seed Biomass Concentration**  
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- LXIX. Chromium Stimulation of Activated Sludge**  
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## Supported Projects

Yetiş Ü., Dilek F. B., Kurt Z., Çapar G., Pilevneli T., Küçük E., Kaplan Bekaroğlu Ş. Ş., Ülgüdür N., Project Supported by Other Official Institutions, ATIK BEYAN SİSTEMİNE DENETİM KABİLİYETİ KAZANDIRILMASI VE ATIK YÖNETİMİNİN İYİLEŞTİRİLMESİ PROJESİ, 2019 - 2020

Yetiş Ü., Dilek F. B., Yılmazel Tokel Y. D., Küçük E., Pilevneli T., Ülgüdür N., Project Supported by Other Official Institutions,



ATIK ARA DEPOLAMA TESİSLERİNE İLİŞKİN KRİTER VE ESASLARIN BELİRLENMESİ PROJESİ, 2019 - 2020

Yetiş Ü., Project Supported by Other Official Institutions, Türkiye Deniz Çevresi Stratejisinin Oluşturulması Projesi - Önlemlerin Programına ait maliyetlerinin belirlenmesi ve Çevresel Yatırımlar, 2019 - 2020

Yetiş Ü., Dilek F. B., Bayramoğlu T. H., Project Supported by Other Official Institutions, Belirli Sektörlerde Temiz Üretim Uygulamaları Projesi (BESTÜ), 2019 - 2019

Yetiş Ü., Project Supported by Other Official Institutions, Minamata Sözleşmesine Uyum, 2019 - 2019

Yetiş Ü., Dilek F. B., Project Supported by Other Official Institutions, İçme Suyu Havzalarında Güneş Enerji santrallerinin (GES) Olası Etkilerinin Değerlendirilmesi, 2018 - 2018

Dilek F. B., Yetiş Ü., Project Supported by Other Official Institutions, İçme Suyu Havzalarında Güneş Enerjisi Santrallerinin (GES) Olası Etkilerinin Değerlendirilmesi, 2018 - 2018

Dilek F. B., Yetiş Ü., Ünlü K., Project Supported by Other Official Institutions, Alıcı Ortam Kriterleri Bazında Deşarj Standartlarını Belirleme ve Uygulama Yöntemlerinin Geliştirilmesi Projesi, 2016 - 2018

Dilek F. B., Yetiş Ü., Çelik Madenli E., EU Supported Other Project, Technical Assistance for Strengthening the Capacity of Ministry of Environment and Urbanization on EIA (Sektörel ÇED Kılavuzlarının Hazırlanması), 2017 - 2017

Dilek F. B., Yetiş Ü., Ünlü K., Project Supported by Other Official Institutions, Sektörel Bazlı Tehlikeli Atık Üretimi ve Yönetimi Rehber Dokümanlarının Hazırlanması, 2016 - 2016

YETİŞ Ü., Project Supported by Other Private Institutions, Yeraltı Sularının Miktar ve Kalite Özelliklerinin Ortaya Konması ve Değerlendirilmesi Konusundaki Uygulamalar Gediz Havzası Örnek Çalışması Projesi Kapsamında Danışmanlık, 2016 - 2016

DİLEK F. B., YETİŞ Ü., Project Supported by Other Private Institutions, Yeraltı suyuna geçme potansiyeli olan kirleticilerin belirlenmesi, 2015 - 2015

ÇULFAZ EMECEN P. Z., Koçer B., YETİŞ Ü., Project Supported by Higher Education Institutions, REAKTİF BOYAMA ATIKSULARININ MEMBRAN SÜREÇLERİ İLE TEMİZ SU OLARAK GERİ KAZANIMI, 2014 - 2015

## Activities in Scientific Journals

Turkish Journal of Water Sciences and Management , Advisory Committee Member, 2018 - Continues

International Journal of Water and Wastewater Treatment , Committee Member, 2017 - Continues

## Memberships / Tasks in Scientific Organizations

JPI Water, Member of Advisory Board, 2018 - Continues, France

MÜDEK, Member, 2009 - Continues, Turkey

TEYDEB-BİYOTEG, Member of Advisory Board, 2017 - 2019, Turkey

## Scientific Refereeing

TUBITAK Project, 1501 - Industry R & D Projects Support Program, KİPAŞ MENSUCAT İŞLETMELERİ A.Ş, Turkey, August 2019

TUBITAK Project, 1501 - Industry R & D Projects Support Program, KİPAŞ MENSUCAT İŞLETMELERİ A.Ş, Turkey, August 2019

CHEMOSPHERE, SCI Journal, June 2019

Chemistry Africa, Other Indexed Journal, June 2019

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, May 2019

CHEMICAL ENGINEERING JOURNAL, SCI Journal, February 2019

APPLIED ENERGY, SCI Journal, January 2019

## **Tasks In Event Organizations**

Yetiř Ü., 14th SDEWES Conference, Scientific Congress, Croatia, Ekim 2019

Konstantinos M., Yetiř Ü., Dilek F. B., 7TH INTERNATIONAL CONFERENCE ON SUSTAINABLE SOLID WASTE MANAGEMENT, Scientific Congress, Greece, Haziran 2019

## **Metrics**

Publication: 188

Citation (WoS): 3000

Citation (Scopus): 3322

H-Index (WoS): 34

H-Index (Scopus): 34

## **Invited Talks**

Sanayi'de Su Verimlilięi, Workshop, SUEN, Turkey, March 2019

## **Non Academic Experience**

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University of Pittsburg