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I have an environmental engineering degree, an MS degree on Environmental Engineering with a focus on water and a PhD in Environmental Technologies on modeling of waste to energy systems. During my PhD studies I was awarded a joint scholarship from Forschungszentrum Jülich Germany and TUBITAK (National Science Foundation of Turkey) and conducted a significant part of the thesis studies in Germany. Although keeping to this highly valuable technical track would be the most reasonable decision as my thesis co- advisor was Prof Dr. Ihsan Barin with a global recognition on the topic and offered the opportunity to stay in Germany and work with him, I thought for any kind of decision making albeit the technical solutions are very important, there are other factors that have a strong impact. So this was the beginning of my curiosity in venturing to understand how the businesses or governments make their decisions.



My initial step towards this was to abandon all that I had gained during my PhD thesis studies and become a consultant working on major projects where I had to oversee how projects are managed with the financial constraints, environmental impacts and even social restrictions. During this time, I even ventured to have a start-up with securing funds from angel investors. I worked in Turkey and Dubai in managerial roles, which provided me with the experience of how especially businesses make their decisions.

Fast forward, following some 10 years in the private sector, once again I was ready to transform this know-how to academia, to be able to do research and also teach for business students how they should be able to understand environmental, societal, financial and governance aspects to all that they are provided with.

This is why, although I am an environmental engineer, I began working for the Business Schools of the universities. In the initial university that I was a faculty member, I introduced all these relevant courses and we even had one where we cooperated with interested professors to teach sustainability from their points of views, i.e. a marketing professor discusses sustainable marketing or an HR did how HR policies should be revised in light of the changes. I had the opportunity to set up the Sustainable Business Platform between the university and TUSIAD (Turkey's Business Association), becoming its first director.

Meanwhile as universities are similar to businesses and they have a double take on sustainability, not just by their impact in research and education but also that they have their own buildings and operation, I side stepped started coordinating all the efforts in becoming a sustainable university.

So the second journey of being part of the academic world has been going on since 2009. I had different posts as an assistant professor and in all these I have kept my teaching research directly focused on trying to get business minds to understand that sustainability is not a romantic concept anymore but rather it is the resilience of any given business and even any given corporation for that matter.

I define myself an industrial ecologist where although I have pretty in-depth know-how on all ESG's, as I have a technical background on environment, this naturally became a focus for me.

Education

- Environmental Technologies, PhD, Bogazici University, Institute for Environmental Sciences, 2003
- Environmental Technologies, MSc, Bogazici University, Institute for Environmental Sciences, 1994
- Environmental Engineering, BEng, Istanbul Technical University, 1992
- Uskudar Amerikan Kız Koleji, AAG 1987

Publications

- Leal Filho, W., Ribeiro, P.C., Setti, A.F., Azam, F.M.S., Abubakar, I.R., Castillo-Apráiz J., Tamayo U, Özuyar P.G., Frizzo K, Borsari B. ***Toward food waste reduction at universities***. Environ Dev Sustain. 6:1-22. (2023) doi: 10.1007/s10668-023-03300-2. Epub ahead of print. PMID: 37362965; PMCID: PMC10163564.
- Leal Filho, W., Ozuyar, P.G., Dinis, M.A.P. et al. ***Living labs in the context of the UN sustainable development goals: state of the art***. Sustainability Science, 18, 1163–1179 (2023). <https://doi.org/10.1007/s11625-022-01240-w>
- Leal Filho, W., Ng, A.W., Sharifi, A. Sharifi,A., Janová,J., Özuyar, P.G., Hemani, C., Heyes, G., Njau, D., Rampasso, I. et al. ***Global tourism, climate change and energy sustainability: assessing carbon reduction mitigating measures from the aviation industry***. Sustainability Science 18, 983–996 (2023). <https://doi.org/10.1007/s11625-022-01207-x>
- Leal Filho, W., Kotter, R., Özuyar, P.G.; Abubakar, I.R., Eustachio, J.H.P.P., Matandirotya, N.R. ***Understanding Rare Earth Elements as Critical Raw Materials***. Sustainability 2023, 15, 1919. <https://doi.org/10.3390/su15031919>
- Leal Filho, W., Barbir, J., Özuyar, P.G., Nunez, E., Diaz-Sarachaga, J.M., Guillaume, B., Anholon, R., Rampasso, I.S., Swart, J., Velazquez, L.; et al. ***Assessing Provisions and Requirements for the Sustainable Production of Plastics: Towards Achieving SDG 12 from the Consumers' Perspective***. Sustainability 2022, 14, 16542. <https://doi.org/10.3390/su142416542>
- Leal Filho, W., Ismaila Rimi, A., Nunes, C., Platje, J., Ozuyar P., Will, M., Nagy, G., Al-Amin A Q., Hunt, J., David, L., (2021). ***Deep Seabed Mining: A Note on Some Potentials and Risks to the Sustainable Mineral Extraction from the Oceans***. Journal of Marine Science and Engineering, 9, 521
- Ozuyar, Pinar; Bayhantopçu, Esra (2021). ***Yüksek Öğrenim Kurumlarının Sosyal Etkilerinin Ölçümü Üzerine Karşılaştırmalı bir Analiz, (A Comparative Analysis on the Measurement of Social Impacts of Universities)***, Beykoz Akademi Dergisi, 9(1), 136-149.
- Bayhantopcu, Esra; Ozuyar, Pinar (2021). ***Sürdürülebilir Üniversitelerin Yönetişim-Strateji Çalışmaları ve İletisimi İçin Karşılaştırma Bazlı Bir Yaklaşım Önerisi (A Comparative based proposal for governance-management and communication of Sustainable Universities)***. Selçuk Üniversitesi Sosyal Bilimler Enstitüsü Dergisi, 45, 396-412.
- Ozuyar, Pinar, Gursoy, Cigdem (2021). ***Türkiye'deki Bilimsel Yayınlarda Döngüsel Ekonomi Teriminin Yeri (The Circular Economy Term in Academic Papers in Turkey)***. İletme Akademisi Dergisi, 2(4).

- Ozuyar, Pinar, Gurcan Efe Can, Bayhantopcu, Esra, (2021). ***The Policy Orientation of Turkey's Current Climate Change Strategy*** (Türkiye'nin Güncel İklim Değişikliği Stratejisinin Ana Yönelimi). BRIQ Journal Belt and Road Initiative Quarterly, 2(3), 31-46.
- Ozuyar, Pinar (2021). ***İs Dünyasının Sürdürülebilirlik Yaklaşımı; Türkiye Göstergeleri (Sustainability Approaches of the Business: Indicators for Turkey)***. Sakarya Üniversitesi İşletme Enstitüsü Dergisi, 3(1), 139-144.
- Ozuyar, Pinar (2021). ***Fındık Sektörünün Karbon Ayakizinin İncelenmesi Yoluyla Sektörün İklim Değişikliğine Etkisinin Değerlendirilmesi (Evaluation of the Impact of the Hazelnut Sector on Climate Change by Examining the Carbon Footprint)***. Uluslararası Yönetim ve Sosyal Araştırmalar Dergisi, 8(15), 1-12.
- Leal Filho, W., Fritzen, B., Ruiz V.V., Paço, A., Zhang, Q., Doni, F., Azul, A.M., Vasconcelos, C., Nikolaou, I., Skouloudis, A., Weressa, M., Marcewska, M., Price, E. Anholon, R., Rampasso Izabella, Quelhas, O., Lange Salvia, A., Ozuyar, P., Moggi, S., Wu, Y. (2021). ***Social innovation for sustainable development: assessing current trends***. International Journal of Sustainable Development & World Ecology, Doi: 10.1080/13504509.2021.2013974
- Ozdemir, Sebnem, Ozuyar, Pinar, Sundu, Mustafa (2021). ***The Effect of Artificial Intelligence on Sustainable Development Goals***. Tarih Okulu Dergisi, 14(1), 2246-2265.
- Ozuyar, Pinar (2021). ***Circular Economy Practices in Turkey and Their Potential Interaction with Climate Change Mitigation and Adaptation***. Academic Review of Humanities and Social Sciences (ARHUSS), 4(1), 18-32.
- Ozuyar, Pinar (2020). ***Governance of Internationally Recognised, Declaration Based Sustainability Tools, Case for Universities in Turkey***. Journal of Global Strategic Management, 14, 19-30.
- Hishe, H., Giday, K., Soromessa, T., Van Orshoven, J., Muys, B., Barati, A., Moghaddam, S.M., Ozuyar, P., Azadi, H., (2020). ***Should we Leave Nature Unattended or Assist through Enrichment to Foster Climate Change Mitigation? Exclosure Management in the Highlands of Ethiopia***. Environmental Management, 65, 490-499.
- Latifi, S., Michael Hauser, Hossein Raheli, Saghi Movahhed Moghaddam, Ants-Hannes Viira, Pinar Gökcin Ozuyar, Hossein Azadi, ***Impacts of organizational arrangements on conservation agriculture: insights from interpretive structural modeling in Iran***, Agroecology and Sustainable Food Systems, 2020
- Hadgu Hishe, Kidane Giday, Teshome Soromessa, Jos Van Orshoven, Bart Muys, Ali Akbar Barati, Saghi Movahhed Moghaddam, Pinar Gökcin Ozuyar, Hossein Azadi, ***"Should we leave nature unattended or assist through enrichment to foster climate change mitigation? Exclosure management in the highlands of Ethiopia"***, Environmental Management, 2020.
- Beyca, Omer Faruk; Ervural, Beyzanur Cayir; Tatoglu, Ekrem; Ozuyar, Pinar Gokcin; Zaim, Selim, 2019. ***"Using machine learning tools for forecasting natural gas consumption in the province of Istanbul,"*** Energy Economics, Elsevier, vol. 80(C), pages 937-949.
- Journal of Cleaner Production, Lucas Veigas Ávila; Luciana Brandli; Collin MacGregor; Petra Molthan-Hill; Pinar Gökçin Özuyar; Rodrigo Moreira; ***Barriers to Innovation and Sustainability at Universities around the World*** Volume 164, 2017, 1268-1278.
- Çeçen F., Gökçin P., ***'Removal of Nutrients from Fertilizer Industry Wastewaters Using Activated Sludge and Biofilm Reactors'***, Water Science and Technology, No. 12, pp. 141-148, 1996.

Conference Papers:

- Ozuyar, Pinar (2020) *How to Teach Strategic Sustainable Entrepreneurship? A Proposal for Higher Education* , 5 th International EMI Entrepreneurship & Social Sciences Congress, 404-415.
- Lambrechts, Wim, Janssens Kim, Ozuyar, Pinar, Mandels Jason (2021). *Sustainable Supply Chain Management in Luxury Brand Conglomerates, Window Dress to Impress?* IPSERA ONLINE CONFERENCE 2021 'Purchasing Innovation and Crisis Management' 30TH ANNUAL MEETING, 77-77.
- Q. Wang, R. Ocal, G. Augenbroe, M. P. Mengüç, P. Ozuyar, (2015) '*An Evaluation of Energy Efficiency Measures in a Turkish Campus Building for Thermal Comfort and Economic Risk,*' 14th International Conference of the International Building Performance Simulation Association, Hyderabad – India, 7-9 December 2015.
- P. Ozuyar, N.N. Deniz (2013) '*Industrial Symbiosis: an innovative tool for environmental protection and sustainable development in the Black Sea Basin*', 16th Conference of the European Roundtable on Sustainable Consumption and Production, Boğaziçi University, Istanbul.
- Demirel, O.F., Zaim, S., Çaliskan, A, Ozuyar, P., *Forecasting Natural Gas Consumption in Istanbul Using Neural Networks and Multivariate Time Series Methods* , 01.08.2011, The Turkish Journal of Electrical Engineering & Computer Sciences
- Barin, I., Gokcin, P., Atabarut, T., '*Co-incineration of Different Wastes: Waste Utilization and Waste to Energy Systems*', The Kriton Curi International Symposium on Environmental Management in the Mediterranean Zone, Antalya, Haziran15-18, 1998.

Book Chapters

- Ozuyar, P.(2018) *Lessons learned about the hindering factors for regional cooperation towards the mitigation of climate change*, Addressing the Challenges in Communicating Climate Change Across Various Audiences, Springer, ISBN:978-3-319-98293-9.
- Ozuyar, P., Beyhan, T., (2017) *Aligning Sustainable Development Principles and Sectoral Education*, 'Handbook on Sustainability Science' , Springer, ISBN:978-3-319-63006-9
- Ozuyar, P. (2018) '*Sürdürülebilir Kalkınma; Temel Kavramları ve İzleme Süreçleri*' (*Sustainable Development; Basic Concepts and Monitoring Processes*), Sürdürülebilir Yaşam Penceresinden Yerel ve Kırsal Kalkınma, Özyeğin Press ISBN:9786055625108.
- Ozuyar, Pinar (2021) *Sürdürülebilir Kalkınma Amaçları Çerçevesinde Yenilikçilik Innovation in the Framework of Sustainable Development Goals* Is Dünyasında Yenilik Yönetimi ve Yenilikçi Yaklaşımlar ÖZUYAR PINAR, Artikel Akademi, ISBN:978-605-70206-9-7
- Ozuyar, Pinar (2021) *Kurumsal Sosyal Sorumlulugun Kavramsal Gelisimi ve Bir Yaklaşım Önerisi (Conceptual Development of Corporate Social Responsibility and a Proposal for an Approach)* Teoride İktisadi, Mali ve Finansal Uygulama ve Anlayışlar, Gazi Kitapevi, ISBN:978-625-7358-94-1
- Ozuyar, Pinar (2021) *Katı Atık Yakma Sistemleri Seçimi ve Yönetimi için İklim Degisikliginin Stratejik Karar Vermeye Etkisi (The Impact of Climate Change on Strategic Decision Making for Solid Waste Incineration Systems Selection and Management)*, Bilimsel Arastirmalar Kitabı, Akademisyen Yayınevi, ISBN:978-625-7401-08-1

- Ozuyar, Pinar, Dincer, Evren (2021) *Yesil Girişimcilik ve Güncel bir Belediye Uygulama Örneği (Green Entrepreneurship and a Current Municipality Practice Example)*, Küresel Girişimcilik Güncel Gelismeler, Beta Basım Yayım, ISBN:978-625-436-078-7

Editorial

- Encyclopaedia for UN Sustainable Development Goals, Springer, Deputy Editor (Responsible for 23 Associate Editors)
- Encyclopaedia for Sustainability in Higher Education, Springer, Associate Editor
- Akademik Disiplinlerde Sürdürülebilirlik (Sustainability in Academic Disciplines -in Turkish), Nobel Publishing, 2023.
- SDGs in Africa and the Middle East Region, Springer, 2022-ongoing

Projects, European Union, United Nations and US-NSF

Project Researcher, Life Cycle and Life Cycle Cost Analysis, TICKOTEX, Multifunctional protective textile goods' repellents, EU Eureka, 2014-2017

Project Researcher, Life Cycle and Life Cycle Cost Analysis, PhotoCAT- Nano Structured Photocatalytic Textile Materials, EU, 2014-2016

Project Researcher, Project Researcher on Waste, Water as well as Life Cycle Analysis Sections, EU FP7: NEED4B project on Energy Efficient New Buildings, 2011-2015.

Project Director, SYMNET – SYMNET IPA EU Black Sea Crossborder Cooperation Program Project on Industrial Symbiosis among Black Sea countries, 2011-2013.

Co-coordinator, Sus-Built Workshop Project, "Architecture and Engineering of Sustainable Green Buildings Workshop", NSF –USA, 2011

Project Coordinator, UNDP ve TUKODER (Association for the Protection of Consumers), 1999

Project Coordinator, Strengthening of Association for The Protection of Consumers (TÜKODER), EU-MEDA, 1996

Projects, TUBITAK-Turkish National Science and Technology Agency

Project Researcher, TUBITAK 2501: Risk Management of Energy Retrofits in Urban Development Projects, , In collaboration with Georgia Institute of Technology,, US NSF-TUBITAK, 2014 - 2015

Project Researcher, Thermodynamical Analysis of Thermal Treatment of Municipal Wastes, TUBITAK & KFA Julich, 1995-2000 –(PhD Thesis), Germany

Project Researcher, Project on Nutrient Removal from Industrial Wastewaters, TUBITAK, 1993-1996 (MSC Thesis)

Projects, Consultancy

Project Researcher, For Citizen-Focused Urban Development and Transformation; An Inclusive and Sustainable Model Proposal, Buyukcekmece Urban Development and Transformation Model, Buyukcekmece Municipality, 2021

Project Director, Environmental Impact Assessment for International Financing of Biga Calcite Quarry, Private, 2016

Project Director, Carbon Footprint Analysis of the Hazelnut Sector, Giresun Chamber of Agriculture, 2012

Project Director, Market Entrance Study for a Waste Recycling Company on the Actual and Future Situation in Turkey concerning Hazardous Waste Disposal, Befesa GmbH, 2011

Project Director, ESIA for Samsun Port Privatisation, Ceynak Holding, 2010

Project Engineer, EIA for a Petroleum Pipeline, Dubai, UAE, Private, 2006.

Project Engineer, DAS Island Rehabilitation EIA, Dubai, UAE. Private, 2006

Project Director, Environmental Due Diligence Assessment of Berkosan Factory, Tauw bv, 2002

Project Director, Environmental Due Diligence of Cine Akmaden Mines (Sodium Feldspar, Potassium Feldspar and quartz) , Private, 2002

Project Director, Project on Emergency Response Planning, Environmental and HSE EDD for Ankara, Positron 911 (CAN) 2002

Project Director, Adana Pilsa Plastik için Faz 1 ve 2 EDD , TAUW(NL), Sabanci Holding ve Wavin (NL), 2002

Project Engineer, Project Engineer, Seyitömer Coal Firing Power Station (600 MWe) and Seyitömer Coal mine EIA, Environmental and HSE Audit for M&A (privatization) works, NRG Energy (USA) / Zinerji A.S. (TR), 2000 – 2001

Project Director, Project Director, Eskişehir Sewerage, Drinking Water, Network and SCADA Engineering and Tender Documentation Preparation, Eskişehir Municipality, 2001

Project Engineer, Kangal Coal Firing Power Station and Kangal Coal mine EIA, Environmental and HSE Audit for M&A (privatization) works, NRG Energy (USA) / Zinerji A.S. (TR), 2000 – 2001

Project Director, KENTSA, Adana, Çanakkale and Mersin Power Stations; EIA and environmental Permits work, ENERJISA, SABANCI Group of Companies, 2001

Project Engineer, Preliminary Air Emission Quality Study and Environmental Problems and the Necessary Measures for a Ready-mix Concrete Plant, Kayi Cons. Ltd., 2000

Project Coordinator, Environmental Management Systems (ISO 14000 series) in Ready-Mixed Concrete Facilities, Nuh Beton Inc., 1999

Project Researcher, Istanbul Halkali Waste Disposal Site Rehabilitation Project, Istanbul Municipality, 1996

Projects, other

Co-coordinator, IBM Academic Initiative Award Project : Enerji, Çevre ve Ekonomi üzerine dersler, IBM, 2011

Experience

- Assist.Prof., Faculty of Economics and Administrative Sciences, Bahcesehir University, 2022-present
- Assist.Prof., Faculty of Economics and Administrative Sciences, **Istinye University**, 2018-2022
- Advisor to the Rector on Sustainability, **Istinye University**, 2020-2022
- Head, Sectoral Development Program, **Istinye University**, Oct 2019-2022

- Deputy Editor, Encyclopaedia for Sustainable Development Goals, in charge of 23 associate editors, **SPRINGER Inc**, 2018-2020
- Lecturer, Department of Entrepreneurship, Faculty of Business, **Ozyegin University**, 2009-2018
- Founding Director, OZU-TUSIAD Sustainable Development Forum, **Ozyegin University**, 2016-2018
- Initiator, OZU SIAC /Sustainability Initiatives Advisory and Coordination, **Ozyegin University**, 2016-2018
- General Manager, www.ibsresearch.com, **IBS Research and Consultancy**, 2007 – 2009
- Business Development Consultant, www.domeint.com, **Dome Group**, 2005 – 2006, – Dubai, UAE
- Operations Director, www.ibsresearch.com, **IBS Research and Consultancy**, 2002-2004
- General Coordinator for Projects and Partner, www.seda-turkey.com, **SEDA, Social and Environmental Development Agency**, 2000-2002
- Project Coordinator, **UNDP and TUKODER (Association for the Protection of Consumers)**, 1999
- Research and Teaching Assistant, www.esc.boun.edu.tr, **Bogazici University, Institute of Environmental Sciences**, 1994-1999

Also

Student Advisor to GoGreen Competition, award winner, OZU, 2015

Student Advisor to Unilever's GreenStore Competition, award winner, OZU, 2016

Courses

- Global Change Management and Sustainability (BUS5354), Bahcesehir University, grad- in English
- Environment and Sustainable Development (GEP0633), Bahcesehir University, undergrad-in English
- Sustainable Food Systems (COP3433)- Coordinator for the course in cooperation with UN FAO, undergrad- in English
- Industrial Ecology (BA4023), Bahcesehir University, undergrad-in English
- Sustainable Management (BA3568), Bahcesehir University, undergrad- in English
- Sustainable Development, Istinye University, undergrad –in Turkish
- Sustainable Production, Istinye University, grad –in Turkish
- Fundamentals of Entrepreneurship, Istinye University, undergrad –in Turkish
- Sustainable Business, Marmara University, undergrad -in Turkish
- Industrial Ecology (MGMT 403), Ozyegin University, undergrad -in English
- Local Sectoral Expertise (SEC 302) (got listed among Best cases for ISCN-GULF's report for World Economic Forum), Ozyegin University, undergrad -in English
- Quantitative Sustainability, MGMT 738, Ozyegin University, grad -in English
- Coherent teachings on Energy, Environment and Economy, CEEE 211, (got an IBM Academic Initiative Award in 2011), Ozyegin University, undergrad -in English

Others

- TÜBİTAK – German KFAJülich Scholarship, 1995-2000
- IBM Academic Initiative Award, 2011
- Model for Sustainability in Higher Education, honorary mention, ISCN International Sustainable Campus Network, 2014
- World Economic Forum 2016, selected as one of the Best-Cases for sustainability in higher education, ‘Sectoral Education Course’
- Co-coordinator of Black Sea Industrial Symbiosis Platform
- Member of GHGMI ISO Climate Standards technical committee.
- Member for 11th Turkish National Development Plan ‘Environment and National Resources’ Working Group.
- Partner of ERASME Jean Monnet Center of Excellence on Sustainable Development.