

## Res. Asst. PhD Atila TAŞDEMİR

### Personal Information

Office Phone: [+90 442 231](tel:+90442231) Extension: 4818

Web: <https://avesis.atauni.edu.tr/atila.tasdemir>

### International Researcher IDs

ScholarID: jAi579oAAAAJ

ORCID: 0000-0002-8043-9392

Publons / Web Of Science ResearcherID: ABB-3358-2020

ScopusID: 57210863179

Yoksis Researcher ID: 123486

### Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim Dalı, Turkey 2016 - 2024

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim Dalı, Turkey 2014 - 2016

Postgraduate, Kocaeli University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Bölümü, Turkey 2013 - 2014

Undergraduate, Anadolu University, Faculty Of Engineering-Architecture, Department Of Environmental Engineering, Turkey 2005 - 2011

### Foreign Languages

English, C1 Advanced

### Dissertations

Postgraduate, Hidrodinamik kaviteasyonla sulu ortamdan amonyum giderimi, Atatürk Üniversitesi, Mühendislik Fakültesi, Çevre Mühendisliği Bölümü, 2016

### Research Areas

Environmental Engineering, Engineering and Technology

### Academic Titles / Tasks

Research Assistant, Ataturk University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim Dalı, 2014 - Continues

### Academic and Administrative Experience

Exam Program Preparation Commission Member, Ataturk University, Mühendislik Fakültesi, Çevre Mühendisliği, 2015 - Continues

Curriculum Preparation Committee Member, Ataturk University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği Anabilim

## Courses

Çevre Mühendisliği lab II, Undergraduate, 2022 - 2023  
Çevre mühendisliği lab. I, Undergraduate, 2022 - 2023  
Çevre Kimyası Lab II, Undergraduate, 2022 - 2023  
Çevre kimyası lab I, Undergraduate, 2022 - 2023  
Çevre mühendisliği lab I, Undergraduate, 2021 - 2022  
Çevre mühendisliği II, Undergraduate, 2018 - 2019  
Çevre Kimyası II, Undergraduate, 2018 - 2019  
Fizik lab II, Undergraduate, 2018 - 2019

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

- I. Investigation of ammonia stripping with a hydrodynamic cavitation reactor**  
Taşdemir A., Cengiz İ., Yıldız E., Bayhan Y. K.  
Ultrasonics Sonochemistry, vol.60, 2020 (SCI-Expanded)

## Books & Book Chapters

- I. MEMBRAN BİYOREAKTÖR KİRLİLİĞİ VE KONTROLÜNDE YENİ UYGULAMALAR**  
Taşdemir A., Sözüdoğru O.  
in: ÇEVRESEL PROBLEMLERİN ÇÖZÜMÜNDE YENİLİKÇİ YAKLAŞIMLAR II, Dr.Öğr.Üyesi Sinan KUL,Doç.Dr. İbrahim KARAKAŞ, Editor, İksad Yayınevi, Ankara, pp.63-86, 2022
- II. ATIKSU ARITIMINDA GÜNCEL MEMBRAN BİYOREAKTÖR TEKNOLOJİLERİ**  
Taşdemir A., Sözüdoğru O.  
in: ÇEVRESEL PROBLEMLERİN ÇÖZÜMÜNDE YENİLİKÇİ YAKLAŞIMLAR II, dr. öğretim üyesi sinan kul,doç.dr. ibrahim hakkı karakaş, Editor, İksad Yayınevi, Ankara, pp.35-62, 2022

## Refereed Congress / Symposium Publications in Proceedings

- I. Use of Fine-Kinney Risk Assessment Method for The Environmental Impact Assessment in Industrial Construction Projects**  
Taşdemir A., Bayhan Y. K., Güneş Ü. B.  
1st International Conference on Innovative Academic Studies, Konya, Turkey, 10 - 13 September 2022, pp.379
- II. COMPARATIVE ANALYSIS OF SPECTROPHOTOMETRIC RESIDUAL PEROXIDE MEASUREMENT METHODS IN A SLAUGHTERHOUSE WASTEWATER**  
Taşdemir A., Bayhan Y. K.  
2ND INTERNATIONAL CAPPADOCIA SCIENTIFIC RESEARCH CONGRESS, Nevşehir, Turkey, 17 - 19 June 2022, pp.723-731
- III. Comparison of Heavy Metal Limits Allowed for Reuse of Sewage Sludge In Turkey and EU Countries**  
Taşdemir A., Erdem T. E., Bayhan Y. K.  
ICAENS 2022: 2nd International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 - 13 March 2022, vol.1, pp.420
- IV. Landfill Leachate Treatment in The Submerged BMR In Combination With the Hybrid Hydrodynamic Cavitation Ozonation Process**  
Cengiz İ., Taşdemir A., Yıldız E., Bayhan Y. K.

6th MEMTEK International Symposium on Membrane Technologies and Applications, İstanbul, Turkey, 18 - 20 November 2019, pp.1-5

- V. **Ammonia Stripping in Continuous Hydrodynamic Cavitation Reactor**  
Taşdemir A., Cengiz İ., Yıldız E., Bayhan Y. K.  
TMMOB-ÇMO, XIII. Ulusal- I. Uluslararası Çevre Mühendisliği Kongresi, Kocaeli, Turkey, 10 - 12 October 2019
- VI. **Investigation of the effect of particulate size and stirring rate on copper removal from aqueous solutions with thermal drying-incineration waste**  
KUL S., TAŞDEMİR A., CENGİZ İ.  
International Symposium on Applied Sciences and Engineering, Erzurum, Turkey, 26 - 28 November 2018, pp.88-90
- VII. **Cavitation Supported Submerged Membrane Bioreactor Application**  
CENGİZ İ., YILDIZ E., TAŞDEMİR A.  
II. International Conference on Advanced Engineering Technologies, 21 - 23 September 2017
- VIII. **Use of Cavitation in Gas Transfer**  
TAŞDEMİR A., YILDIZ E., CENGİZ İ., BAYHAN Y. K.  
II. International Conference on Advanced Engineering Technologies, 21 - 23 September 2017
- IX. **Recycle of polypropylene plastic wastes Erzurum application**  
BONCUKCUOĞLU R., SÖZÜDOĞRU O., TAŞDEMİR A.  
Program of the VI-International Festival of Architectural, Civil Engineering and Design School of Euroasia, 7 - 10 September 2016
- X. **RECYCLE OF POLYPROPYLENE PLASTIC WASTES Erzurum Application**  
BONCUKCUOĞLU R., SÖZÜDOĞRU O., TAŞDEMİR A.  
PROGRAM OF THE VI-INTERNATIONAL FESTIVAL OF ARCHITECTURAL, CIVIL ENGINEERING AND DESIGN SCHOOL OF EURASIA, 7 October - 10 September 2016
- XI. **The investigation of some of the operation parameters for removal of color from olive mill wastewater by electro oxidation process**  
Kul S., Boncukcuoğlu R., Yılmaz A. E., Fil B. A., Taşdemir A.  
2nd International Conference on Sustainable Agriculture and Environment (2nd ICSAE), Konya, Turkey, 30 September - 03 October 2015, pp.522-525
- XII. **The effect of stirring rate support electrolyte type and temperature on color removal from olive mill wastewater**  
Kul S., Boncukcuoğlu R., Fil B. A., Yılmaz A. E., Taşdemir A.  
2nd International Conference on Sustainable Agriculture and Environment (2nd ICSAE), Konya, Turkey, 30 September - 03 October 2015, pp.526-531

## Supported Projects

BAYHAN Y. K., TAŞDEMİR A., Project Supported by Higher Education Institutions, Kesimhane Atıksuyunun Hidrodinamik Kavıtasyon Destekli MBR ile Arıtımının İncelenmesi ve Membran Kirliliğinin Kontrolü, 2020 - 2024

Taşdemir A., Cengiz İ., Kul S., Project Supported by Higher Education Institutions, Hidrodinamik kavıtasyon reaktörü ile hiç hava verilmeden amonyak sıyırma performansının incelenmesi, 2021 - 2023

YILDIZ E., TAŞDEMİR A., CENGİZ İ., Project Supported by Higher Education Institutions, KAVİTASYON REAKTÖR İLE AMONYAĞIN SIYIRILMASI, 2016 - 2017

Yıldız E., Bayhan Y. K., TUBITAK Project, Düşük Şiddetli Evsel Atıksuların Klasik, Hareketli ve Sabit Yataklı Hibrit MBR'lerde Yüksek Hızda Sulama Suyu Amaçlı Arıtımı - (Bursiyer), 2015 - 2017

Taşdemir A., Yıldız E., Project Supported by Higher Education Institutions, Yüzeysel Suların Seramik Membran Mikrofiltrasyon Yöntemiyle Arıtılması, 2015 - 2016

## Metrics

Publication: 15  
Citation (WoS): 15  
Citation (Scopus): 20  
H-Index (WoS): 1  
H-Index (Scopus): 1

## **Representation and Promotion Activities**

Institutional Promotion, Ataturk Üniversitesi, Turkey, Erzurum, 2019 - 2022