

## Assoc. Prof. Neslihan MANAV DEMİR

### Personal Information

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### Education Information

Doctorate, Yildiz Technical University, Faculty Of Civil Engineering, Çevre Mühendisliği, Turkey 2007 - 2012

Postgraduate, Yildiz Technical University, Faculty Of Civil Engineering, Çevre Mühendisliği, Turkey 2003 - 2006

Undergraduate, Trakya University, Çorlu Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 1998 - 2002

### Certificates, Courses and Trainings

Education Management and Planning, Summer School in Environmental Modelling, Technische Universitat Braunschweig, 2010

### Research Areas

Environmental Engineering, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2018 - Continues

Research Assistant PhD, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2012 - 2018

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2005 - 2012

Other, Tampere University of Technology, Natural Sciences, Department Of Chemistry And Bioengineering, 2009 - 2009

### Academic and Administrative Experience

Deputy Head of Department, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2018 - 2021

## Courses

### Doctorate

BİYOLOJİK SU ARITMA SİSTEMLERİ, Doctorate, 2018 - 2019

### Postgraduate

ANAEROBİK ARITMA PROSESLERİ, Postgraduate, 2018 - 2019

YÜKSEK LİSANS TEZİ, Postgraduate, 2019 - 2020, 2018 - 2019

### Undergraduate

BİTİRME ÇALIŞMASI, Undergraduate, 2018 - 2019

BİYOLOJİK TEMEL İŞLEMLER, Undergraduate, 2018 - 2019, 2017 - 2018

SU TEMİNİ, Undergraduate, 2019 - 2020, 2018 - 2019

ATIKSULARIN ARITILMASI, Undergraduate, 2019 - 2020

TASARIM PROJESİ, Undergraduate, 2019 - 2020, 2018 - 2019

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

- I. **Effluent parameters prediction of a biological nutrient removal (BNR) process using different machine learning methods: A case study**  
MANAV DEMİR N., Gelgor H. B., ÖZ E., İLHAN F., Altuntaş K., Tiwary A., DEBİK E.  
Journal of Environmental Management, vol.351, 2024 (SCI-Expanded)
- II. **Assessment of biochemical methane potential of dairy wastewater with different co-substrates and evaluation of different kinetic models**  
Unal E., MANAV DEMİR N.  
Environmental Monitoring and Assessment, vol.196, no.1, 2024 (SCI-Expanded)
- III. **Enrichment, characterization, and sand consolidation application of urease active calcite-producing bacteria**  
Kosma E. B., Manav Demir N., Civelek Yörüklü H., Özkaya B.  
Environmental science and pollution research international, vol.31, no.2, pp.2466-2480, 2024 (SCI-Expanded)
- IV. **Model-based fractionation of biomass in a biological nutrient removal system and its effect on the removal efficiencies**  
Manav Demir N.  
Journal of Environmental Health Science and Engineering, vol.21, no.1, pp.123-132, 2023 (SCI-Expanded)
- V. **Emerging pollutants removal in full-scale biological treatment plants: A case study**  
Altuntaş K., Manav Demir N., İlhan F., Gelgor H. B., Huddersman K., Tiwary A., Debik E.  
Journal of Water Process Engineering, vol.51, 2023 (SCI-Expanded)
- VI. **Comparison of Performances of Kinetic Models for Biomethane Production with Cheese Whey Mixtures**  
Manav Demir N., Unal E.  
WATER AIR AND SOIL POLLUTION, vol.233, no.8, 2022 (SCI-Expanded)
- VII. **Biodegradation of Emerging Pharmaceuticals from Domestic Wastewater by Membrane Bioreactor: The Effect of Solid Retention Time**  
Alobaidi R. A. K., ALTUNTAŞ K., Mhemid R. K. S., Manav-Demir N., ÇINAR Ö.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, vol.18, no.7, 2021 (SCI-Expanded)
- VIII. **Implementation of Activated Sludge Model No. 3 as an educational tool: bioXL3**  
DEMİR S., MANAV DEMİR N.  
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.28, no.5, pp.1154-1173, 2020 (SCI-Expanded)
- IX. **CARBON AND NUTRIENT REMOVAL FROM DOMESTIC WASTEWATERS IN A MODIFIED 5-STAGE BARDENPHO PROCESS VIA FUZZY MODELING APPROACH**  
Manav Demir N., Yıldırım A., Coskun T., Canbolat C. B., Debik E.  
ENVIRONMENT PROTECTION ENGINEERING, vol.45, 2019 (SCI-Expanded)

- X. **Determination of Microbial Community in a Pilot Scale Two-Stage Step-Feed Biological Nutrient Removal Process**  
MANAV DEMİR N., DEBİK E., ÖZKAYA B., COŞKUN T.  
Global Nest Journal, vol.21, pp.211-221, 2019 (SCI-Expanded)
- XI. **An MS excel add-in for teaching hydraulics of pipe flow in engineering curricula**  
Demir S., Duman S., Manav Demir N., Karadeniz A., Lubura E.  
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.26, pp.449-459, 2018 (SCI-Expanded)
- XII. **The impact of pretreatment and inoculum to substrate ratio on methane potential of organic wastes from various origins**  
Yoruklu H., Korkmaz E., Manav Demir N., Özkaya B., Demir A.  
JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT, vol.20, pp.800-809, 2018 (SCI-Expanded)
- XIII. **An MS Excel tool for water distribution network design in environmental engineering education**  
Demir S., Manav Demir N., Karadeniz A.  
COMPUTER APPLICATIONS IN ENGINEERING EDUCATION, vol.26, pp.203-214, 2018 (SCI-Expanded)
- XIV. **Investigating Biomass Formations at Different Depths in a Slow Sand Filter**  
Manav Demir N., Atçı E. B., Demir S., Karadeniz A.  
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.27, pp.1463-1474, 2018 (SCI-Expanded)
- XV. **AN MS EXCEL TOOL FOR WASTEWATER TREATMENT MODELING IN UNDERGRADUATE EDUCATION: ACTIVATED SLUDGE MODEL NO. 1**  
MANAV DEMİR N., DEMİR S.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.12, pp.7008-7017, 2017 (SCI-Expanded)
- XVI. **Comparison of microbial community structure in a biological nutrient removal process at various stages of operation**  
Manav Demir N., Debik E., Özkaya B., Coskun T.  
DESALINATION AND WATER TREATMENT, vol.57, pp.23675-23685, 2016 (SCI-Expanded)
- XVII. **Treatment of poultry slaughterhouse wastewater using a membrane process, water reuse, and economic analysis**  
Coskun T., Debik E., Kabuk H. A., Manav Demir N., Basturk I., Yıldırım B., Temizel D., Kucuk S.  
DESALINATION AND WATER TREATMENT, vol.57, pp.4944-4951, 2016 (SCI-Expanded)
- XVIII. **Experimental Study of Factors that Affect Iron and Manganese Removal in Slow Sand Filters and Identification of Responsible Microbial Species**  
Manav Demir N.  
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.25, pp.1453-1465, 2016 (SCI-Expanded)
- XIX. **Using Steepness Coefficient to Improve Artificial Neural Network Performance for Environmental Modeling**  
Demir S., Karadeniz A., Manav Demir N.  
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.25, pp.1467-1477, 2016 (SCI-Expanded)
- XX. **Artificial Neural Network Simulation of Cyclone Pressure Drop: Selection of the Best Activation Function in Iraq**  
Demir S., Karadeniz A., Manav Demir N.  
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.25, pp.1891-1899, 2016 (SCI-Expanded)
- XXI. **Electricity generation from organic fraction of municipal solid wastes in tubular microbial fuel cell**  
Karlulah A., KÖROĞLU E. O., Manav N., Cetinkaya A. Y., ÖZKAYA B.  
Separation and Purification Technology, vol.156, pp.502-511, 2015 (SCI-Expanded)
- XXII. **Electricity production by a microbial fuel cell fueled by brewery wastewater and the factors in its membrane deterioration**  
Cetinkaya A. Y., Köroğlu E. O., Manav Demir N., Baysoy D. Y., Ozkaya B., Çakmakçı M.  
Cuihua Xuebao/Chinese Journal of Catalysis, vol.36, no.7, pp.1068-1076, 2015 (SCI-Expanded)
- XXIII. **Performances of Reverse Osmosis Membranes for Treatment of Olive Mill Wastewater**  
Coskun T., Yildirim A., Balcik C., Manav Demir N., Debik E.  
CLEAN-SOIL AIR WATER, vol.41, pp.463-468, 2013 (SCI-Expanded)

- XXIV. **Optimization of energy costs in the pretreatment of olive mill wastewaters by electrocoagulation**  
Coskun T., İlhan F., Manav Demir N., Debik E., Kurt U.  
ENVIRONMENTAL TECHNOLOGY, vol.33, pp.801-807, 2012 (SCI-Expanded)
- XXV. **Operational Cost Comparison of Several Pre-Treatment Techniques for OMW Treatment**  
Coskun T., Debik E., Manav Demir N.  
CLEAN-SOIL AIR WATER, vol.40, pp.95-99, 2012 (SCI-Expanded)
- XXVI. **THE EFFECT OF CENTRIFUGATION AND ULTRAFILTRATION AS A PRELIMINARY TREATMENT AND PERFORMANCE OF REVERSE OSMOSIS MEMBRANES IN OLIVE OIL MILL WASTEWATER (OMW)**  
Coskun T., Demir N., DEBİK E.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, no.5, pp.1158-1164, 2012 (SCI-Expanded)
- XXVII. **Treatment of olive mill wastewaters by nanofiltration and reverse osmosis membranes**  
Coskun T., Debik E., Manav Demir N.  
DESALINATION, vol.259, pp.65-70, 2010 (SCI-Expanded)
- XXVIII. **Sequence optimization in a sequencing batch reactor for biological nutrient removal from domestic wastewater**  
Debik E., Manav N.  
BIOPROCESS AND BIOSYSTEMS ENGINEERING, vol.33, pp.533-540, 2010 (SCI-Expanded)
- XXIX. **Development of a modified Hardy-Cross algorithm for time-dependent simulations of water distribution networks**  
Demir S., Yetilmezsoy K., Manav N.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, pp.1045-1053, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Model-based investigation of the effects of reactors' hydraulic retention times on phosphorus removal efficiency in an AO process**  
YASAR S., MANAV DEMİR N., ATÇI E. B., DEMİR S.  
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.29, no.6, pp.636-641, 2023 (ESCI)
- II. **MODEL-BASED ANALYSIS OF THE EFFECTS OF RECYCLE RATIOS ON THE PERFORMANCE OF AN A<sup>2</sup>O PROCESS**  
Manav Demir N., Demir S.  
Sigma Journal of Engineering and Natural Sciences, vol.38, no.4, pp.1741-1751, 2020 (ESCI)
- III. **Excel VBA-Based Solution to Pipe Flow Measurement Problem**  
Demir S., Karadeniz A., Manav Demir N., Duman S.  
SPREADSHEETS IN EDUCATION, vol.10, 2018 (ESCI)
- IV. **IMPLEMENTATION OF AN MS EXCEL TOOL FOR BACKPROPAGATION NEURAL NETWORK ALGORITHM IN ENVIRONMENTAL ENGINEERING EDUCATION**  
DEMİR S., MANAV DEMİR N., KARADENİZ A., CİVELEK YÖRÜKLÜ H.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDİSLİK VE FEN BİLİMLERİ DERGİSİ, vol.36, no.1, pp.251-260, 2018 (ESCI)
- V. **An MS Excel Add-in for Calculating Darcy Friction Factor**  
Duman S., Demir S., Manav Demir N., Karadeniz A.  
SPREADSHEETS IN EDUCATION, vol.10, 2018 (ESCI)
- VI. **BİYOLOJİK ATIKSU ARITMA TESİSLERİNDE KARBON VE AZOT GİDERİM VERİMLERİNİN TAHMİNİ AMACIYLA YAPAY SİNİR AĞLARININ KULLANIMI**  
Manav Demir N.  
Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, vol.6, pp.375-386, 2017 (Peer-Reviewed Journal)
- VII. **AN MS EXCEL TOOL FOR PARAMETER ESTIMATION BY MULTIVARIATE NONLINEAR REGRESSION IN ENVIRONMENTAL ENGINEERING EDUCATION**

DEMİR S., KARADENİZ A., CİVELEK YÖRÜKLÜ H., MANAV DEMİR N.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.35, no.2, pp.265-273, 2017 (ESCI)

**VIII. EFFECTS OF VARYING INLET IRON AND MANGANESE CONCENTRATIONS ON SLOW SAND FILTER PERFORMANCE**

Manav Demir N., Atıcı E. B., Demir S.

Sigma Journal of Engineering and Natural Sciences, vol.34, pp.505-515, 2016 (ESCI)

**IX. MUNICIPAL WASTEWATER TREATMENT WITH A PILOT SCALE TWO-STAGE CASCADE BIOLOGICAL NUTRIENT REMOVAL PROCESS**

Manav Demir N., Debik E., Coşkun T.

SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BİLİMLERİ DERGİSİ, vol.34, no.1, pp.71-79, 2016 (ESCI)

**X. İKİ FARKLI PİLOT ÖLÇEKLİ ATIKSU ARITMA PROSESİNDE EVSEL ATIKSULARIN ARITILMASI**

Manav Demir N., Yıldırım A., Balcık C., Coskun T., Debik E.

Sigma Journal of Engineering and Natural Sciences , vol.31, no.3, pp.420-428, 2013 (ESCI)

**XI. Büyükbaş Hayvan Atıkları için Kurulacak Havasız Çürütme Tesisinin Ekonomik Analizi**

Coşkun T., Manav Demir N., Debik E., Karadağ Y., Koçyiğit R., Kurt M., Tohumcu S. A.

Tarih Kültür ve Sanat Araştırmaları Dergisi , vol.1, no.4, pp.360-372, 2012 (Peer-Reviewed Journal)

**XII. BÜYÜKBAŞ HAYVAN ATIKLARININ KOMPOSTLAŞTIRILMASI**

Tosun C., Bıncı M. S., Mehmetli E., Baban A., Manav Demir N., Coskun T., Debik E.

Sigma Journal of Engineering and Natural Sciences, vol.3, no.1, pp.117-125, 2011 (ESCI)

**XIII. BÜYÜKBAŞ HAYVAN ATIKLARININ ANAEROBİK ÇÜRÜTÜLMESİ**

Coskun T., Manav Demir N., Debik E., Bıncı M. S., Tosun C., Mehmetli E., Baban A.

Sigma Journal of Engineering and Natural Sciences, vol.3, no.1, pp.1-9, 2011 (ESCI)

## Books

**I. Anaerobic Dynamic Membrane Bioreactors for the Domestic Wastewater Treatment**

DEBİK E., MANAV DEMİR N., CELİK E., İHTİYAROĞLU A.

in: Wastewater Management and Technologies, Eyüp Debik, Müfit Bahadır, Andreas Haarstrick, Editor, Springer, pp.23-34, 2023

**II. Sewerage Systems and Wastewater Treatment**

Debik E., Ulucan-Altuntas K., Manav Demir N.

in: Water and Wastewater Management, Müfit Bahadır; Andreas Haarstrick, Editor, Springer, London/Berlin , Berlin, pp.99-114, 2022

**III. MS Excel'le Boru Hidroliği - HidroXL**

Demir S., Manav Demir N., Karadeniz A., Duman S.

Yıldız Teknik Üniversitesi, İstanbul, 2019

## Papers Published in Refereed Scientific Meetings

**I. Comparison of Chlorophyll-a Concentration in Microalgae in Different Media**

Cancı B., Koşma E. B., Demirbay T., Manav Demir N., Özkaya B., Güneş S.

7th Eurasia Waste Management Symposium, İstanbul, Turkey, 21 - 23 October 2024, pp.690-692

**II. Influence Of Microalgae Addition On The Performance Of Perovskite Solar Cells**

Demirbay T., Cancı B., Manav Demir N., Gökdemir Çoı F. P., Moeımı Alishah H., Cantürk Rodop M., Özkaya B., Güneş S.

PVCON 2024: 4th International Conference on Photovoltaic Science and Technologies, Ankara, Turkey, 3 - 05 July 2024

- III. **Effect of microalgae incorporation on the performance of perovskite solar cells**  
Demirbay T., Cancı B., Manav Demir N., Özkaya B., Güneş S.  
16TH INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH CONGRESS ON LIFE, ENGINEERING, ARCHITECTURE, AND MATHEMATICAL SCIENCES, İstanbul, Turkey, 28 - 29 February 2024, pp.229
- IV. **Marmara Region Domestic Wastewater Characterization and Determination of COD Fraction**  
Atçı E. B., Manav Demir N., Demir S.  
1. Bilsel International Aspendos Scientific Researches Congress, Antalya, Turkey, 24 - 25 February 2024, pp.255
- V. **Treatment of domestic wastewater using anaerobic baffled dynamic membrane bioreactor (ANBDMBR)**  
İhtiyaroglu A., Çelik E., Manav Demir N., Debik E.  
1. Bilsel International Korykos Scientific Researches and Innovation Congress, Mersin, Turkey, 27 - 28 January 2024, pp.554-555
- VI. **Model-Based Analysis of Treatment Costs by Pre-Anoxic and Post-Anoxic Processes for Low, Medium, and High Nitrogen Loads**  
Panhwar I., Manav Demir N.  
UBAK 16. Uluslararası Bilimsel Araştırmalar Kongresi-Fen ve Mühendislik Bilimleri, Ankara, Turkey, 11 - 12 March 2023, pp.169-179
- VII. **Electricity Generation Potential from Cream Cheese Industry Wastewater by Using Microbial Fuel Cell**  
Atçı E. B., Manav Demir N.  
3rd International Conference on Engineering and Applied Natural Sciences ICEANS 2023, Konya, Turkey, 14 - 17 January 2023, pp.646-651
- VIII. **Yiyecek atıklarının biyokimyasal metan potansiyelinin kinetik modeller kullanılarak incelenmesi**  
Koşma E. B., Civelek Yörüklü H., Manav Demir N., Özkaya B.  
Türkiye'de Katı Atık Yönetimi ve Çevre Sorunları Sempozyumu, İstanbul, Turkey, 24 - 26 October 2022, pp.133-134
- IX. **Evaluation of recovery potential of wastewater treatment plants in Kocaeli, Turkey**  
Gelgör H. B., MANAV DEMİR N., İLHAN F., ALTUNTAŞ K., TIWARY A., DEBİK E.  
INTERNATIONAL CONFERENCE ON GLOBAL PRACTICE OF MULTIDISCIPLINARY SCIENTIFIC STUDIES, Cyprus (Kkct), 06 March 2022
- X. **Removal of Heavy Metals Using Silica Fume**  
Manav Demir N., Atci E. B.  
1st International Conference on Environment, Technology and Management, Niğde, Turkey, 27 - 29 June 2019, pp.1-8
- XI. **Determination of Biochemical Methane Potential (BMP) of Gum Industry Wastewater**  
Manav Demir N., Unal E., Atci E. B.  
4th Eurasian Conference on Civil and Environmental Engineering (ECOCEE), İstanbul, Turkey, 17 - 18 June 2019, pp.1-9
- XII. **Artificial neural network modeling of discrete settling process**  
Demir S., Aşar Y., Manav Demir N.  
1st International Conference on Environment, Technology, and Management, Niğde, Turkey, 27 - 29 June 2019, vol.1, no.1, pp.147-156
- XIII. **Recent Advances in Membrane Fouling Control in Wastewater Treatment Processes**  
Cemanovic A., Kızılet A., MANAV DEMİR N., ÇINAR Ö.  
4TH INTERNATIONAL CONFERENCE ON ENVIRONMENTAL SCIENCE AND TECHNOLOGY, Kiev, Ukraine, 19 September 2018, pp.215-221
- XIV. **DIFFERENT STATISTICAL MODELS OF BIOCHEMICAL METHANE POTENTIAL (BMP) FOR DIFFERENT SUBSTRATE TO INOCULUM RATIO**  
CİVELEK H., KORKMAZ E., MANAV DEMİR N., ÖZKAYA B., DEMİR A.  
7TH GLOBAL CONFERENCE on GLOBAL WARMING, 24 - 28 June 2018
- XV. **Use of the Forward Osmosis Technology in Landfill Leachate Treatment**  
İkizoğlu B., Manav Demir N., Arslankaya E., Debik E., Kurt U., İlhan F.

EURASIA 2014 WASTE MANAGEMENT SYMPOSIUM, İstanbul, Turkey, 28 - 30 April 2014, pp.978-981

- XVI. **Pilot Ölçekli Modifiye Beş Kademeli Bardenpho Prosesi ile Eysel Atıksulardan Karbon ve Nütrient Giderimi**  
MANAV DEMİR N., Yildirim A., Bacik C., Coskun T., Debik E.  
Türkiye'de Çevre Kirlenmesi Öncelikleri Sempozyumu, Kocaeli, Turkey, 22 November 2012, pp.74
- XVII. **Stabilization of Cattle Manure with Anaerobic Digestion Process: A Pilot Scale Study**  
Coskun T., Manav Demir N., Debik E.  
EURASIA Waste Management Symposium, İstanbul, Turkey, 14 November 2011, vol.1, pp.34-40
- XVIII. **The effect of distinct operational conditions on organic material removal and biogas production in the anaerobic treatment of cattle manure**  
MANAV DEMİR N., Coskun T., Debik E.  
World Renewable Energy Congress 2011-Sweden, Linköping, Sweden, 08 May 2011, vol.1, pp.56-63
- XIX. **Change of Concentrations of Pollutant Parameters in the Treatment of Domestic Wastewaters by Sequencing Batch Reactors and Control of System by ORP Measurements**  
MANAV DEMİR N., Debik E.  
USAYS International Sustainable Water and Wastewater Management Symposium, Konya, Turkey, 26 October 2010, pp.796-803
- XX. **The effect of centrifuging and ultrafiltration as a preliminary treatment and performance of reverse osmosis membranes in olive oil mill wastewater (OMW)**  
Coşkun T., Manav Demir N., Debik E.  
IWA Regional Conference and Exhibition on Membrane Technology and Water Reuse, İstanbul, Turkey, 18 - 22 October 2010, pp.635-643
- XXI. **Treatment of bilge water which treated with electrocoagulation before by nanofiltration**  
İlhan F., Manav Demir N., Kabuk H. A., Coşkun T.  
IWA Regional conference and exhibition, İstanbul, Turkey, 18 October 2010, pp.715
- XXII. **Büyükbaş Hayvan Atıklarının Anaerobik Çürütme ile Stabilize Edilmesi**  
Manav Demir N., Coşkun T., Debik E., Binici M. S., Tosun C., Mehmetli E., Baban A.  
ORAK 2010 Organik Atıklardan Kompost ve Yenilenebilir Enerji Üretimi ve Kompostun Kullanım Alanları Çalıştayı, İstanbul, Turkey, 8 - 09 June 2010, pp.93-101
- XXIII. **Büyükbaş Hayvan Atıklarının Aerobik Kompostlaştırılmasında Mevsimsel Etkilerin İncelenmesi**  
Mehmetli E., Tosun C., Binici M. S., Baban A., Manav Demir N., Coskun T., Debik E.  
ORAK 2010 Organik Atıklardan Kompost ve Yenilenebilir Enerji Üretimi Kompostun Kullanım Alanları Çalıştayı, İstanbul, Turkey, 08 June 2010, pp.75-82
- XXIV. **Büyükbaş Hayvan Atıklarının Yönetimi**  
Manav Demir N., Coskun T., Debik E.  
Kent Yönetimi, İnsan ve Çevre Sorunları Sempozyumu 08, İstanbul, Turkey, 02 November 2008, pp.447-458

## Supported Projects

ENGİN G., DALGIÇ BOZYİĞİT G., BİLGİLİ M. S., SARI ERKAN H., İLHAN F., MANAV DEMİR N., Project Supported by Higher Education Institutions, Mikrokirletici Gideriminde Yeşil Teknolojilerin Uygulanması, 2024 - Continues  
Manav Demir N., TUBITAK Project, Metal Kaplama Atıksularının Membran Prosesler ile Arıtılması ve Geri Kazanılması, 2020 - 2027  
Choi F. P., Güneş S., Cantürk Rodop M., Özkaya B., MANAV DEMİR N., TUBITAK Project, Mikroalgler Kullanılarak Perovskit Günes Pillerinin Verim Ve Kararlılık Performanslarının İyileştirilmesi, 2022 - 2025  
DEBİK E., MANAV DEMİR N., Çelik E., Project Supported by Higher Education Institutions, Eysel Atıksuların Arıtımında Anaerobik Perdeli Dinamik Membran Biyoreaktör (AnBDMBR) Kullanımı, 2021 - 2025  
MANAV DEMİR N., OKTAY D., CİVELEK YÖRÜKLÜ H., KOŞMA E. B., Project Supported by Higher Education Institutions, Atıklardan enerji üretimi esnasında açığa çıkan CO<sub>2</sub>'nin gideriminde MICP prosesinin değerlendirilmesi ile CaCO<sub>3</sub> üretimi ve yapı malzemesi olarak kullanımı, 2021 - 2024

Ulucan-Altuntas K., Debik E., Manav Demir N., Öz E., İLHAN F., Newton Programme Project, UK-Turkey capacity building for wastewater treatment integrated with renewable energy and safer reuse for sustainable communities, 2021 - 2022

Manav Demir N., Debik E., Technopark, Ters Osmoz Arıtım Prosesi Kullanan Su Arıtma Sisteminin İşletme Parametrelerinin Tespiti, 2020 - 2020

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