

Pınar Gökçin Özuyar, Asst Prof Dr

Dr. Ozuyar received her BS degree in Environmental Engineering from Istanbul Technical University in 1992 and MS and PhD degrees from Bogazici University Institute of Environmental Sciences, Istanbul, Turkey. Her PhD thesis was based on the “Thermodynamic Analysis of Treatment Plants for Producing Energy from Solid Waste” which she conducted in Germany with a joint scholarship from ForschungZentrum Jülich and TUBITAK (National Science Foundation of Turkey).



Defining herself as a pracademic, she has more than 25 years of experience not only in academia but also in private sector working on environment and sector-specific activities in Turkey and Dubai (UAE). She has extensive expertise specifically in Environmental Auditing according to World Bank Standards which is required for international financing especially during company M&As and greenfield projects. Working over the years in projects involving different stakeholder groups with different priorities, she has the proven capacity for establishing a dialogue between such stakeholder groups. Although coming from a technical background, her academic work focuses on involving sustainable development into the strategies of corporations including higher academic institutions and she teaches and leads funded research on sustainability / sustainable development especially focusing on industrial ecology and regional development.

Furthermore, she is an editor and board member of the Springer’s ‘Encyclopedia for Sustainability in Higher Education Institutions’ and ‘Encyclopedia for Sustainable Development Goals’. Dr. Özuyar is also a member of the academic committee in the ‘Journal of Sustainability of Higher Education’ and ‘International Journal of Climate Change Strategies and Management’.

Dr. Özuyar is the co-coordinator of Black Sea Industrial Symbiosis Platform and a member of GHGMI ISO Climate Standards technical committee. Additionally she worked as a member for 11th Turkish National Development Plan ‘Environment and National Resources’ Working Group. Recently, she was invited to be a partner of ERASME Jean Monnet Center of Excellence on Sustainable Development.

Awards

- 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’

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

Publications

- 'How to Teach Sustainable Entrepreneurship? A Proposal for Higher Education', Ozuyar, P., 5. International EMI Entrepreneurship and Social Sciences Congress, 29-30 June 2020, Gostivar/N.Macedonia
- Somaye Latifi, 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.
- Q. Wang, R. Ocal, G. Augenbroe, M. P. Mengüç, P. Ozuyar, '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, '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, 2013.
- 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, İ., 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., 'Lessons learned about the hindering factors for regional cooperation towards the mitigation of climate change', kitap adı: *Climate Change Mitigation*, Springer Yayınevi, 2018.
- Ozuyar, P., Beyhan, T., 'Aligning Sustainable Development Principles and Sectoral Education', kitap adı: *Handbook on Sustainability Science* , Springer Yayınevi, 2017.

- Ozuyar, P., 'Sürdürülebilir Kalkınma; Temel Kavramları ve İzleme Süreçleri' (Sustainable Development; Basic Concepts and Monitoring Processes) , Sürdürülebilir Yaşam Penceresinden Yerel ve Kırsal Kalkınma, Özyeğin Yayınları, 2018.

Editorial

- Encyclopeadia for UN Sustainable Development Goals, Springer, Deputy Editor (Responsible for 23 Associate Editors)
- Encyclopeadia for Sustainability in Higher Education, Springer, Associate Editor
- Journal of Sustainability of Higher Education, Emerald
- International Journal of Climate Change Strategies and Management, Emerald

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 TÜKODER (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 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

Assistant Prof., Faculty of Economics and Administrative Sciences, **Istinye University**, 2018-present

Advisor to the Rector on Sustainability, **Istinye University**, 2020-present

Head, Sectoral Development Program, **Istinye University**, Oct 2019-present

Deputy Editor, Encyclopaedia for Sustainable Development Goals, in charge of 23 associate editors, **SPRINGER Inc**, 2018-2020

Instructor, 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:

- 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