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Professor

Institute of Environmental Sciences, Boğaziçi University

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**EDUCATION**

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**Doctor of Philosophy (PhD)**

Boğaziçi University

Institute of Environmental Sciences, Environmental Technology

Dissertation Title: Recycling of Waste Plastics via Pyrolysis

Dissertation Advisor(s): Supervised by Prof. Dr. Kriton Curi, Prof. Dr. Erol Guler  
and co-supervised by Prof. Dr. Ekrem Ekinci

1998

*Turkey*

**Master of Science (MSc)**

Boğaziçi University

Institute of Environmental Sciences, Environmental Technology

Dissertation Title: Wind Induced Circulations of the Black Sea

Dissertation Advisor(s): Prof. Dr. Orhan Yenigün

1993

*Turkey*

**Bachelor of Science (BSc)**

Istanbul Technical University

Faculty of Chemical and Metallurgical Engineering Faculty

Major: Chemical Engineering

1991

*Turkey*

## RESEARCH INTERESTS

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- Integrated approach for resource conservation, energy, fuel and value added chemical recovery from industrial wastes and agricultural residues.
- Environmental sustainability applications for agricultural and industrial products in terms of life cycle assessment.
- Region based environmental sustainability assessment.

## WORK EXPERIENCE

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<b>Vice Director</b> Boğaziçi University, Finance Center	<b>2021 - present</b> <i>Istanbul, Turkey</i>
<b>Member of Board</b> Turkish Environment Agency	<b>2021 - present</b> <i>Ankara, Turkey</i>
<b>Lecturer</b> Boğaziçi University, Institute of Environmental Sciences	<b>2002 - present</b> <i>Istanbul, Turkey</i>
<b>Coordinator</b> Boğaziçi University, Sustainable and Green Campus Program	<b>2013 - present</b> <i>Istanbul, Turkey</i>
<b>Director</b> United Nations Sustainable Development Solutions Network   Turkey (UNSDSN   Turkey)	<b>2019 - 2020</b> <i>Istanbul, Turkey</i>
<b>Co-Chair</b> for UNSDSN Network   Turkey Youth Representative	<b>2015 - 2019</b> <i>Istanbul, Turkey</i>
<b>Founder and Director</b> Boğaziçi University, Sustainable Development and Cleaner Production Center	<b>2007 - present</b> <i>Istanbul, Turkey</i>
<b>Director</b> Boğaziçi University, Environmental Ethics Committee	<b>2011 - 2013</b> <i>Istanbul, Turkey</i>
<b>Visiting Professor</b> Technical University of Denmark, Institute for Product Development	<b>1999 - 2001</b> <i>Lyngby, Denmark</i>
<b>Senior Scientist</b> The Scientific and Technological Research Council of Turkey Energy Systems and Environmental Research Institute	<b>1998 - 2000</b> <i>Kocaeli, Turkey</i>

**Scientist**

The Scientific and Technological Research Council of Turkey  
Energy Systems and Environmental Research Institute

**1996 - 1998***Kocaeli, Turkey***Visiting Scientist**

Strathclyde University,  
Pure and Applied Chemistry Department

**1996 - 1997***Glasgow, Scotland***Research Assistant**

Boğaziçi University, Institute of Environmental Sciences

**1991 - 1996***Istanbul, Turkey***TEACHING EXPERIENCE**

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**Undergraduate Courses, Boğaziçi University, Institute of Environmental Sciences**

ESC 301 - Environmental Dimensions

ESC 351 - Sustainable Development

**Graduate Courses, Boğaziçi University, Institute of Environmental Sciences**

ESC 500 - On-site Training

ESC 502 - Principles of Environmental Pollution

ESC 509 - Resource Conservation for Fuel, Energy and Chemicals  
(Former name: *Energy and Environment*)

ESC 568 - Pollution Prevention Assessment (Ecodesign, LCA)

ESC 572 - Global Environmental Systems

ESC 579 - Graduate Seminar

**PROFESSIONAL SERVICES**

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Guest Editor

- Lozano, R., **Ciliz, N.**, Ramos, T., Blok, V., Caeiro, S., Hoof, B., Huisingh, D., “Bridges for a more sustainable future: Joining Environmental Management for Sustainable Universities (EMSU) and the European Roundtable for Sustainable Consumption and Production (ERSCP) conferences”, *Journal of Cleaner Production* 106 (2015) 1-700.

Referee for Journals

- Journal of Cleaner Production
- Resource Conservation and Recycling
- Fuel
- Waste Management

### Advisory Board, Jury Member, Evaluation/Executive Committee Member

- Advisory Board Member, in K. Yenigün, A. Turan, T. Çamaş (Eds.), “Zero Waste” Book, Turkish Ministry of Environment, Urbanization and Climate Change, ISBN: 978-625-7076-36-4, 2022.
- TÜBİTAK - PhD & Postdoctoral Research Fellowship Program, Evaluation Committee Member, June 2022.
- UN Sustainable Development Solutions Network Turkey Executive Committee Member, 2019-present.
- ÇEVKO (Environmental Protection and Packaging Waste Management Foundation), Green Dot Award Jury Member, 2018-present.
- Çöpüne Sahip Çık Vakfı (a Turkish Foundation on Solid Waste Minimization), Advisory Board Member, 2018-present.
- ICCI International Energy and Environment Fair and Conference, organized by Hannover Fair Ltd., 2017-2019.
- Global Cleantech Innovation Programme (GCIP), organized by UNIDO, TÜBİTAK, Evaluation Committee Member, 2016-present.
- TÜBİTAK-KONNECT (Strengthening STI Cooperation between the EU and Korea, Promoting Innovation and the Enhancement of Communication for Technology-related Policy Dialogue), Evaluation Committee Member, EU INCO projects, 2016-present.
- Sabri Ulker Environment Competition, Jury Member, organized by Turkish Marine Environment Protection Association (TURMEPA) and Yildiz Holding, 2013 – present.
- Sustainable Business Awards, Jury Member, organized by “Sustainability Academy”, 2014-present.
- EC for 7<sup>th</sup> Framework Project on Sustainable Surface Transport, External Evaluator, 2007 – 2013.
- Coca-Cola Company for “Business Awards of Suppliers”, Jury Member, 2013.
- WBCSD in Turkey for “Business Awards in Sustainability”, Jury Member, 2013.
- European Business Awards for the Environment, EU, Jury Member, 2006 – 2008.

### National Focal Point/Moderator/Reporter

- Moderator, “The Scientific and Technological Research Council of Turkey (TÜBİTAK), Turkish Climate Council, Science and Technology Commission, Clean and Circular Economy Working Group”, January 2022-March 2022.
- Reporter, “Policy Development for Solid Waste Recycling and Recovery and Energy Recovery from Solid Wastes”, for Turkish Presidency Science, Technology and Innovation Policies Council, November 2020-April 2021.
- The Balkan Environmental Association (B.EN.A), BU-SDCPC, (2013 – present).
- Preventive Environmental Protection Approaches in Europe (EU PREPARE), BU-SDCPC, (2006 – present).
- EU Mediterranean Action Plan- Regional Activity Centre for Cleaner Production, (2000 – 2003).

## JOURNAL PUBLICATIONS

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- **Kıran-Cılız, N.**, Kalıpçiođlu, C., Korkmaz, A.P., Uzun, M., Deđirmen, C., Barın, S., (2022), “İecek Endüstrisinden Kaynaklanan Cam ve Pet Ambalaj Atıklarının evresel Sürdürülebilirlik Kapsamında Deđerlendirilmesi”, [Evaluation of Glass and Pet Packaging Wastes Generated by Beverage Industry within the Scope of Environmental Sustainability]. In M. Bulut & C. Korkut (Eds.), Circular Economy and Sustainable Living (pp. 359-384). Turkish Academy of Sciences.
- **Kıran-Cılız, N.**, Uzun, M., Deđerirmen, C., Kalıpçiođlu, C., Moralı, E.K., Atay, S., Ulutař, Ö., Aki, Z., Dađ, K., Kesimal, Y., Ecer, M., Birpınar, M.E., (2022), “Kiřisel Bakım ve Kozmetik Ürünleri İin Ulusal evre Etiketleri Geliřtirilmesi ve Deđer Zincirinde evresel Etki Deđerlendirmesi”, [National Ecolabelling Criteria Development for Personal Care and Cosmetic Products and Environmental Impact Assessment in the Value Chain]. In M. Bulut & C. Korkut (Eds.), Circular Economy and Sustainable Living (pp. 411-444). Turkish Academy of Sciences.
- Cicerali, E., Kalıpçiođlu, C., Erdođan, Z., Uzun, M., Deđerirmen, C., **Kıran-Cılız, N.**, Baltař, Z., (2022), “Yeni Koronavirüs Hastalıđı (Covid-19) ve Yol Atıđı Pandeminin öp Atma Alıřkanlıklarına Etkileri Üzerine Deđerlendirme”, [Evaluation of New Coronavirus Disease (Covid-19) Pandemic on Waste Generation Habits]. In M. Bulut & C. Korkut (Eds.), Circular Economy and Sustainable Living (pp. 445-466). Turkish Academy of Sciences.
- **Kıran-Cılız, N.**, Deđerirmen, C., Uzun, M., Kalıpçiođlu, C., Abdulkadir Ahmed, I., Birpınar, M.E., Ecer, M., Moralı, E.K., Atay, S., Ulutař, Ö., Aki, Z., Dađ, K., Kesimal, Y., (2022), “The Contribution of LCA Applications to the Development of National Ecolabel Criteria for the Personal Care and Cosmetic Sector”, International Journal of Innovation and Engineering and Science Research, 6(1), 30-40.
- Mammadov, A., **Cılız, N.**, (2017, Eylül), “Yařam Döngüsü Analizi (LCA): Tanımı, Amacı, Sürdürülebilirlik Kavramları ile İliřkisi ve Sanayideki Yeri”, Kalkınmada Anahtar Verimlilik Dergisi, Sayı: 345, 4-9, Bilim, Sanayi ve Teknoloji Bakanlığı Verimlilik Genel Müdürlüđü, Ankara.
- Baydar, G., Mammadov, A., Apiř, D., **Cılız, N.**, (2017, Eylül), “Türkiye’deki Pamuklu Tekstil Ürünlerinin Yařam Döngüsü Analizi (LCA)”, Kalkınmada Anahtar Verimlilik Dergisi, Sayı: 345, 10-18, Bilim, Sanayi ve Teknoloji Bakanlığı Verimlilik Genel Müdürlüđü, Ankara.

- Temizel-Şekeryan, Ş., Başar, H.M., **Ciliz, N.**, (2017, Eylül), “Kişisel Bakım Ürünleri Üretiminde Karar Verme Mekanizmaları (LCA)”, Kalkınmada Anahtar Verimlilik Dergisi, Sayı: 345, 19-26, Bilim, Sanayi ve Teknoloji Bakanlığı Verimlilik Genel Müdürlüğü, Ankara.
- Hacıyusufoğlu, B., Başar, H.M., **Ciliz, N.**, (2017, Eylül), “Farklı Çimento ve Betonların Karşılaştırmalı Yaşam Döngüsü Analizi (LCA) ve LEED Sertifikalı Binalarda Etkilerinin Değerlendirilmesi”, Kalkınmada Anahtar Verimlilik Dergisi, Sayı: 345, 27-35, Bilim, Sanayi ve Teknoloji Bakanlığı Verimlilik Genel Müdürlüğü, Ankara.
- Daylan, B., Korkmaz, A.P., **Ciliz, N.**, (2017, Eylül), “Alternatif Ulaşım Yakıtı olarak Lignoselülozik Biyoetanölün Yaşam Döngüsü Analizi (LCA) ve Çevresel Yaşam Döngüsü Maliyet Analizi”, Kalkınmada Anahtar Verimlilik Dergisi, Sayı: 345, 36-44, Bilim, Sanayi ve Teknoloji Bakanlığı Verimlilik Genel Müdürlüğü, Ankara.
- Korkmaz, A.P., Apiş, D., **Ciliz, N.**, (2017, Eylül), “Yaşam Döngüsü Analizinin (LCA) Ambalaj Atıklarının Geri Dönüşümündeki Önemi”, Kalkınmada Anahtar Verimlilik Dergisi, Sayı: 345, 45-48, Bilim, Sanayi ve Teknoloji Bakanlığı Verimlilik Genel Müdürlüğü, Ankara.
- Nayal, F.S., Mammadov, A., **Ciliz, N.**, (2016), “Environmental assessment of energy generation from agricultural and farm waste through anaerobic digestion”, Journal of Environmental Management, 184, 389-399.
- Daylan, B., **Ciliz, N.**, (2015, November 21), “Life cycle assessment (LCA) and environmental life cycle costing analysis of lignocellulosic bioethanol as an alternative transportation fuel”, Renewable Energy.
- Baydar, G., **Ciliz, N.**, Mammadov, A., (2015), “Life cycle assessment of cotton textile products in Turkey”, Resources, Conservation and Recycling, 104, 213-223.
- Lozano, R., **Ciliz, N.**, Ramos, T., Blok, V., Caeiro, S., Hoof, B., Huisingsh, D., (2015), “Bridges for a more sustainable future: Joining Environmental Management for Sustainable Universities (EMSU) and the European Roundtable for Sustainable Consumption and Production (ERSCP) conferences”, Journal of Cleaner Production, 106, 1-700.
- Daylan, B., **Ciliz, N.**, Mammadov, A., (2013), “Hazardous process chemical and water consumption reduction through cleaner production application for a zinc electroplating industry in Istanbul”, Resources, Conservation and Recycling, 81, 1–7.
- **Ciliz, N.**, Lozano, R., Huisingsh, D., Quist, J., (2013), “Bridges for a more sustainable future: uniting continents and societies”, Journal of Cleaner Production, 39, 388-391.

- Buyukbay, B., **Ciliz, N.**, Goren G.E., Mammadov, A., (2010), “Cleaner production application as a sustainable production strategy in a Turkish printed circuit board plant”, *Resource, Conservation and Recycling*, 54, 744-751.
- Baban, A., Yediler, A., **Kiran-Ciliz, N.**, (2010), “Integrated water management and CP implementation for wool and textile blend processes”, *Clean*, 38 (1), 84 – 90.
- Mehmetli, E., Dogan, O., Tiris, M., **Kiran-Ciliz, N.**, Matuschek, G., (2008), “Thermolysis product distribution of solid waste obtained from olive oil production”, *Clean*, 36(39), 315-319.
- Baban, A., Yediler, A., **Kiran-Ciliz, N.**, Kettrup, A., (2004), “Biodegradability oriented treatability studies on remaining composite wastewater of a woolen textile dyeing and finishing plant”, *Chemosphere*, 54, 731-738.
- **Kiran-Ciliz, N.**, Ekinci, E., Snape, C.E., (2004), “Pyrolysis of virgin and waste polypropylene and its mixtures with waste polyethylene and polystyrene”, *Waste Management*, 24, 173-181.
- Gurbuz S., **Kiran-Ciliz, N.**, Yenigun, O., (2004), “Cleaner production implementation through process modifications for selected SMEs in Turkish olive oil industry”, *Journal of Cleaner Production*, 12, 613-621.
- Budinova, T., Savoal, D., Petrov, N., Razvigorova, M., Minkova, V., **Ciliz, N.**, Apak, E., Ekinci, E., (2003), “Mercury adsorption by different modifications of furfural adsorbent”, *Industrial and Engineering Chemistry Research*, 42(10), 2223-2229.
- **Kiran-Ciliz, N.**, (2003), “Reduction in resource consumption by process modifications in cotton wet processes”, *Journal of Cleaner Production*, 11(4), 481-486.
- **Kiran, N.**, Ekinci, E., Snape, C.E., (2000), “Recycling of plastic wastes via pyrolysis”, *Resource Conservation and Recycling*, 29(4), 273-285.
- **Kiran, N.**, (2000), “Waste management techniques for selected solid wastes”, Guest Editorial, *Resource Conservation and Recycling*, 29(4), 249-250.
- **Kiran, N.**, Yenigun, O., Borekci, O., (1996), “Wind induced circulations of the Black Sea”, *Water Science and Technology*, 32(7), 87-94.

## CONFERENCE PRESENTATIONS/PROCEEDINGS

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- **Kiran-Ciliz, N.**, “Chemical recycling (upcycling) process – Generating energy from plastic waste using chemical processes”, Black Sea Connect Marine Litter Action Forum, Plastic Circularity, 2022, November 14.
- **Kiran-Ciliz, N.**, “LCA Studies and Calculation of Climate Change Effects by LCA”, 2021 United Nations Climate Change Conference (COP26), Sustainable Production and Consumption Policy Examples in Turkey and Their Impacts on Low Carbon Emissions: Ecolabelling and Life Cycle Assessment (LCA) Studies, 2021, November 10.
- **Kiran-Ciliz, N.**, “Environmental Impact Assessment in Waste Management with Value Chain Analysis”, Marmara Urban Forum – Trash Revolution: No Life to Waste, 2021, October 1-3.
- Uzun, M., **Kiran-Ciliz, N.**, Muezzinoglu, M., “Environmental Performance of Bread Using Cradle-to-Grave Life Cycle Assessment Methodology”, the 20th European Roundtable for Sustainable Consumption and Production (ERSCP), Graz, Austria, 2021, September 8-10.
- Degirmen, C., **Kiran-Ciliz, N.**, “Resource and Environmental Profile Evaluation of Cosmetic and Personal Care Products with LCA Methodology”, the 20th European Roundtable for Sustainable Consumption and Production (ERSCP), Graz, Austria, 2021, September 8-10.
- **Kiran-Ciliz, N.**, “Seçilmiş Ambalajlar için Çevresel Sürdürülebilirlik Uygulamaları”, [Evaluation of Packaging Waste Management in Terms of Life Cycle Assessment and Circular Economy], Turkish Academy of Sciences (TÜBA), Sustainable Development, Finance and Environment Working Group, Circular Economy Symposium, 2021, February 19-20.
- **Ciliz, N.**, “Eco-Design for Environmental Sustainability”, Ally for Future, Organized by Family Ministry of Labor and Social Services, 14-21, December 2019.
- **Ciliz, N.**, “Sustainable Production and Consumption Patterns”, Conference on Sustainable Production, Organized by Sweden Consulate, 2019, April 27.
- **Ciliz, N.**, “Sustainable Campus Applications”, Environment, Coast and Zero Waste Conference, organized by Ministry of Environment and Urbanization, Muğla, Sarıgerme, 2019, April 14.
- **Ciliz, N.**, “Electronic Waste Management for Turkey”, Waste Management Conference, Ministry of Environment and Urbanization 2017, Antalya, February 2017.



- Temizel, S., **Ciliz, N.**, “Decision Making Tools in the Production Systems of Personal Care Products”, Green & Sustainable Chemistry Conference, Intercontinental Hotel Berlin, Germany, April 2016.
- **Ciliz, N.**, “Life Cycle Assessment Applications for Plastic Packaging in Turkey: Laundry Detergents”, Flexible Packaging Middle East Conference, Dubai, UAE, December 2015.
- **Ciliz, N.**, Mammadov, A., “Development of the National Life Cycle Inventory Database of Turkey”, the Third Annual International Conference on Sustainable Development (ICSD), New York, USA, September 2015.
- Mammadov, A., **Ciliz, N.**, “Biodiesel replacing diesel in İstanbul public transport: A life Cycle Approach”, LCA in Energy System Session, 20th SETAC Europe LCA Case Study Symposium, Novi Sad, Serbia, November 2014.
- Hacıyusufoglu, B., **Ciliz, N.**, “Life cycle assessment of different types of cement concrete and its impact on LEED Certificated Buildings”, Green Infrastructure and Sustainable Societies/Cities (GreInSu'14) Conference, Izmir, Turkey, May 2014.
- **Ciliz, N.**, Tunali, M., Kulce, G., “Boğaziçi University as a sustainable and green campus concept in Turkey”, 16th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP) and 7th Conference of the Environmental Management for Sustainable Universities (EMSU), Istanbul, Turkey, June 2013.
- **Ciliz, N.**, Mammadov, A., “Life cycle assessment for sustainable transport fuel production in Istanbul”, 16th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP) and 7th Conference of the Environmental Management for Sustainable Universities (EMSU), Istanbul, Turkey, June 2013.
- **Ciliz, N.**, Mammadov, A., “Sustainability evaluation of laundry detergent using life cycle assessment methodology”, 16th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP) and 7th Conference of the Environmental Management for Sustainable Universities (EMSU), Istanbul, Turkey, June 2013.
- Daylan, B., **Ciliz, N.**, Mammadov A, Yıldırım H., “Lignocellulosic bioethanol production and consumption in Turkey”, 16th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP) and 7th Conference of the Environmental Management for Sustainable Universities (EMSU), Istanbul, Turkey, June 2013.
- Kundaklar, F., **Ciliz, N.**, “Sustainable energy action plan development for selected municipality”, 16th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP) and 7th Conference of the Environmental Management for Sustainable Universities (EMSU), Istanbul, Turkey, June 2013.

- Kulce, G., **Ciliz, N.**, “A managerial roadmap for the integration of selected sustainable development indicators for Akyaka region”, 16th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP) and 7th Conference of the Environmental Management for Sustainable Universities (EMSU), Istanbul, Turkey, June 2013.
- Tunali, M., **Ciliz, N.**, Baban, A., “Implementation of life cycle assessment for an anaerobic digestion plant in a university campus as a decision mechanism”, 16th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP) and 7th Conference of the Environmental Management for Sustainable Universities (EMSU), Istanbul, Turkey, June 2013.
- Tunali, M., **Ciliz, N.**, Baban, A., Coban, V., “Design and energy balance of an anaerobic digestion plant for utilization of food leftovers of a university in Istanbul”, 16th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP) and 7th Conference of the Environmental Management for Sustainable Universities (EMSU), Istanbul, Turkey, June 2013.
- Sisman Nayal, F., **Ciliz, N.**, “Anaerobic digestion of agricultural & animal wastes and the comparison of its environment impact potential with the fossil fuel and renewable energy systems”, 10th Global Conference on Sustainable Manufacturing, Istanbul, Turkey, October 2012.
- Tunali, M., **Ciliz, N.**, “Implementation of life cycle assessment for an anaerobic digestion plant in a university campus as a decision mechanism” 10th Global Conference on Sustainable Manufacturing, Istanbul, Turkey, October 2012.
- **Ciliz, N.**, Yildirim H., Izbul E., Daylan B., “The challenges associated with lignocellulosic bioethanol production and consumption considering renewable energy policies in Turkey”, 15th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP), Bregenz, Austria, May 2012.
- **Ciliz, N.**, Daylan B., Mammadov A., Tukenmez S., “An environmental life cycle assessment analysis of lignocellulosic bioethanol as an alternative transportation fuel”, 15th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP), Bregenz, Austria, May 2012.
- Morina, E., **Ciliz, N.**, Ekinci E., Buyukbay, B., “Energy savings in production industry”, RENET, International Renewable Energy Conference (IREC), Boğaziçi University, Istanbul, Turkey, November 2009.
- Ozata, I., **Ciliz, N.**, Mammadov, A., Buyukbay, B., Ekinci, E., “Comparative LCA approach for sustainable transport fuel production from waste cooking oil and rapeseed”,

13th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP), Aalborg, Denmark, June 2009.

- Morina, E., **Kiran-Ciliz, N.**, Ekinçi, E., “Economic Advantages of Resource Conservation through Process Modifications in the Selected Dairy Industry: a case study for a plant located in Istanbul”, 10th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP), Antwerp, Belgium, October 2005.
- Alkan, A., **Kiran-Ciliz, N.**, Gurbuz S., “Life cycle assessment applications for glassware products; a case study: Sisecam products”, 2nd International Conference on Life Cycle Management, F.C. Pique, .R. Pons, V.1, p.182-188, Barcelona, Spain, September 2005.
- Gurbuz S., **Kiran-Ciliz, N.**, Yenigun, O., “Cleaner production implementation in olive oil industry”, 8th Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP), Cork, Ireland, UK, October 2002.
- Gurbuz S., **Kiran-Ciliz, N.**, Yenigun O., “Water conservation in olive oil industry with the implementation of cleaner production methodology”, Regional Symposium on Water Recycling in Mediterranean Region, International Water Association (IWA), p. 99-103, Greece, September 2002.
- Baban A, **Kiran-Ciliz, N.**, Olgun, H., “Compost potential of chicken manure: a study from Corum”, ISWA World Environment Congress and Exhibition, V.2, p. 1293-1300, Istanbul, Turkey, July 2002.
- **Kiran, N.**, Baban, A., “Enhancements of energy and water conservation concept in textile industry”, Global Competitiveness through Cleaner Production, J.A. Scott and R.J. Pagan, p. 565-573, Brisbane, Australia, April 1999.
- **Kiran, N.**, Ozdogan, S., “Integration of process energy supply options into cleaner production into textile industry”, The Kriton Curi International Symposium on Environmental Management in the Mediterranean Region, p. 947-955, Antalya, Turkey, June 1998.
- **Kiran, N.**, Hilmioglu, B., “Contribution of low efficiency combustion appliances to air pollution in Turkey”, International Symposium and Workshop Environment and Interaction, paper:42 Porto, Portugal, November 1996.

## BOOK CHAPTER

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- Chapter Editor: **Kiran-Ciliz, N.**, Uzun, M., Degirmen, C., & Kalipcioglu, C. “Sürdürülebilir Çevre Yönetimi [Sustainable Environmental Management]”. In A. Bilgin, B. Gokkir, G. Erpul (Eds.), *Çevre Diplomasisi ve Türkiye [Environmental Diplomacy and Turkey]*. In press.
- Chapter Editor: **Kiran-Ciliz, N.**, Uzun, M., Değirmen, C., Kalıpçioğlu, C., Birpınar, M.E., Karahan, E., Akdeniz, R., Bilgiç-Karabulut, S., Küçük, D., Çakır, H., Balcı, M., (2022), “Certification Implementations in Zero Waste Management: Türkiye as an Example with Legislative Regulations”. In K. Yenigün, A. Turan, T. Çamaş (Eds.), *Zero Waste*, in Turkish, in English, and in Arabic. Turkish Ministry of Environment, Urbanization and Climate Change. ISBN: 978-625-7076-36-4.

## POSTER PRESENTATIONS

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- Yıldırım H., Daylan B., **Ciliz, N.**, “Lignin recovery from agricultural residues for waste minimization”, The Third Annual International Conference on Sustainable Development (ICSD), New York, USA, September 2015.
- Buyukbay, B., **Ciliz, N.**, “The optimization of dilute acid and steam-explosion pretreatment and enzymatic hydrolysis to increase bioethanol yield from Turkish wheat straw and corn stover”, Global Biotechnology Congress 2014, Boston, USA, June 2014.
- Kulce, G., **Ciliz, N.**, “Evaluation of organic farming as a sustainability indicator for the Akyaka region”, International Congress on Green Infrastructure and Sustainable Societies/Cities (GreInSu'14), Izmir, Turkey, May 2014.
- **Ciliz, N.**, “Supply Chain Management Approach for Textile Products”, Sustainable Brands Conference, Sustainability Academy, Istanbul, Turkey, 2014.
- Nayal, F., **Ciliz, N.**, Ekinci, E., Mammadov, A., Baban, A., Atabarut, T., “Cleaner production implementation for the integrated tannery in Turkey”, WasteEng10: 3rd International Conference on Engineering for Waste and Biomass Valorization, Beijing, China, May 2010.
- Buyukbay, B., **Ciliz, N.**, Goren G.E., “Pollution prevention and resource conservation applications for a Turkish electroplating industry: a case study in Istanbul”, 12th ERSCP, Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP), Berlin, Germany, September 2008.
- **Kiran-Ciliz, N.**, Ozturan, M., Gurbuz, S., Ekinci, E., “Life cycle assessment implementation for the disposal processes of waste PE and PS plastic dishes”, 9th

Conference of the European Roundtable on Sustainable Consumption and Production (ERSCP), Bilbao, Spain, May 2004.

## ORAL PRESENTATIONS

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- **Ciliz, N.**, “Sustainable Green Campus at Boğaziçi University”, at various Turkish National University Conferences (Samsun 19 Mayıs Univ, Ege Univ, Akdeniz Univ, İnönü Univ), 2019.
- **Ciliz, N.**, Başar, H.M., “Sustainable Production and Consumption Indicators of UN-SDGs”, sponsored by Ministry of Development and ESCARUS, Ankara, May 2017.
- **Ciliz, N.**, Kundaklar, F., “Sustainability Applications in Mega Cities”, Sustainable Cities and Urban Expo, organized by WALD, UCLG and MEWA, Istanbul, 2016.
- **Ciliz, N.**, Daylan, B., “Biofuels and Environmental Impacts”, supported by Istanbul Development Agency (İSTKA) and coordinated by Koç University, Boğaziçi University, BU-SDCPC, February 2015.
- **Ciliz, N.**, “The Role of Turkish UNSDSN Network”, The Sustainable Development Goals in the G20 Countries Conference, hosted by SDSN Turkey, Boğaziçi University, Istanbul, Turkey, November 2015.
- **Ciliz, N.**, “Towards Sustainable Development Goals: Agricultural Residue Management”, Expo Milano: Feeding the Planet, Energy for Life. Milano, Italy, October 2015.
- **Ciliz, N.**, “Current Situation on National LCA Database Development in Turkey”, Life Cycle Initiative and JRC Workshop on LCA databases - database conformance and dataset review LCM, Bordeaux, France, September 2015.
- **Ciliz, N.**, Temizel, S., "Shoot a goal for a #BrightFuture, #GlobalGoals" Seminar, The importance of 17 Sustainable Development Goals launched by UNSDSN, Unilever Head Office, Turkey, October 2015.
- **Ciliz, N.**, Temizel, S., “#KnowYourGoals” Seminar, Discussing and Understanding the 17 Sustainable Development Goals launched by UNSDSN, Boğaziçi University, Turkey, September 2015.
- **Ciliz, N.**, “Life Cycle Assessment-Overview”, A series of Certificate Programme on Sustainable Development, in cooperation with Boğaziçi University Life Long Learning Center (BUYEM), Boğaziçi University, Istanbul, Turkey, May 2015.

- **Ciliz, N.**, “Special Academy Program for Retired Professionals” in cooperation with Boğaziçi University Life Long Learning Center (BUYEM), Boğaziçi University, Istanbul, Turkey, April 2015.
- **Ciliz, N.**, “Special Academy Program for Retired Professionals” in cooperation with Boğaziçi University Life Long Learning Center (BUYEM), Boğaziçi University, Istanbul, Turkey, November 2014.
- **Ciliz, N.**, “Sustainable Production Workshop: Life Cycle Assessment and Energy Productivity in Industry”, Opening Speech, organized by Turkish Ministry of Science, Industry and Technology and Boğaziçi University Sustainable Development and Cleaner Production Center, Boğaziçi University, Turkey, December 2014.
- **Ciliz, N.**, Alkan, A., Kundaklar, F., Hacıyusufoglu, B., “Cleaner Production Applications in Turkey - Finding Ways to Adapt in Industrial Parks. Case Study: Dairy Industry.” supported by Ankara Development Agency, Ankara, Turkey, November, 2014.
- **Ciliz, N.**, Tanner S., “Environmental Education and Resilient Communities”, 2014 Course for Sustainability - Living Laboratories: Resilience and Sustainability of Municipalities, Venice, Italy, October 2014.
- **Ciliz, N.**, Yildirim H., “Life Cycle Assessment and Approaches in Plastic Waste Management”, International Workshop on Recycling Technologies in Plastic Industry, supported by UNIDO, TUBITAK-BUTAL, Bursa, Turkey, September 2014.
- **Ciliz, N.**, “The Impact of Supplier-end Processes in the Overall Sustainability of Consumer Products”, Sustainable Brands, Turkey, May 2014.
- **Ciliz, N.**, Mammadov, A., “LCA Case Study in Turkey – Laundry Detergents”, International Workshop on LCA Database Development and Key Applications, Beijing, China, March 2014.
- **Ciliz, N.**, Okur, R., “The scope of Green Production Clean Future Project” supported by Istanbul Development Agency (ISTKA), Stuttgart University, Germany, November 2013.
- **Ciliz, N.**, “An Integrated Approach for Sustainable Life Styles at Boğaziçi University”, 3rd International Symposium ZEBISTIS-Zero Emission Building-Integrating Sustainable Technologies and Infrastructure Systems, Istanbul, Turkey, October 2013.
- **Ciliz, N.**, “Green Campus Implementation in Boğaziçi University”, Sustainable Development Academy organized by REC-Hungary and The Ministry for the Environment, Land and Sea of Italy, International Venice University, Venice, Italy, October 2013.

- **Ciliz, N.**, “Effects of the Universities on the Regional Sustainable Urban Development”, Project Management for Urban Development and ICT, PM Summit, Boğaziçi University, Turkey, September 2013.
- **Ciliz, N.**, “Integrating Dimensions of Sustainable Lifestyles into University Landscapes: An Example from Boğaziçi University”, Southeast Europe Business Forum, Istanbul, Turkey, November 2012.
- **Ciliz, N.**, “What Do We Know About Energy Efficiency and Which Predictions Should be Taken?”, 5th Global Warming Congress, Istanbul, Turkey, May 2013.
- Tunali, M., **Ciliz, N.**, Baban, A., “LCA of Biogas in Turkey”, Enlargement and Integration Workshop Scientific Basis of Biomass Sustainability in EU Energy Policy, Istanbul, Turkey, May 2012.
- **Ciliz, N.**, Daylan, B., “What is Cleaner Production? What are the gains and components of Cleaner Production?”, Cleaner Production Applications and Life Cycle Assessment in EU, Antalya, Turkey, March 2012.
- **Ciliz, N.**, “How to succeed in green production initiatives in Turkey”, SMART Start-Up Green Entrepreneurship, Boğaziçi University, Turkey, February 2012.
- **Ciliz, N.**, “The Workshop on Architecture and Engineering of Sustainable Buildings”, Ozyegin University and Boğaziçi University, Turkey, May 2011.
- **Ciliz, N.**, A series of Certificate Programme on Sustainable Development, in cooperation with Boğaziçi University Life Long Learning Center (BUYEM), Boğaziçi University, Istanbul, Turkey, May 2011.
- **Ciliz, N.**, “Sustainable Consumption and Production Patterns in Manufacturing Sector”, Sustainable Development Panel, Boğaziçi University, Istanbul, Turkey, May 2010.
- **Ciliz, N.**, “Sustainability Now: New Opportunities Arising from Climate Change”, 2nd International Women Entrepreneurship and Leadership Summit, Istanbul, Turkey, May 2010.
- **Ciliz, N.**, “Definitions and Approaches”, EU Policies and Practices for Sustainable Supply Chains in the Retail Sector Conference, Organized by Regional Environmental Center (REC), Capacity Building in the Field of Environment Project, November 2009.
- **Ciliz, N.**, “Promoting Green Competitiveness in Turkey”, Best Available Techniques and Integrated Pollution Prevention and Control, Mechanisms to Enhance the Green Competitiveness in Turkey, National Forum, Istanbul, Turkey, October 2009.

- **Ciliz, N.**, “Dissemination of the Sustainability Reporting Application in Turkey”, “Opening Speech”, BU-SDCPC in cooperation with CSR Consulting and Turkcell A.S., Boğaziçi University, Istanbul, Turkey, October 2009.
- **Ciliz, N.**, “Internal and External Drivers of Industrialists for Sustainable Development Applications”, Turkish Industry and Business Association (TUSIAD), Istanbul, Turkey, April 2009.
- Akpınar, Y., Gur, B., Unsay, P., **Ciliz, N.**, “Evaluation of Turkish First Report on Climate Change”, PREPARE CGM, Porto, Portugal, 2008, November 9-11.
- **Kiran-Ciliz, N.**, Experiences in Graduate Lecturing on “Eco-Efficiency at Boğaziçi University”, Workshop for the Introduction of Sustainable Tools in the Curricula of Mediterranean Countries, organized by Regional Activity Centre in Mediterranean Region, Blue Week, September 2006.
- **Ciliz, N.**, “Promotion, Demonstration and Development of Sustainable Environmental Technologies for SMEs (PRODESTS)”, VITO, Belgium, April 2006.
- Alkan A., **Ciliz, N.**, Gurbuz S., “Life Cycle Assessment of The Selected Turkish Glassware Products” 2nd International Conference of Life Cycle Management (LCM), Barcelona, Spain, September 2005.
- Wenzel, H., **Kiran, N.**, “A case on: Life Cycle Assessment of Alternative Scenarios for Water Reuse in Moulded Pulp Production”, NATO/CCMS Pilot Study on Clean Products and Processes, The Danish Center for Industrial Water Management, Copenhagen, Denmark, May 2000.

## **PARTICIPATED RESEARCH PROJECTS**

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- Project Coordinator, “Development of Sustainable Consumption and Production (SCP) National Action Plan”, supported by Ministry of Environment, Urbanization and Climate Change, January 2023-December 2024.
- Project Coordinator, “Development of a Waste Management Model for the Evaluation of Municipal Organic Waste on the Basis of Certain Time Intervals”, supported by Evra Energy Industry and Trade Inc., May 2022-September 2022.
- Partner, “Go Zero-Zero Waste Management in Food Sector”, supported by EU Erasmus Programme, December 2020-June 2023.
- Project Coordinator, “Determination of Qualified Document Criteria and Scoring Principles for Zero Waste Certificate”, supported and coordinated by Ministry of Environment, Urbanization and Climate Change, November 2020-June 2021.



- Project Coordinator, “Determination of National Environmental Label Criteria for Personal Care and Cosmetic Products with Life Cycle Assessment Methodology”, supported and coordinated by Ministry of Environment, Urbanization and Climate Change, June 2020-June 2021.
- Project Partner, “Development of the Technical and Administrative Foundation for Turkish National Life Cycle Assessment Database”, supported and coordinated by the Ministry of Science, Industry and Technology, October 2017 – November 2018.
- Project Frame Founder for “Development of Turkish National Database on Life Cycle Assessment” for the Assessment of the Ministry of Science, Industry and Technology, sponsored by Boğaziçi University (2014-2017).
- Project Coordinator, “Sustainable Production and Consumption Indicators of UN-SDGs”, sponsored by Ministry of Development and ESCARUS, 2017.
- Project Coordinator, “LCA Interpretation for Selected Ceramic, Stainless Steel and Polymer Products” sponsored by Eczacıbaşı, Innovation Department, 2016-2018.
- Project Coordinator, “Water Governance Mapping Report: Textile Industry Water Use in Turkey”, sponsored by SIWI (Sweden Textile Water Initiative), June 2016-February 2017.
- Project Coordinator, “LCA Interpretation for Selected Haircare Products” sponsored by Unilever, 2014-2016.
- Project Coordinator, “Development of a National Eco-Labeling Approach for Cosmetics and Personal Care Products and Establishment of an Information Transfer Platform”, supported by Istanbul Development Agency (ISTKA), October 2015 – September 2016.
- Project Partner, “Development of Biofuel Platform in Istanbul for Renewable Energy Production; KUBIP”, supported by Istanbul Development Agency (ISTKA) in partnership, coordinated by Koç University Engineering Faculty, September 2014 – August 2015.
- Project Coordinator, “Structure Development for Effective Medical Waste and Hazardous Waste Management System” supported by HEAT Information Technologies, December 2013-February 2014.
- Project Coordinator, “By-Product Utilization Opportunities from Pre-treatment and Fermentation Processes of Selected Agricultural Residues”, supported by Boğaziçi University Scientific Research Projects, March 2013 – March 2015.

- Project Partner, “Middle East and North Africa (MENA) CEO Platform Development for Green Growth”, supported by REC-Hungary and The Ministry for the Environment, Land and Sea of Italy, June 2013 – December 2013.
- Project Coordinator, “Plants For People – Defense Against Indoor Air Pollution”, supported by EDEN Zirai ve Tic. Ltd. Sti, October 2013-January 2014.
- Project Partner, “University Educators for Sustainable Development (UE4SD)”, The European Commission under the Life Long Learning Programme – Erasmus Academic Networks, October 2013-present.
- Project Coordinator, “Covenant of Mayors and Life Cycle Assessment for Selected Buildings of Kadikoy Municipality”, supported by Municipality of Kadikoy, April 2013 - April 2014.
- Project Coordinator, “Covenant of Mayor Sustainable Energy Action Plan (SEAP) Development for Selected Municipality Kadikoy”, supported by Municipality of Kadikoy, April 2013-July 2013.
- Project Coordinator, “Investigation of Carbon Footprint for Boğaziçi University”, supported by Boğaziçi University Scientific Research Projects, October 2011 - October 2012.
- Project Partner, “Boğaziçi University Hamlin Hall LEED Certification Green Building Project”, supported by Boğaziçi University Rectorate, January 2010 – May 2012.
- Project Partner, “Eco-Buildings as a Part of a Low Carbon Solution (Phase 1)”, supported by Italian Ministry for the Environment Land and Sea, March 2011 – June 2011.
- Project Partner, “Eco-Buildings as a Part of a Low Carbon Solution (Phase 2)”, supported by Italian Ministry for the Environment Land and Sea, September 2011 – December 2011.
- Project Partner, “Integration of Eco-Region Concepts for Akyaka”, Turkey supported by The Ministry for The Environment, Land and Sea of Italy, September 2011.
- Project Partner, “Green Production and Clean Future Project”, supported by Istanbul Development Agency, coordinated by Istanbul Chemicals and Chemical Products Exporters Association, February 2013- January 2014.
- Project Partner, “GRECO Initiative, Assessment of the State of Cleaner Production in Selected Industries in Turkey”, supported by the Regional Activity Centre for Cleaner Production (CP/RAC) under the United Nations Environment Programme - Mediterranean Action Plan, June 2011 – December 2011.

- Project Partner, “Vision 2050 Turkey: Projected Consumption Habits, Energy and Resource Efficiency”, supported by Turkish Industry and Business Association (TUSIAD), June 2011–September 2011.
- Project Coordinator, “Bioethanol Production from Agricultural Wastes for Waste Minimization and Carbon Budget Analysis” supported by TUBITAK 1001 Projects, May 2011-August 2015.
- Project Coordinator, “Carbon Analysis with Bioethanol Production from Agricultural Residues”, supported by Boğaziçi University Scientific Research Projects Coordination, August 2010 – August 2014.
- Project Coordinator, “Life Cycle Assessment for Selected Laundry Products of Unilever Turkey”, supported by Unilever Turkey, July 2009 – March 2011.
- Project Coordinator, “An Integrated Environmental Life Cycle Assessment and Life Cycle Costing Analysis of Agricultural Waste And Residue Based Bioethanol as an Alternative Transportation Fuel”, supported by Boğaziçi University, Scientific Research Projects Coordination, May 2009 – June 2011.
- Project Coordinator, “Strategic Planning for Cleaner Energy Production in the City of Istanbul via Utilization of Biomass for Energy and Transportation Issues”, supported by Boğaziçi University Scientific Research Projects Coordination, August 2004 – January 2009.
- National Coordinator, “Promotion, Demonstration and Development of Sustainable Environmental Technologies for SMEs (PRODESTS)”, coordinated by VITO, Belgium, supported by EU Sixth Framework Programme, April 2004 – April 2006.
- Project Coordinator, “Development of Life Cycle Assessment Methodology for Glassware Products and Comparison of the Results for the Selected Software Packages”, supported by Boğaziçi University Scientific Research Projects Coordination, August 2003-July 2004.
- Project Coordinator, “Development of a Decision Support Tool for Life Cycle Assessment of Plastic Waste Disposal Processes” supported by Boğaziçi University Scientific Research Projects Coordination, April 2002 – June2003.
- Project Coordinator, “Management of Manure”, TUBITAK-MRC-ESERI supported by Republic of Turkey Ministry of Environment, September 2000 – November 2001.
- Project Coordinator, “Thermolysis of Solid Residues from Olive Oil Industry”, supported by Scientific and Technological Cooperation between Turkey and Germany (Julich), June 1999 –June 2002.

- Project Coordinator, “On-line Surveying of Multiple Automatic Analyzing Stations for Improving Wastewater Management and Environment in Textile Industry”, EUREKA Project, TUBITAK-MRC, Altinyildiz Textile And Apparel Inc., Centro Technologico Das Industrias Texteis E Do Vestuario De Portugal, February 1999 – December 2001.

## ACTIVITIES

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- Moderator, 7<sup>th</sup> International Automotive Engineering Conference, Carbon Reduction and LCA, Istanbul, 17-18/11/2022.
- Panelist, “Green Growth Based on Science and Technology”, EnTech Sustainability and Zero Waste Expo, Ankara, Turkey, November 2022.
- Speaker on “Sustainable University Campus Applications for Boğaziçi University” for dissemination of Green Campus concept at 19 Mayıs University, İnönü University, Ege University, Municipalities and at various Foundations’ and Associations’ Conferences, (2015-2019).
- Coordinator, “e-learning on Sustainable Development for Turkish Universities”, sponsored by Unilever, Boğaziçi University, 2016-2018.
- Moderator, “Electronic Wastes and Their Management by Certified Bodies”, Ministry of Environment and Urbanization, TÜBİSAD, Boğaziçi University, February 2016.
- Moderator, “SDSN Youth | Turkey’s Launch and Forum with Prof. Jeffrey Sachs”, The Sustainable Development Goals in the G20 Countries Conference, Boğaziçi University, Istanbul, Turkey, November 2015.
- Moderator, “Life Cycle Assessment Applications in Turkey”, 5th National Productivity Congress, Ankara, October 2015.
- National Representative, Sixth Meeting of the SDSN Leadership Council, Paris, France, June 2015.
- Expert for Unilever Sustainable Living Plan, “Roundtable on Sustainable Agriculture”, Istanbul, Turkey, May 2015.
- Panelist, on “Sustainable Development Goals and Indicators for OECD Countries: Indicators and Thresholds Workshop, UNSDSN, Paris, France, April 2015.
- Panelist, “International Conference on Sustainable Development Practice” Leadership Council, UNSDSN, Columbia University, New York, USA, 2014.

- National Expert, Speaker, “Roadmap for Turkish National LCA Database Development”, “3rd International Meeting on Intergovernmental Cooperation on LCA”, organized by US EPA, USDA and UNEP, Washington DC, USA, 2014.
- Expert for “Eco-Innovation Guideline Development Workshop”, organized by UNEP and Denmark Technical University (DTU), Prague, Czech Republic, 2014.
- Moderator, UNSDSN-Turkey Launching, “Panel on Green Campus”, Boğaziçi University, Istanbul, Turkey, June 2014.
- Expert, “Roundtable on Sustainable Tea Production”, Unilever Sustainable Living Plan, Unilever, Istanbul, Turkey, May 2014.
- Expert contribution for “1st Meeting on Opportunities and Challenges for a National LCA Platform and a National LCA Database in Turkey”, organized by the Ministry of Science, Industry and Technology, November 2013.
- Lecturer, Sustainable Development Academy, “Sustainable Life Style Concept for University Students”, Sustainable Development Academy, organized by Italian Ministry Land, Sea and Environment, Venice International University (VIU), Venice, Italy, July 2013.
- Lecturer, “Sustainability Living Laboratories: Resilience and Sustainability of Municipalities, Global Green Economy”, Sustainable Development Academy, organized by Italian Ministry Land, Sea and Environment and Regional Environment Center (REC), Venice International University (VIU), Italy, November – December 2012.
- Expert for the National Report Preparation of the Rio+20 for the Ministry of Development for United Nations Conference on Sustainable Development (UNCSD), Brazil, June 2012.
- Speaker, “Sustainable University and Green Campus”, organized by Higher Education Council of Turkey (YÖK), Istanbul Sabahattin Zaim University, Istanbul, Turkey, April 2012.
- Speaker, “Sustainable Life Styles for Young Generations”, Global Human Development Forum, supported by United Nations, Istanbul, Turkey, March 2012.
- Speaker, “MED TEST Regional Workshop”, MAP-RAC/CP in cooperation with Exima and Boğaziçi University, Istanbul, Turkey, May 2012.
- Moderator, Foresight Global Environment Migration Med Workshop, Boğaziçi University, Istanbul, Turkey, February 2011.
- Panelist, “Understanding Sustainable Development”, The Turkish Foundation for Combating Soil Erosion, for Reforestation and the Protection of Natural Habitats (TEMA), Istanbul, Turkey, March 2010.

- Speaker, “Sustainable Consumption and Cleaner Production for Turkey”, Closing Ceremony for 6th Environmental Management for Sustainable Universities (EMSU) and 14th European Roundtable for Sustainable Production and Consumption (ERSCP), Delft University, Delft, Netherlands, October 2010.
- Speaker, “Sustainable Green Campus Applications”, Cooperation on Environmental Protection for Sustainable Development in Black Sea and Caspian International Conference within the framework of 5th World Water Forum, Istanbul, Turkey, March 2009.
- Expert for “Sustainable World for Children” activity, UNICEF, Istanbul, Turkey, 2006.

## **ORGANIZER & CHAIRPERSON**

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- Organization Committee Member, “International Conference on Biofuels and Microalgae”, Koç University, supported by Istanbul Development Agency (ISTKA), Istanbul, Turkey, July 2015.
- Chairperson for the Workshop “Global Guidance Principles for LCA Data and Databases, LCA Case Studies in Turkey, Barriers & Key Challenges”, UNEP Life Cycle Initiatives and SETAC, Boğaziçi University, BU-SDCPC, Istanbul, Turkey, February 2015.
- Organization Committee Member, “Sustainable Production Workshop: Life Cycle Assessment and Energy Productivity in Industry”, organized by Turkish Ministry of Science, Industry and Technology and BU-SDCPC, Boğaziçi University, Turkey, December 2014.
- Moderator, “LCA Methodology and SoFi Software Training”, PE-Consultants, BU-SDCPC, Boğaziçi University, Istanbul, Turkey, September 2013.
- Organizer and Chairperson for the Conference “7th Environmental Management for Sustainable Universities (EMSU) and 16th European Roundtable on Sustainable Production and Consumption (ERSCP)”, Boğaziçi University, BU-SDCPC, Istanbul, Turkey, 2013, June 4-7.
- Organizer and Chairperson, “SMART Start-Up Green Entrepreneurship”, BU-SDCPC in collaboration with Regional Activity Centre for Cleaner Production (CP/RAC), UNEP Mediterranean Action Plan (MAP), UNEP/Wuppertal Institute Collaborating Centre on Sustainable Consumption and Production (CSCP), Boğaziçi University, Istanbul, Turkey, February 2012.
- Organizer, “Green Entrepreneurship Certificate Program”, BU-SDCPC in cooperation with Mediterranean Action Plan - CP/RAC, UNEP/Wuppertal Institute for SPC, February 2012.

- Organization Committee Member, A series of Certificate Programme on “Sustainable Development”, BU-SDCPC in cooperation with Regional Environment Center (REC) and Boğaziçi University Life Long Learning Center (BUYEM), 2007 – 2012.
- “Eco-Building Solutions for Low Carbon Future”, BU-SDCPC in cooperation with the Ministry for the Environment, Land and Sea of Italy, Regional Environmental Center Turkey (REC Turkey) and Turkish Green Building Council (CEDBIK), April 2011.
- “Environmental Management for Sustainable Universities”, Prof. Donald Huisingh Visiting from Lund University, International Institute for Industrial Environmental Economics”, BU-SDCPC, Boğaziçi University, Istanbul, Turkey, March 2011.
- “Corporate Sustainability Certificate Program”, BU-SDCPC in cooperation with Regional Environmental Center Turkey (REC Turkey), May-June 2010.
- “Dissemination of the Sustainability Reporting Application in Turkey”, BU-SDCPC in cooperation with CSR Consulting and Turkcell A.S., Boğaziçi University, Istanbul, October 2009.
- “The Sustainability Reporting Training”, BU-SDCPC in cooperation with Regional Environmental Center (REC) and Global Reporting Initiative, Istanbul, Turkey, March 2009.
- Sustainable Environment and Productivity Summit, organized by Johnson Diversey, Electrolux, Grundfos, 2008.
- Organization of Preventive Environmental Protection Approaches in Europe (PREPARE) Cooperation Meeting, Boğaziçi University, Istanbul, Turkey, August 2007.

## TECHNICAL REPORTS

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- **Kiran-Ciliz, N.,** Degirmen, C., Uzun, M., “Technical Report”, Boğaziçi University, CARF Research Center - Environmental Sustainability Working Group, sponsored by Evra Energy Industry and Trade Inc. within the scope of <Development of a Waste Management Model for the Evaluation of Municipal Organic Waste on the Basis of Certain Time Intervals> Project, September 2022.
- **Kiran-Ciliz, N.,** Uzun, M., Degirmen, C., “Good Practices Report”, Boğaziçi University, Sustainable Development and Cleaner Production Center, sponsored by the Erasmus+ Program of the European Union within the scope of <Go Zero-Zero Waste Management in Food Sector> Project, January 2022.
- **Kiran-Ciliz, N.,** Uzun, M., Berkay, E.A., Gultas, Z., Kozal, D., Degirmen, C., Kalipcioglu, C., Mamasoglu, S., “Final Report”, Boğaziçi University, Sustainable

Development and Cleaner Production Center, sponsored by Ministry of Environment, Urbanization and Climate Change within the scope of <Determination of National Environmental Label Criteria for Personal Care and Cosmetic Products with Life Cycle Assessment Methodology> Project, June 2021.

- **Kiran-Ciliz, N.**, Uzun, M., Degirmen, C., Kalipcioglu, C., Barin, S., “National Report”, Boğaziçi University, Sustainable Development and Cleaner Production Center, sponsored by the Erasmus+ Program of the European Union within the scope of <Go Zero-Zero Waste Management in Food Sector> Project, May 2021.
- **Kiran-Ciliz, N.**, Uzun, M., Berkay, E.A., Gultas, Z., Kozal, D., Degirmen, C., Kalipcioglu, C., Mamasoglu, S., “Environmental Label Reference Guide”, Boğaziçi University, Sustainable Development and Cleaner Production Center, sponsored by Ministry of Environment, Urbanization and Climate Change within the scope of <Determination of National Environmental Label Criteria for Personal Care and Cosmetic Products with Life Cycle Assessment Methodology> Project, May 2021.
- **Kiran-Ciliz, N.**, Kalipcioglu, C., Degirmen, C., Uzun, M., “Qualified Document Criteria”, Boğaziçi University, Sustainable Development and Cleaner Production Center, sponsored by Ministry of Environment, Urbanization and Climate Change within the scope of <Determination of Qualified Document Criteria and Scoring Principles for Zero Waste Certificate> Project, May 2021.
- **Ciliz, N.**, Akdeniz, S., “Environmental Sustainability Report of Boğaziçi University”, Boğaziçi University Rectorate, 2019.
- **Ciliz, N.**, BU-SDCPC researchers, “2011-2019 Interim Reports for Sustainable Green Campus Programme of Boğaziçi University”, Boğaziçi University Rectorate, 2011-2019.
- **Ciliz., N.**, Mammadov A., “Methodology Report for the Development of National Database on Life Cycle Assessment”, Boğaziçi University, Sustainable Development and Cleaner Production Center, sponsored by the Ministry of Science, Industry and Technology, September 2018.
- **Ciliz., N.**, Mammadov A., “Organizational and Managerial Structure Report for the Development of National Database on Life Cycle Assessment”, Boğaziçi University, Sustainable Development and Cleaner Production Center, sponsored by Ministry of Science, Industry and Technology, September 2018.
- **Ciliz, N.**, Yıldırım, H., Apiş, D., “LCA Interpretation for Selected Ceramic, Stainless Steel and Polymer Products” sponsored by Eczacıbaşı, 2018.
- **Ciliz, N.**, Başar, H.M., “Sustainable Production and Consumption Indicators of UN-SDGs”, sponsored by Turkish Ministry of Development and ESCARUS, 2017.



- **Ciliz, N.,** Temizel, Ş., “Water Governance Mapping Report: Textile Industry Water Use in Turkey”, sponsored by SIWI (Sweden Textile Water Initiative), February 2017.
- **Ciliz, N.,** Temizel, Ş., Yıldırım, H., Yiğit, B.B., “Development of Eco-Labeling Roadmap for Turkish Personal Care and Cosmetics”, sponsored by Istanbul Development Agency, Ministry of Economy, 2014-2016.
- **Ciliz, N.,** Yildirim H., Temizel S., “Structure Development for Effective Medical Waste and Hazardous Waste Management System, Handbook of Research on Waste Management Techniques for Sustainability”, accepted for publication in May 2015.
- **Ciliz, N.,** Daylan, B., Yildirim, H., “Bioethanol Production from Agricultural Wastes for Waste Minimization and Carbon Budget Analysis”, supported by TUBITAK 1001 projects, Final Report, 2015.
- **Ciliz, N.,** Yildirim, H., Mammadov, A., “Development of Biofuel Platform in Istanbul for Renewable Energy Production (KUBIP)”, supported by ISTKA Project, Final LCA Report, 2015.
- **Ciliz, N.,** Yildirim, H., Temizel, S., Kundaklar, F., Hacıyusufoglu, B., Erdem, E., “Unilever Sustainable Living Plan”, Workshop Report, 2015.
- **Ciliz, N.,** Mammadov, A., “Global Guidance Principles for LCA Data and Databases”, Progress Report for Turkey, sponsored by UNEP Life Cycle Initiatives, 2015.
- **Ciliz, N.,** Yildirim, H., “By-Product Utilization Opportunities from Pretreatment and Fermentation Processes of Selected Agricultural Residues”, Boğaziçi University Scientific Research Projects, Final Report, 2015.
- **Ciliz, N.,** Yildirim, H., Hacıyusufoglu, B., “Structure Development for Effective Medical Waste and Hazardous Waste Management System”, supported by HEAT Information Technologies, Final Report, 2014.
- **Ciliz, N.,** Daylan B., Yildirim, H., “Carbon Analysis with Bioethanol Production from Agricultural Residues”, Boğaziçi University, Scientific Research Projects, Final Report, 2014.
- **Ciliz, N.,** Temizel, S., Okur, R., Kundaklar, F., “Unilever Sustainable Living Plan”, Workshop Report, 2014.
- **Ciliz, N.,** Kulce, G., Tanner, S., “Plants for People – Defense against Indoor Air Pollution”, EDEN Zirai ve Tic. Ltd. Sti, Final Report, 2014.

- **Ciliz, N.**, Cleaner Production for Sustainable Competitiveness, Technology Development Foundation of Turkey (TTGV), ISBN-978-605-64392-1-6, p. 43, 2014 (in Turkish).
- **Ciliz, N.**, Tunali, M., “Life Cycle Assessment for Selected Buildings of Kadikoy Municipality”, Covenant of Mayors, Final Report, 2014.
- **Ciliz, N.**, Okur, R., “Interim Report for Sustainable Green Campus Programme of Boğaziçi University”, Boğaziçi University Rectorate, 2014.
- Tanner, S., **Ciliz, N.**, Kundaklar, F., Hacıyusufoglu, B. “Green Growth Initiation in Selected MENA Countries and Turkey – Quantitative Report”, CEO Platform for Green Growth, Italian Ministry of Land, Sea and Environment, 2013.
- Tanner, S., **Ciliz, N.**, Kundaklar, F., Hacıyusufoglu, B. “Green Growth Initiation in Selected MENA Countries and Turkey – Qualitative Report”, CEO Platform for Green Growth, Italian Ministry of Land, Sea and Environment, 2013.
- Kundaklar, F., **Ciliz, N.**, Dograr, A., Sumer, S., “Development of Sustainable Energy Action Plan for Kadikoy Municipality”, Covenant of Mayors, Final Report, 2013.
- **Ciliz, N.**, Buyukbay, B., Mammadov, A., “Vision 2050 Turkey Report - Projected Consumption Habits, Energy and Resource Efficiency” supported by Turkish Industry and Business Association (TUSIAD), 2011.
- **Ciliz, N.**, Buyukbay, B., “Preparation and Publication of Sustainable Production and Consumption Booklet Series – Cleaner Production”, REC Turkey, 2011.
- **Ciliz, N.**, Buyukbay, B., Mammadov, A., “Assessment of the State of Cleaner Production Selected Industries in Turkey”, CP/RAC Report, 2011.
- **Ciliz, N.**, Buyukbay B., Mammadov A., “An Integrated Environmental Life Cycle Assessment and Life Cycle Costing Analysis of Agricultural Waste And Residue Based Bioethanol as an Alternative Transportation Fuel”, Boğaziçi University Scientific Research Projects Coordination, Final Report, 2011.
- Nayal, F., **Ciliz, N.**, “Animal Manure Management through Life Cycle Assessment for Methane Production”, supported by TUBITAK KAMAG-1007 Project, Final LCA Report, 2011.
- Keskin, B., Tuncer, B., **Kiran-Ciliz, N.**, Cevik, O., Erol, P., “GRI-Sustainability Reporting Guidelines in Turkish”, CSR Consulting, supported by TURKCELL, peer reviewer, 2009.

- **Ciliz, N.**, Akpınar, Y., Baydar, G., Mammadov, A., “Introduction to Sustainable Life Cycle Assessment and Brief Review on Carbon Footprint Reduction Benefits of the New Compact Laundry Detergents”, Unilever Turkey, Final Report, 2008.
- **Ciliz, N.**, Akpınar, Y., Baydar, G., Mammadov, A., “Carbon Footprint Reduction Benefits and Water Savings Associated with the New Compact Laundry Detergents”, Unilever Turkey, Final Report, 2008.
- **Ciliz, N.**, Kumbaroglu G., Buyukbay, B., Mammadov A., Guran B., Onal S., Goren G.E., Ozata, I., “Strategic Planning for Cleaner Energy Production in the City of Istanbul via Utilization of Biomass for Energy and Transportation Issues”, Boğaziçi University Scientific Research Projects, Final Report, 2009.
- **Kiran-Ciliz, N.**, Interim monthly, annual Reports of “Promotion, Demonstration and Development of Sustainable Environmental Technologies for SMEs”, EU Sixth Framework Programme, 2004- 2006.
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## **HONORS & AWARDS**

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- “National Zero Waste Award *as future promising entity*” by the Presidency of Turkey, (one of the six awards given to different types of national entities) November 2018.
- UN National Award “Rio+20 National Success Story Award” for research study on “Evaluation of Ecological Criteria for Cotton Textile Products”, 2012.

- Postdoctoral Fellowship, British Council for PhD research at Strathclyde University, Pure and Applied Chemistry Department.
- World Bank Fellowship for postdoctoral research at Technical University of Denmark, Institute for Product Development.
- Boğaziçi University Foundation Periodic Awards for Publications.