

## Assoc. Prof. BURÇİN ATILGAN TÜRKMEN

### Personal Information

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### International Researcher IDs

ScholarID: EGFHzT0AAAAJ

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Publons / Web Of Science ResearcherID: ABB-4953-2020

ScopusID: 56324174000

Yoksis Researcher ID: 257180

### Education Information

Doctorate, University of Manchester, England 2012 - 2016

Postgraduate, University Of Manchester {England}, England 2010 - 2011

Undergraduate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Kimya Mühendisliği Bölümü, Turkey  
2004 - 2008

### Foreign Languages

English, C2 Mastery

### Dissertations

Doctorate, Assessing the sustainability of current and future electricity options for Turkey, University of Manchester, 2016

Postgraduate, Coating zeolite Y on to a metal surface, University Of Manchester {England}, 2011

### Research Areas

Chemical Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Kimya Mühendisliği, 2023 - Continues

Assistant Professor, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Kimya Mühendisliği, 2017 - 2023

Research Assistant PhD, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Kimya Mühendisliği, 2016 - 2017

Research Assistant, The University of Manchester, Engineering, CEAS, 2012 - 2016

### Academic and Administrative Experience

TTO Komisyon Üyesi, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Kimya Mühendisliği, 2023 - Continues  
YLSY Koordinatörü, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Kimya Mühendisliği, 2022 - Continues  
BAP Scientific Commissioner, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021 - Continues  
Rectorate Commissioner, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021 - Continues

## Courses

### Postgraduate

Uzmanlık Alan, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Sürdürülebilir Kalkınma ve Endüstri, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019  
Tez Çalışması, Postgraduate, 2021 - 2022, 2020 - 2021  
Su ve Atıksu Teknolojisi, Postgraduate, 2021 - 2022, 2019 - 2020  
Yüksek Lisans Tez Çalışması, Postgraduate, 2019 - 2020, 2018 - 2019  
Enerji Sistemleri, Postgraduate, 2019 - 2020

### Undergraduate

Mühendislik Termodinamiği, Undergraduate, 2021 - 2022, 2020 - 2021  
Kimya Mühendisliği Laboratuvarı II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020  
Bitirme Ödevi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018  
Yenilenebilir Enerji Kaynakları, Undergraduate, 2021 - 2022  
Lisans Araştırma Projesi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018  
Kimya Mühendisliği Laboratuvarı I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018  
Kimya Mühendisliği Termodinamiği, Undergraduate, 2020 - 2021  
Kimya ve Proses Mühendisliği Temel Prensipler, Undergraduate, 2019 - 2020, 2017 - 2018  
Kimya ve Proses Mühendisliğine Giriş, Undergraduate, 2019 - 2020  
Teknik İngilizce II, Undergraduate, 2019 - 2020  
Kalite, Çevre ve Güvenlik, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Sürdürülebilir Üretim Sistemleri, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017  
Sürdürülebilir Kalkınma ve Endüstri, Undergraduate, 2017 - 2018  
Yeni ve Yenilenebilir Enerji Kaynakları, Undergraduate, 2017 - 2018  
Sürdürülebilirlik ve Mühendislik, Undergraduate, 2017 - 2018

## Supervised Theses

Babuna F. F., Atılgan Türkmen B., Life cycle assessment of anaerobic digestion for the organic fraction of municipal solid waste, Postgraduate, H.OMRAN(Student), 2024  
Atılgan Türkmen B., Özsin G., Ahşap-plastik kompozitlerin endüstriyel üretim sürecine ilişkin yaşam döngüsü çevresel sürdürülebilirlik analizi, Postgraduate, G.ÇOLAK(Student), 2024  
BURÇİN A. T., Sürdürülebilir kentlerde akıllı atık yönetimi: Niğde örneği, Postgraduate, Ü.AYCA(Student), 2022  
BURÇİN A. T., Arıtılabilirlik ve çevresel etkilerin bütünlük değerlendirmesi, Postgraduate, K.DOĞAN(Student), 2022  
ATILGAN TÜRKMEN B., Et entegre tesisinde sürdürülebilirlik, Postgraduate, O.MÜJDECİ(Student), 2022  
ATILGAN TÜRKMEN B., Otomobil paspasları için yaşam döngüsü boyutunda sürdürülebilirlik analizi, Postgraduate, E.ÖRÜCÜ(Student), 2021  
ATILGAN TÜRKMEN B., Pvc profil sistemlerinin yaşam döngüsü çevresel sürdürülebilirliği, Postgraduate, G.BİÇERGİL(Student), 2020

- I. **Life Cycle Environmental Impacts of Wind Turbines: A Path to Sustainability with Challenges**  
ATILGAN TÜRKMEN B., Babuna F. F.  
Sustainability (Switzerland), vol.16, no.13, 2024 (SCI-Expanded)
- II. **Life Cycle Assessment as a Decision-Making Tool for Photochemical Treatment of Iprodione Fungicide from Wastewater**  
Dogan K., Turkmen B., Arslan-Alaton I., Babuna F. F.  
Water (Switzerland), vol.16, no.8, 2024 (SCI-Expanded)
- III. **Merging treatability results and sustainability assessment: a segregated textile dyehouse effluent**  
DOĞAN K. M., ATILGAN TÜRKMEN B., Babuna F. F., Koba Uzun O., Arslan Alaton İ.  
International Journal of Environmental Science and Technology, vol.20, no.10, pp.11165-11176, 2023 (SCI-Expanded)
- IV. **Evaluation of environmental impacts in PVC sector: the case of Turkey**  
Biçergil G., ATILGAN TÜRKMEN B.  
Plastics, Rubber and Composites, vol.52, no.4, pp.238-247, 2023 (SCI-Expanded)
- V. **Environmental impacts arising from the production of two surface coating formulations**  
Sezginer I., ATILGAN TÜRKMEN B., Babuna F. F.  
Clean Technologies and Environmental Policy, vol.24, no.6, pp.1811-1822, 2022 (SCI-Expanded)
- VI. **Evaluating the sustainability of car mat manufacturing**  
ÖRÜCÜ E., ATILGAN TÜRKMEN B.  
Sustainable Materials and Technologies, vol.32, 2022 (SCI-Expanded)
- VII. **Life cycle environmental impacts of disposable medical masks**  
ATILGAN TÜRKMEN B.  
Environmental Science and Pollution Research, vol.29, no.17, pp.25496-25506, 2022 (SCI-Expanded)
- VIII. **Environmental performance of high-efficiency natural gas combined cycle plant**  
ATILGAN TÜRKMEN B.  
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, vol.44, no.1, pp.57-74, 2022 (SCI-Expanded)
- IX. **Environmental impact assessment of ceramic tile manufacturing: a case study in Turkey**  
ATILGAN TÜRKMEN B., Budak Duhbaci T., Karahan Özbilen Ş.  
Clean Technologies and Environmental Policy, vol.23, no.4, pp.1295-1310, 2021 (SCI-Expanded)
- X. **Environmental sustainability of electricity generation: Case study of lignite combustion**  
ATILGAN TÜRKMEN B., Deveci E. Ü., Sağlam Ç. Ş.  
Environmental Progress and Sustainable Energy, vol.40, no.2, 2021 (SCI-Expanded)
- XI. **An optimization model for carbon capture & storage/utilization vs. carbon trading: A case study of fossil-fired power plants in Turkey**  
Ağralı S., Üçtuğ F. G., Türkmen B.  
Journal of Environmental Management, vol.215, pp.305-315, 2018 (SCI-Expanded)
- XII. **An integrated life cycle sustainability assessment of electricity generation in Turkey**  
ATILGAN TÜRKMEN B., Azapagic A.  
Energy Policy, vol.93, pp.168-186, 2016 (SCI-Expanded)
- XIII. **Renewable electricity in Turkey: Life cycle environmental impacts**  
ATILGAN TÜRKMEN B., Azapagic A.  
Renewable Energy, vol.89, pp.649-657, 2016 (SCI-Expanded)
- XIV. **Assessing the environmental sustainability of electricity generation in Turkey on a life cycle basis**  
ATILGAN TÜRKMEN B., Azapagic A.  
Energies, vol.9, no.1, 2016 (SCI-Expanded)
- XV. **Life cycle environmental impacts of electricity from fossil fuels in Turkey**  
ATILGAN TÜRKMEN B., Azapagic A.  
Journal of Cleaner Production, vol.106, pp.555-564, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Ahşap Plastik Kompozit Malzemelerin Çevresel Sürdürülebilirlik Uygulamaları: Yaşam Döngüsü Değerlendirmesi**  
ÇOLAK BAYRAM G., ATILGAN TÜRKMEN B., ÖZSİN G.  
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.11, no.2, pp.437-450, 2024 (Peer-Reviewed Journal)
- II. **Sürdürülebilir Ahşap Plastik Kompozit Malzemeler: Hammaddeler, Yapısal Özellikler, Üretim Süreçleri ve Güncel Eğilimler**  
ÇOLAK BAYRAM G., ÖZSİN G., ATILGAN TÜRKMEN B.  
Gazi Journal of Engineering Sciences, vol.10, no.2, pp.264-280, 2024 (Peer-Reviewed Journal)
- III. **Türk Endüstrisi için Temiz Üretim ve Yaşam Döngüsü Değerlendirmesi Örnekleri**  
BABUNA F. F., BAŞ B., ATILGAN TÜRKMEN B., ELGİNÖZ KANAT N.  
Çevre, İklim ve Sürdürülebilirlik, vol.24, no.2, pp.55-63, 2023 (Peer-Reviewed Journal)
- IV. **Corporate Carbon Footprint Analysis: Example Calculation for a Chemical Factory**  
ÇOLAK G., TÜRKMEN B. A.  
Doğal Afetler ve Çevre Dergisi, vol.9, no.1, pp.191-201, 2023 (Peer-Reviewed Journal)
- V. **Orta ve Küçük Ölçekli Rüzgar Türbinlerinin Yaşam Döngüsü Boyutunda Sürdürülebilirliği: Literatür Taraması**  
ATILGAN TÜRKMEN B.  
Dicle Üniversitesi Mühendislik Fakültesi Mühendislik Dergisi, no.3, pp.393-404, 2022 (Peer-Reviewed Journal)
- VI. **Impact of COVID-19 restrictive precautions on air quality: case of Zonguldak, Turkey**  
KÖKLÜ R., ATILGAN TÜRKMEN B., DEVECİ E. Ü., GÖNEN Ç.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL TECHNOLOGY AND MANAGEMENT, vol.25, no.5, pp.406-426, 2022 (ESCI)
- VII. **Improving the sustainability of ceramic tile production in Turkey**  
ATILGAN TÜRKMEN B., Karahan Özbilen Ş., Budak Duhbacı T.  
Sustainable Production and Consumption, vol.27, pp.2193-2207, 2021 (Scopus)
- VIII. **The Analysis of Climate Change Awareness at Local Level in Bilecik**  
ATILGAN TÜRKMEN B.  
Avrupa Bilim ve Teknoloji Dergisi, vol.0, no.25, pp.457-462, 2021 (Peer-Reviewed Journal)
- IX. **Renewable energy applications for sustainable agricultural systems**  
ATILGAN TÜRKMEN B.  
Uluslararası tarım araştırmalarında yenilikçi yaklaşımlar dergisi (Online), vol.4, no.4, pp.497-504, 2020 (Peer-Reviewed Journal)
- X. **Cam ambalaj üretiminin çevresel sürdürülebilirliğinin değerlendirilmesi**  
ATILGAN TÜRKMEN B.  
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.7, no.2, pp.1026-1037, 2020 (Peer-Reviewed Journal)
- XI. **Environmental benefits of glass recycling**  
ATILGAN TÜRKMEN B.  
International Journal of Latest Engineering Research and Applications (IJLERA), vol.5, no.6, pp.26-33, 2020 (Peer-Reviewed Journal)
- XII. **Energy challenges for Turkey: Identifying sustainable options for future electricity generation up to 2050**  
ATILGAN TÜRKMEN B., Azapagic A.  
Sustainable Production and Consumption, vol.12, pp.234-254, 2017 (Scopus)
- XIII. **Growing zeolite Y on FeCrAlloy metal**  
ALRUBAYE R., ATILGAN TÜRKMEN B., RICHARD J H., GARFORTH A.  
International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.4, no.7, pp.229-234, 2013 (Peer-Reviewed Journal)

## Books

- I. **Bataryaların Yaşam Döngüsü Değerlendirmesi**  
ARIKAN O. A., GÜVEN H., Akırmak M. T., BANAR M., ÜÇTUĞ F. G., ATILGAN TÜRKMEN B., ÖVEZ S. S., MAÇIN K. E., ÖZÇELİK K., ATACAN O.  
in: Elektrikli Araçlarda Lityum İyon Bataryalar, KELEŞ ÖZGÜL, KARAHAN BİLLUR DENİZ, Bayar Kerim Can, Editor, Otomotiv Teknoloji Platformu, İstanbul, pp.303-324, 2024
- II. **Environmental Hotspots of Cleaning Operations for Beer Barrels**  
ATILGAN TÜRKMEN B., EREN E. A., BABUNA F. F.  
in: Climate Change and Water Resources in Mediterranean Countries, GÖKÇEKUŞ HÜSEYİN, KASSEM YOUSSEF, Editor, Springer, pp.347-354, 2024
- III. **İleri Oksidasyon Proseslerinde Ekonomik Analiz ve Sürdürülebilirlik**  
BABUNA F. F., ATILGAN TÜRKMEN B.  
in: İleri Oksidasyon Prosesleri, ARSLAN ALATON İDİL, VARANK GAMZE, Editor, İTÜ Yayınevi, İstanbul, pp.237-253, 2024
- IV. **Integrating Sustainability with Treatability for Bisphenol a (BPA) Removal from Tap Water**  
DOĞAN K., ATILGAN TÜRKMEN B., ARSLAN ALATON İ., BABUNA F. F.  
in: Climate Change and Water Resources in Mediterranean Countries, GÖKÇEKUŞ HÜSEYİN, KASSEM YOUSSEF, Editor, Springer, pp.367-375, 2024
- V. **Solid Oxide Fuel Cells: Towards a Sustainable Energy Future**  
YARBAY ŞAHİN R. Z., ATILGAN TÜRKMEN B.  
in: Scientific Developments for Natural and Engineering Sciences, Doç. Dr. Selmin Ener Rüşen, Editor, Duvar Kitabevi, pp.233-246, 2021
- VI. **Solid Oxide Fuel Cells: Towards a Sustainable Energy Future**  
YARBAY ŞAHİN R. Z., ATILGAN TÜRKMEN B.  
in: Scientific Developments for Natural and Engineering Sciences, Doç. Dr. Selmin Ener Rüşen, Editor, Duvar Publishing, İzmir, pp.235-245, 2021
- VII. **Multi-criteria decision analysis for energy policy**  
Stamford L., ATILGAN TÜRKMEN B., Cooper J., Azapagic A.  
in: Routledge Handbook of Energy Economics, Soytas Uğur, Sarı Ramazan, Editor, Routledge, Taylor and Francis Group, London, pp.600-633, 2019

## Papers Published in Refereed Scientific Meetings

- I. **STRATEGIES TO LOWER ENVIRONMENTAL BURDENS OF SINGLE-USE POLYPROPYLENE PLASTIC CUPS**  
ASSALI W., ATILGAN TÜRKMEN B., BABUNA F. F.  
5th International Conference on Recycling and Reuse (R&R2024), 5-6 July, 2024, İstanbul, Turkey, İstanbul, Turkey, 5 - 06 July 2024, pp.97-101
- II. **LIFE CYCLE ASSESSMENT (LCA) OF RESIDENTIAL BUILDING RETROFITTING: A COMPREHENSIVE REVIEW**  
Sezer E. F., ATILGAN TÜRKMEN B., BABUNA F. F.  
5th International Conference on Recycling and Reuse (R&R2024), 5-6 July, 2024, İstanbul, Turkey, İstanbul, Turkey, 5 - 06 July 2024, pp.92-96
- III. **STRATEGIES TO IMPROVE LIFE CYCLE ENVIRONMENTAL SUSTAINABILITY FOR A SUPERMARKET**  
Kahveci S., ATILGAN TÜRKMEN B., BABUNA F. F.  
5th International Conference on Recycling and Reuse (R&R2024), 5-6 July, 2024, İstanbul, Turkey, İstanbul, Turkey, 05 July 2024, pp.78-82
- IV. **APPRAISING ENVIRONMENTAL IMPACTS OF A RESTAURANT**  
Arıkan E. H., ATILGAN TÜRKMEN B., İSKENDER F. G., BABUNA F. F.  
5th International Conference on Recycling and Reuse (R&R2024), 5-6 July, 2024, İstanbul, Türkiye, İstanbul,

Turkey, 05 July 2024, pp.63-67

- V. **A SUSTAINABLE ROADMAP IN SELECTING THE PROPER TREATMENT / DISPOSAL METHOD FOR WASTEWATERS / WATER / WASTES**  
BABUNA F. F., ATILGAN TÜRKMEN B.  
5th International Conference on Recycling and Reuse (R&R2024), 5-6 July, 2024, Istanbul, Türkiye, İstanbul, Turkey, 5 - 06 July 2024, pp.58-62
- VI. **REACTIVE DYE EFFLUENT TREATMENT WITH PEROXIDE – ASSISTED OZONATION: LIFE CYCLE ASSESSMENT FOR SELECTED PROCESSES**  
Doğan K., ATILGAN TÜRKMEN B., ARSLAN ALATON İ., BABUNA F. F.  
5th International Conference on Recycling and Reuse (R&R2024), 5-6 July, 2024, Istanbul, Türkiye, İstanbul, Turkey, 5 - 06 July 2024, pp.187-191
- VII. **SÜRDÜRÜLEBİLİR BİR DÜNYA İÇİN SÜRDÜRÜLEBİLİR ELEKTRİKLİ ARAÇ BATARYALARI**  
ATILGAN TÜRKMEN B.  
ELEKTROKİMYASAL VE KİMYASAL ENERJİ DEPOLAMA TEKNOLOJİLERİ SEMPOZYUMU, Turkey, 30 November - 01 December 2023
- VIII. **Environmental Sustainability Of Microalgae-Based Systems**  
DÖKEN S., ANDOĞLU ÇOŞKUN E. M., ATILGAN TÜRKMEN B.  
15. Ulusal 3. Uluslararası Çevre Mühendisliği Kongresi, Turkey, 23 - 25 November 2023
- IX. **THE ROLE OF BIOMASS ENERGY IN ACHIEVING SUSTAINABLE DEVELOPMENT GOALS**  
ATILGAN TÜRKMEN B., YARBAY R. Z.  
15. Ulusal 3. Uluslararası Çevre Mühendisliği Kongresi, TÜRK VE CAICOS AD., 23 - 25 November 2023
- X. **Life Cycle Assessment Of Anaerobic Digestion For The Organic Fraction Of Municipal Solid Waste**  
Gözütok Omran H., ATILGAN TÜRKMEN B., BABUNA F. F.  
2.ULUSLARARASI TRAKYA BİLİMSEL ARAŞTIRMALAR KONGRESİ, Turkey, 26 August 2023, pp.248-256
- XI. **Seramik Kaplama Sektöründe Atık Yönetimi**  
Çelik Saydam Y., ATILGAN TÜRKMEN B.  
3rd International Conference on Engineering and Applied Natural Sciences, Turkey, 14 January 2023
- XII. **A review on tidal energy – In the perspective of sustainability**  
ATILGAN TÜRKMEN B.  
4th International Conference on Applied Engineering and Natural Sciences, Turkey, 10 - 13 November 2022, pp.1
- XIII. **Combining photochemical treatability and Life Cycle Assessment studies helps to ease decision making for the removal of iprodione from tap water**  
Doğan K., ATILGAN TÜRKMEN B., BABUNA F. F., ARSLAN ALATON İ.  
IWA 11th Agro Conference, Gdansk, Poland, 26 - 28 October 2022
- XIV. **Sustainable Meat and Meat Products Manufacturing**  
Müjdeci O., ATILGAN TÜRKMEN B.  
6TH INTERNATIONAL CONGRESS ON LIFE, SOCIAL, AND HEALTH SCIENCES IN A CHANGING WORLD, Turkey, 2 - 03 July 2022
- XV. **Sustainability of Shale Gas: Challenges and Opportunities**  
ATILGAN TÜRKMEN B.  
7. Bilim Günleri, Turkey, 05 May 2021
- XVI. **A Comparative Life Cycle Analysis of 1 MW and 2 MW Onshore Wind Turbines**  
ATILGAN TÜRKMEN B.  
5th International Anatolian Energy Symposium, Turkey, 24 March 2021
- XVII. **Environmental Impact Management for a Supermarket**  
Kahveci S., ATILGAN TÜRKMEN B., BABUNA F. F.  
The 6th International Conference on Climate Change 2022 “Meeting Climate Challenges Amidst the COVID-19 Pandemic”, Sri Lanka, 17 February 2022
- XVIII. **Coffee and Environmental Issues**  
ATILGAN TÜRKMEN B.  
International Anatolian Conference on Coffee & Cocoa, Malatya, Turkey, 3 - 05 December 2021

- XIX. Örnek Bir Tesiste Biyodizel Üretim Prosesi**  
SAYAK Ö., ATILGAN TÜRKMEN B.  
Geleceğin Mühendisleri Uluslararası Öğrenci Sempozyumu – EFIS 2021, Turkey, 09 July 2021
- XX. A Carbon Footprint Analysis of Rapeseed Biodiesel**  
SAYAK Ö., ATILGAN TÜRKMEN B.  
3rd Bioenergy Studies Symposium, Ankara, Turkey, 20 - 22 May 2021, pp.34-35
- XXI. Sustainability of Automobile Car Mats**  
Örücü E., ATILGAN TÜRKMEN B.  
International Conference on Research in Natural and Engineering Sciences (ICRNES 2020), Turkey, 14 - 15 November 2020
- XXII. Sustainability Aspects of Solid Oxide Fuel Cells**  
YARBAY ŞAHİN R. Z., ATILGAN TÜRKMEN B.  
II. INTERNATIONAL AGRICULTURAL, BIOLOGICAL & LIFE SCIENCE CONFERENCE - AGBIOL, Turkey, 01 September 2020
- XXIII. Renewable Energy and Sustainable Agriculture**  
ATILGAN TÜRKMEN B.  
II. INTERNATIONAL AGRICULTURAL, BIOLOGICAL & LIFE SCIENCE CONFERENCE - AGBIOL, Turkey, 1 - 03 September 2020
- XXIV. The Environmental Sustainability of Carton Packaging**  
ATILGAN TÜRKMEN B.  
3rd International BILTEK Symposium of Current Studies on Science, Technology & Social Sciences, Adana, Turkey, 19 - 21 June 2020, pp.418-423
- XXV. Introduction Life Cycle Assessment and Industrial Processes in Sustainable Chemical Engineering Education: A case study in the automotive sector**  
Gabarrell X., Örücü E., Toboso-Chavero S., ATILGAN TÜRKMEN B.  
Congreso de Innovación Docente en Ingeniería Química (CIDIQ), Spain, 02 January 2020
- XXVI. Sustainability of PVC Profile Production**  
Biçergil G., ATILGAN TÜRKMEN B.  
V. International Congress on Natural and Health Sciences, Turkey, 13 - 15 December 2019
- XXVII. The Level of Climate Change Awareness of Bilecik**  
ATILGAN TÜRKMEN B.  
2. International Conference on Awareness, Turkey, 13 - 15 December 2018
- XXVIII. Electricity Generation Technologies: from the Perspective of Global Warming**  
ATILGAN TÜRKMEN B.  
TİKDEK, 5 - 07 July 2017
- XXIX. Life cycle sustainability assessment of electricity options for Turkey**  
ATILGAN TÜRKMEN B., AZAPAGIC A.  
LCA XV, Canada, 6 - 08 October 2015
- XXX. Life cycle assessment of electricity from renewable sources in Turkey**  
ATILGAN TÜRKMEN B., AZAPAGIC A.  
11th EcoBalance Conference, Japan, 27 - 30 October 2014
- XXXI. Assessing the life cycle environmental impacts of electricity generation in Turkey**  
ATILGAN TÜRKMEN B., AZAPAGIC A.  
13th Mediterranean Congress of Chemical Engineering, Spain, 30 September - 03 October 2014
- XXXII. Assessing the Sustainability of Current and Future Electricity Options**  
ATILGAN TÜRKMEN B., AZAPAGIC A.  
CHEMENGDAY 2013 UK, England, 25 March 2013

## Supported Projects

ÖZSİN G., ATILGAN TÜRKMEN B., Project Supported by Higher Education Institutions, Ahşap-Plastik Kompozitlerin Endüstriyel Üretim Sürecine İlişkin Yaşam Döngüsü Çevresel Sürdürülebilirlik Analizi, 2022 - Continues

ATILGAN TÜRKMEN B., Unlocking the potential of microalgae for the valorisation of brewery waste products into omega-3 rich animal feed and fertilisers - ALGAEBREW, 2022 - Continues

ATILGAN TÜRKMEN B., Conscious Pesticide Farming practices with Agricultural High School Students – COPEFA, 2021 - Continues

Yarbay R. Z., Atılğan Türkmen B., Erasmus Project, “Blended Sustainability Training for Livestock and Animal Food Production, SUSTRA, 2023 - 2025

Atılğan Türkmen B., Erasmus Project, Climate Focused Agricultural Vocational Education – CLIAVE, 2022 - 2025

Atılğan Türkmen B., Erasmus Project, Studies Practices In agricultural High School Students- SPIRITUALIST, 2022 - 2024

ATILGAN TÜRKMEN B., Project Supported by Higher Education Institutions, Küçük Ölçekli Rüzgar Türbinlerinin Yaşam Döngüsü Boyutunda Sürdürülebilirliğinin Değerlendirilmesi, 2021 - 2022

ATILGAN TÜRKMEN B., Other International Funding Programs, Predictive agricultural models for improving food security in Turkey, 2021 - 2021

ATILGAN TÜRKMEN B., Project Supported by Higher Education Institutions, Karbon Depolama ve Karbon Kullanım Teknolojilerinin Yaşam Döngüsü Çevresel Etkilerinin Karşılaştırılması, 2018 - 2020

ATILGAN TÜRKMEN B., Excellence Center on Cleaner Production Technologies - İP4 Çevresel Etki Değerlendirme Alt Yapısının Kurulması Kapsamında Seramik, Karo ve Kaldırım Taşları ve Çimento İmalatı Sektöründe Yaşam Döngüsü Çalışması, 2019 - 2019

ATILGAN TÜRKMEN B., Better Futures with Enhanced Capacity and Awareness on Climate Change, 2017 - 2019

AKPINAR BORAZAN A., ATILGAN TÜRKMEN B., Project Supported by Higher Education Institutions, Orman ve Hayvansal Atık Kullanımının Borlu Polimer Kompozit Kalitesine Etkisi(proje No: 2016-02.BŞEÜ.03-05), 2017 - 2018

## **Activities in Scientific Journals**

Gazi Journal of Engineering Sciences, Committee Member, 2024 - Continues

Biotech Studies, Committee Member, 2023 - Continues