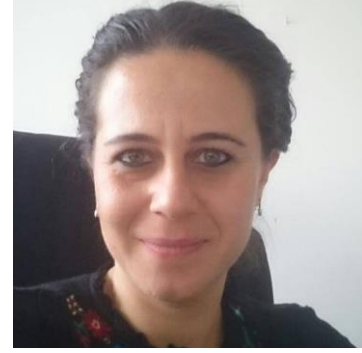


Yelda Erden-Topal

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(Last update: 11.2023)



EDUCATION

- 03/2016 Ph.D. in Science and Technology Policy Studies, Graduate School of Social Sciences
Middle East Technical University (METU), Ankara/Turkey
Dissertation Title: A Policy Design Model for Market Formation of Solar and Wind Electricity
Generation in Turkey, Supervisor: Prof. Dr. Erkan Erdil (METU, Dep. of Economics)
- 06/2008 Master of Science in Economics, Graduate School of Social Sciences
Middle East Technical University (METU), Ankara/Turkey
- 06/2005 Bachelor of Science in Economics
Faculty of Economic and Administrative Sciences
Hacettepe University, Ankara/Turkey

RESEARCH INTERESTS

Economics of Technological Change and New Technologies; Science, Technology and Innovation Policy and Politics, Technology Management, Diffusion of Emerging Renewable Energy Technologies, Renewable Energy Systems (Focus on Solar and Wind Energy), Sustainability Transitions and Climate Change

WORK EXPERIENCE

- 03/2021- Present Dr. Research Assistant,
Middle East Technical University- Department of Economics
- 03/2020- 03/2021 Post-Doctoral Researcher,
Innovation, Industrial Property and Technology Policy Research Group, Department of Business
Administration, E.T.S. Ingenieros Industriales, Universidad Politécnica de Madrid &
Renewable Energy Unit, CIEMAT-Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas
(Funded by TUBITAK 2219-International Postdoctoral Research Fellowship Program for Turkish Citizens for one year)
- 01/2012- 03/2020 Dr. Research Assistant
Middle East Technical University - Vice Presidency Office
- 09/2008- 03/2020 Researcher
Middle East Technical University - Science & Technology Policies Research Center (METU-TEKPOL)
- 09/2017- 01/2020 Part-Time Lecturer (5 semesters) (Econ 210- Principles of Economics)
Middle East Technical University- Department of Economics
- 10/2021- 07/2022 Part-Time Lecturer (1 semester) (CIT 425: Politics of Energy)
TED (Turkish Education Association) University- Global Citizenship Secondary Field
- 03/2022 02/2023 Part-Time Lecturer (2 semester) (Econ 211- Econ 212- Principles of Economics – I-II (for Industrial Eng.)
Middle East Technical University- Department of Economics

RESEARCH AND PROJECT WORK EXPERIENCE

- 10/ 2023 Advisor
05/ 2024 TÜBİTAK-2209-A Research Project Support Programme for Undergraduate Students, “Energy, Volunteerism and Non-Governmental Organizations”, Project Coordinator: Kaan Samed Çil (METU Industrial Eng. , 3rd Grade Student.)
- 10/ 2022- Researcher
09/2024 CST4ALL: Support to the activities of the Concentrated Solar Thermal technology area of the SET-Plan (GA 101075408), funded by Horizon Europe Programme, Coordinator: DLR (German Aerospace Center -Deutsches Zentrum für Luft- und Raumfahrt)
- 01/2020- Researcher & Communication and Outreach Manager
06/2023 SolarTwins: Solar Twinning to Create Solar Research Twins (SolarTwins Grant agreement ID: 856619), funded by EU H2020 Programme, Coordinator: Prof. Dr. Derek Baker (METU ME-GUNAM), <https://cordis.europa.eu/project/id/856619>
Summary of the Key Function: Actively working for the preparation and submission of the project proposal (used TUBITAK International Travel Support to improve the proposal with foreign project partners). Networking and communication activities to disseminate the project before the project kick-off to attract the interest and attendance of the national audience and stakeholders in Concentrating Solar Thermal Technologies in Turkey. Being in the organization team of the Kick-off Meeting and the Open ODAK2023 Kick-off Event hosted 95 participants including bureaucrats, academics, businessmen and researchers. Supporting the Organization of ODAKTr Seminar Series as a part of Communication, Outreach, Dissemination and Exploitation (CODE) activities of SolarTwins, contributing two of nine Joint Research Lines (JRL 8: Turkey’s EU-SOLARIS ERIC Membership and JRL 9: Social Aspects of Sustainable Energy Transitions) working for the reporting deliverables. (<http://solartwins.metu.edu.tr/>)
- 04/2019- Researcher
09/2022 HORIZON-STE: Implementation of the Initiative for Global Leadership in Solar Thermal Electricity (H-STE Grant agreement ID: 838514), Coordinator ESTELA (European Solar Thermal Electricity Association), funded by EU H2020 Programme Inst. Coordinator: Prof. Dr. Derek Baker, <https://cordis.europa.eu/project/id/838514>
Summary of the Key Function: Being in the research team and worked as the local contact point of the project team to prepare Turkey CSP Country Report(first of the 14 European Country’s Report projected to be prepared by ESTELA in H-STE Project and promoted as the reference report for other countries- report submitted in June 2020, and under review of EC), supporting the coordinator for reporting the deliverables about national conditions and opportunities for CST in Turkey in the EU Context, following the coordination meetings of the project, supporting the project consortium for outreach activities (ex: SET-PLAN JA2 Workshop).
- 06/2020- Researcher & Contributor to Proposal Writing
03/2021 TUBITAK 1004 Programme Turkish Photovoltaic Technology Platform (TFTP)- Socio-Economic Impact Assessment (SEIA) of the Research Programme
Summary of the Key Function: To work for building the research and implementation idea of the SEIA, and for the preparation and submission of the project proposal as an interdisciplinary team member from METU Faculty of Economics and Administrative Sciences and Faculty of Arts and Sciences (with Prof. Dr. Ramazan Sarı, Prof. Dr. Erkan Erdil, Assoc. Prof. Dr. Pınar Derin Güre, Asst. Prof. Dr. Besim Can Zırh). Collaboration in one of three work packages in the project to make the SEIA of the scientific research programme of TFTP and impose science and technology policy implications for improving the platform towards increasing the skills and abilities for domestic technology development in solar energy.
- 08/2014, Researcher
08/2015 TUBITAK 1002 Research Project No: 114K070-Market Formation of Electricity Generation from Renewable Sources: Solar and Wind Energy Case in Turkey, Coordinator: Prof. Dr. Erkan Erdil, METU Economics & TEKPOL
Summary of Key Functions: To work preparation and submission of the project proposal, and execution of the project to fully fund my PhD. Dissertation field research. To design science and technology policies for diffusion of electricity generation from renewable sources by analyzing supporting mechanisms and

blocking factors on market formation of wind and solar electricity generation in Turkey. Conducting the field research (57 expert interviews from public institution, research institutions and private sector organizations in Ankara, Istanbul, İzmir, Antalya, Denizli, Balıkesir, Kayseri and Gaziantep)

- 02/2012, Researcher
02/2013 The Progress Analysis of Suggestions in National Innovation Initiative-The Framework Report for Innovation, 2006-2013 Period Project
Summary of Key Functions: Working with the project team in the analysis of improvements in Turkish Science and Technology Realm that are related to realization of suggestions in “The Framework Report for Innovation” published in 2006 by National Innovation Initiative (UIG). (funded by TUSIAD-Sabancı University Competitiveness Forum)
- 01/2011, Researcher
04/2011 The Strategic Analysis of ICT Sector in Ankara Project
Summary of Key Functions: Working with the project team in strategic analysis of ICT Sector in Ankara by focusing on ICT firms in four most known technoparks in Ankara: METU-TECH, Bilkent Cyberpark, Gazi Teknopark and Hacettepe Technopolis. (Funded by: Ankara Development Agency)
- 12/2010, Researcher
10/2011 Evaluation and Restructuring of Research Centers at METU Project
Summary of Key Functions: Working with the project team in analysis of the current situation and restructuring of Research Centers (mainly reporting to Office of the President) and formulating policy proposals for new organizational structure. (funded by Ministry of Development & METU)
- 12/2009, Researcher
09/2010 Analysis of research and development activities (R&D) activities of foreign firms in the Turkish economy
Summary of Key Functions: Working with the project team in analysis of R&D activities of foreign firms (multi-national companies) in Turkish economy and preparing policy proposals depending on this analysis. (Funded by: YASED-International Investors Association of Turkey)
- 06/2009, Junior Researcher/Project Assistant
09/2010 Turkey-ICT RTD Technological Audit-Contract No:30-CE-0262072/00-15
Summary of Key Functions: Working with the project team & contributors to carry out a technological audit on ICT research in Turkey to identify: (a) The ICT RTD policy environment in Turkey and, the opportunities and barriers it presents (b) The centers of excellence and centers with development potential for FP7 ICT Theme (c) The actions that need to be taken at national and European level to increase the participation of organizations carrying out ICT RTD in both private and public sectors. (Funded by EU-DGInfSo)
- 02/2009, Project Assistant
05/2010 TUBITAK 1001 Research Project No: 108K448 “Traditional and Modern Economic Visions and Global Capitalism”
Summary of Key Functions: Assisting the project leader and researcher to construct a game-theoretic model that examines the repercussions of interactions between a “capitalist” understanding in Turkey and the “traditional” understanding that is claimed to be in contradiction with this capitalist understanding. (funded by TUBITAK)
- 06/2008, Project Assistant
09/2008 Management Consulting for Process Improvement Project
Summary of Key Functions: Working with project team to provide process improvement in issuing processes of certificates in the responsibility of General Directorate of Road Transport- Ministry of Transport of Turkey (Funded by: Ministry of Transport of Republic of Turkey)
- 06/2007, Field Researcher
06/2008 TUBITAK 1001 Research Project no: 105K151, TİFALDİ: Language test for children speaking Turkish
Summary of Key Functions: To support project team in field research to gain experience in carrying out field research in social sciences (to conduct language in six cities -Muğla, Isparta, Balıkesir, Ankara, İzmir, Hatay - in Turkey) (Funded by: TUBITAK)

PUBLICATIONS

- 2023,
December Civil Aviation Policies and Practices in Turkey in a Global Context Through Sustainable Aviation (with B. H. G. Haksevenler and N. U. Temel), *Global Challenges (SCI-Expanded)*, 10.1002/gch2.202300194
- 2023,
December Opportunities and Barriers to the Application of Solar Heat For Industrial Processes Technologies to Turkish Industrial Parks: The Case of Kayseri Industrial Park (with S. D. Akdemir), “*Urban Academy*”, <https://doi.org/10.35674/kent.1234091>
- 2023,
September Market Formation in Turkish Solar Electricity Generation: Technology Innovation System Approach, *İzmir Journal of Economics*, cilt.38, sa.3, ss.625-645 (with Erkan Erdil) (TRDizin)
- 2023,
April Veriye Dayalı bir Politika Tasarım Modeli Önerisi: Türkiye’de Yenilenebilir Enerji Teknolojilerinin Yayılmasının Niteliksel Analizi (in English: An Evidence-based Policy Design Model Proposal: Qualitative Analysis of Renewable Energy Diffusion in Türkiye), *Selçuk Üniversitesi Sosyal Bilimler Enstitüsü Dergisi*, 2023; (50): 133-155. <https://doi.org/10.52642/susbed.1221181> (TRDizin)
- 2023,
March Hidrojen Teknolojileri Araştırmalarında Disiplinlerarasılık: Toplumsal Bilimler Yaklaşımı (in English: Interdisciplinarity in hydrogen technologies research: social sciences aspects), *Journal of Polytechnic*, 26(1): 357366 (with A.U. Aydinoglu and İskender Gökalp) (ESCI and TRDizin)
- 2023,
March Hidrojen Taşınmasında Doğal Gaz Ağının Rolü (in English: The role of natural gas in the transmission of hydrogen-) in STS: Bir Disiplin Olarak Kimlik İnşası, *NEU Yayinlari*, <https://neuyayin.com/tr/acik-erisim/sts-bir-disiplin-olarak-kimlik-insasi/816> (with Volkan Dedeoğlu and İskender Gökalp)
- 2023,
January Under The Sword of Damocles in Technology Policy Making: The Cases of Turkish Health Biotechnology and Renewable Energy Sectors, *Akademi Sosyal Bilimler Dergisi*, Volume/Cilt 10 Number/Sayı 28, 2023, s.98-110 (with Gülsevım Evsel)
- 2022,
November Alternative Pathways to the Deployment of Concentrated Solar Thermal Technologies in Turkey. Middle East Technical University. Self-Published, <https://hdl.handle.net/11511/99796> (with A. A. Gercek and I. I Gunduz)
- 2022,
November Promotion of Solar Heat in Industrial Processes: Policy and Law Analysis Method Proposal with Focus on Turkey and Germany. Middle East Technical University. Self-Published, <https://hdl.handle.net/11511/99797> (with Ç. O Artantas and S. D. Akdemir)
- 2022,
September The Role of Gender in Turkish Solar Energy Research. In N. Robinson-Garcia, D. Torres-Salinas, & W. Arroyo-Machado (Eds.), 26th International Conference on Science and Technology Indicators, STI 2022(sti2237). <https://doi.org/10.5281/zenodo.6906465> (with Ö. K. Özer)
- 2022,
July “ODAKTR: Türkiye’de Odaklanmış Isıl Güneş Enerjisi Teknoloji Geliştirme ve Ağ Oluşturma Faaliyetleri (in Turkish)” *Kojenerasyon Bülteni* (Türk Kojenerasyon Derneği), no. 14, July- September, 2022 (with O. Taylan, D. K. Baker D. K. , İ. Tarı). https://kojenturk.org/pdf-goster?file=/uploads/pdf/20072022122956_24T9R07DQW9.pdf
- 2022,
June “Nudging cities towards Renewable Energy for sustainability: The Case of Istanbul (Chapter 6)” in *SDG II, Sustainable Cities and Communities Moving Forward with the Circular Economy*, (ed. Prof. Dr. Shyama Ramani (UNU-MERIT) and Dr. Hiroshan Hettiarachchi) London: Routledge (with B. Hande Gursoy- Haksevenler, Gokce Senoglu).
- 2022,
April The Policy Implications for the Deployment of Renewable Energy: The Case of Istanbul (Yenilenebilir Enerji Kullanımı ve Artırılmasına İlişkin Politika Önerileri: İstanbul Örneği, in Turkish), *İdealkent*, Issue 35, Volume 13, Year 2022-1, 5-31, DOI: 10.31198/idealkent.986475 (with Gokce Senoglu and Asst. Prof. Dr. B. Hande Gursoy Haksevenler)
- 2021,
December “Türkiye’de Yenilenebilir Kaynaklara Dayalı Elektrik Üretimini Etkileyen Faktörler: Rüzgar ve Güneş Enerjisi Örneğinde Kar Amacı Motivasyonuna göre Farklılaşan Engeller ve Destekler (in English: The Factors Effecting Renewable Energy Generation in Turkey: Different Inducement and Blocking Mechanisms depending on Profit Motivation in Solar and Wind Energy), *European Journal of Science and Technology*, 32, 901 – 916 (with Prof. Dr. Erkan Erdil and Prof. Dr. B. Hande Gürsoy-Haksevenler)

- 2020,
June Horizon STE Project (H2020 Programme) CSP / STE Turkey Country Report (*as the first country report prepared for the Deliverable 2.3 Integrated Country Report*) – submitted to EC, in process of approval, then will be available public.
- 2019,
January “Sustainability Transitions and Innovation Review: Turkey”, in *Global Map of Eco-innovation Related Policies, European Commission pg:85-147*, Ref. Ares (2019) 572347 - 31/01/2019 (with İpek Peri Savut and Serdar Türkeli)
<https://ec.europa.eu/research/participants/documents/downloadPublic?documentIds=080166e5c120c459&appId=PPGMS>
- 2018,
May “Girişimci Üniversitenin Temelleri: Üniversite ve Sanayi Neden İşbirliği Yapar? Türkiye’de Yenilenebilir Enerji Sektöründen Bir Örnek”, TSE Standard Dergi, Sayı: 666, syf: 36-44
- 2016,
March “A Policy Design Model for Market Formation of Solar and Wind Electricity Generation in Turkey”, unpublished PhD. Dissertation, Graduate School of Social Sciences, METU,
<http://etd.lib.metu.edu.tr/upload/12619831/index.pdf>
- 2015,
July “Yenilenebilir enerji kaynaklarına dayalı elektrik üretimi piyasasının oluşumu: rüzgar ve güneş enerjisi bağlamında Türkiye örneği (in Turkish)” (with Erkan Erdil& Gülsevım Evsel), TUBİTAK 114K070 Project Report, <https://app.trdizin.gov.tr/proje/TVRVMk1EYZM/yenilenebilir-enerji-kaynaklarina-dayali-elektrik-uretimi-piyasasinin-olusumu-ruzgar-ve-gunes-enerjisi-baglaminda-turkiye-ornegi>
- 2014,
April “Ulusal Inovasyon Girişimi 2006-2013 Dönemi Değerlendirme Raporu (in Turkish)”, TUSİAD Sabancı Üniversitesi Rekabet Forumu, (with Cansu Durukan, Aslı Ertan, Muhsin Doğan and Selcuk Karaata)
- 2013,
January “Değişen üniversite-sanayi işbirliğinde üniversite örgütlenmesi (in Turkish)”, SBF Dergisi, Cilt 68, No. 2, 2013, s. 95 – 127 (with Erkan Erdil, M. Teoman Pamukçu, İ. Semih Akçomak)
- 2012,
January “Establishment and Development of Academic Spin – Off Firms by Evidence from Turkey and Some Policy Recommendations”(with Alp Eren Yurtseven), Science And Technology Policies Research Center-TEKPOL Working Paper Series, STPS-WP-12/04
http://stps.metu.edu.tr/en/system/files/stps_wp_1204.pdf
- 2011,
October “METU Research Centers Evaluation Report”, METU Research Centers Project Public Report (in Turkish with Erkan Erdil, M. Teoman Pamukçu, İ. Semih Akçomak),
- 2011,
September “Analysis of R&D Activities of Foreign Firms in Turkish Economy”, YASED Project Public Report (in Turkish with Erkan Erdil, M. Teoman Pamukçu, Emek Kepenek, Tolga Gökşidan)
- 2011,
March “Turkey-ICT RTD Technological Audit, Public Report”, (with Erkan Erdil, M. Teoman Pamukçu, Serdar Türkeli, Tolga Gökşidan),
- 2009,
September “Public R&D Support and the Models of Innovation: Which model of innovation to legitimize Public R&D Policy?” (in Turkish), *Ekonomi Bilimleri Dergisi*, Cilt 1, Sayı 2, 2009 ISSN: 1309-8020

WORK in PROGRESS

1. A Systematic Review of Socio-Economic Impact Assessments of Solar Energy and Photovoltaic Technologies: Network Dynamics, Societal Problems And Policy Implications
2. “Stakeholder Analysis for Development of Concentrated Solar Thermal Technologies in Turkey: Local Integration to Global Value Chains through International Channels
3. State of the Art in SSH aspects and Gender in Green Deal Key Challenges
4. The evolution of research Activities on Solar Energy in Turkey-Two decades
5. Challenges and Opportunities for Renewable Energy Entrepreneurs in Türkiye: The case of Solar Energy
6. SolarTwins Project– Ecosystem Evaluation, Future Outlook and Consortium Assessment

7. Actor-Network Theory and Hydrogen Energy Technologies
8. Comparative analysis of innovation systems & global value chains-Literature Review and Comparative Country Analysis of Spain and Turkey

CONFERENCES / PRESENTATIONS / MEETINGS

- 11/11/ 2023 “Social Acceptance in the Nuclear Power Stations: The Case of Turkey” (with A. A. Gercek and A.U. Aydinoglu), presented in *4S-2023-Society for Social Studies of Science Conference- Sea, Sky, and Land, Engaging in Solidarity in Endangered Ecologies, November 8-11, 2023*, in Honolulu, USA
- 09/11/2023 “Introduction- Part: SSH and Gender Aspects for Green Deal Challenges” presented in *HorizonEU Programme CST4ALL Project (Online) Workshop on the Cross-Cutting Materials Challenges of Renewable Energy Technologies*.
- 08/11/ 2023 “Technology Assessment of Solar Heat for Industrial Processes (SHIP) Technologies: The Case of Turkey in Comparison to Germany and Spain” (with A. A. Gercek and A.U. Aydinoglu), presented in *4S-2023-Society for Social Studies of Science Conference- Sea, Sky, and Land, Engaging in Solidarity in Endangered Ecologies, November 8-11, 2023*, in Honolulu, USA
- 22/09/2023 “WPI Cross-Cutting Activities & Horizontal Outcomes (T1.2. External and Open Trainings to Strengthen METU, Regional and National R&I Capacities and Integration of SSH into CST research)” presented in *H2020 Programme SolarTwins –Solar Twinning to create Solar Research Twins project, 2nd (Final) Periodic Review Meeting*, online meeting with Project Officer and EC External Evaluator.
- 07/09/2023 “Karbon Nötr Kent Uygulamalarında New York Örneği ve İstanbul” (in Turkish with B. Hande Gursoy Haksevenler), EconTR 2023, IV. International Conference on Economics, September 7-9, 2023
- 08/09/2023 “Effects of the COVID-19 Outbreak on Economics Research in Turkey: Collaboration Dynamics, Topics Analysis and Gender Aspects “ (with Ozgur Kadir Ozer), EconTR 2023, IV. International Conference on Economics, September 7-9, 2023
- 07/03/2023 (Workshop) Participation to “Workshop on Research Infrastructure and Funding Alignment Needs for CST in Europe” organised in the framework of the project “Solar Facilities for the European Research Area - Third Phase” (SFERA-III) funded by the European Union’s Horizon 2020 research and innovation programme under grant agreement No 823802, EERA Premises, Brussels, Belgium (with Hande Eryilmaz)
- 25/11/2022 (Conference Presentation) “Sosyal Bilimler ve Gelecek” (in Turkish), presented in *STS TURKEY 2022 Güncel Bir Soru: STS Nedir?*, 24-25 November 2022, İstanbul/ Turkey (with İskender Gökalp)
- 21/10/2022 (Webinar) “Solar Heat for Industrial Processes- Technical, Financial and Social Aspects”,Kojenturk Seminer Series on “ Turkey on the Pathway to Decarbonization” (in Turkish), with Assoc. Prof. Dr. Onur Taylan (METU / ODTÜ_GÜNAM) and Ömer H Öрге (Enerbil/ Kojentürk) https://www.youtube.com/watch?v=zzApFwcR_D4&feature=youtu.be
- 27/09/2022 (Conference Presentation) “Passive Houses and Its Implications in Turkey - Lessons Learnt from Germany Experience”, presented in *EuroSun 2022 ISES and IEA SHC International Conference on Solar Energy for Buildings and Industry, September 25-29, 2022, Kassel, Germany* Poster Presentation (with I.I Gunduz and A. A. Gercek)

- 26/09/2022
(Conference Presentation) **Promotion of Solar Heat in Industrial Processes: Policy and Law Analysis with Focus on Turkey and Germany**, presented in *EuroSun 2022 ISES and IEA SHC International Conference on Solar Energy for Buildings and Industry*, September 25-29, 2022, Kassel, Germany, Full Paper Presentation (with S. Deniz Akdemir and O.Ç. Artantaş).
- 09/09/2022
(Conference Presentation) **Opportunities and Barriers for Solar Heat for Industrial Processes Technologies in Turkish Industrial Parks: The Case of Kayseri Industrial Park**, presented in *The 34nd Annual EAEPE Conference 2022, Tackling inequalities: New paradigms in policy and technology for a just transition and vaccine equity*, September 07-09, 2022, Full Paper Presentation (with S. Deniz Akdemir and Z. Kurt), presented by with S. Deniz Akdemir
- 08/09/2022
(Conference Presentation) **Alternative Pathways to the Deployment of Concentrated Solar Thermal Technologies in Turkey: Lessons Learnt from Case Studies of German and Spanish CST Industries**, presented in *The 34nd Annual EAEPE Conference 2022, Tackling inequalities: New paradigms in policy and technology for a just transition and vaccine equity*, September 07-09, 2022, Full Paper Presentation (with A. A Gercek and I.I Gunduz)
- 07/09/2022
(Conference Presentation) **The Role of Gender in Turkish Solar Energy Research**, presented in *26th International Conference on Science and Technology Indicators 'From Global Indicators to Local Applications*, Granada, İspanya, 7 - 09 Eylül 2022, Full Paper Presentation (with O.K Ozer), presented by with Ozgur K. Ozer
- 02/09/2022
(Conference Presentation) **Towards Sustainable Aviation: Stakeholder Analysis on Sustainable Aviation in Turkey**, presented in *1st International Conference on Sustainable Chemical & Environmental Engineering*, Rethymno, Crete, Greece, 31.08 – 04.09. 2022 (with B. Hande Gursoy Haksevenler and Nazife Ümran Temel)
- 07/07/2022
(Conference Presentation) **A Bibliometric Literature Review of Socio-economic Impact Assessments of Solar Energy and Photovoltaic Technologies**, presented in *PVCON 2022 International Conference on Photovoltaic Science and Technologies*, 5-7 July 2022 (with B. C. Zırh, P.Derin-Güre, E. Yazıcı , E. İpek, A. Deveci, E. Erdil, R.Sarı), presented by Esin Yazıcı.
- 15/12/2021
(Conference Presentation) **Türkiye’de Yenilenebilir Enerji Teknolojilerinin Yayılmasını Engelleleyen ve Destekleyen Faktörler: Rüzgar ve Güneş Enerjisi Örneği**, presented in *RDCONF2021 International Conference on Design, Research and Development* (with B. Hande Gursoy Haksevenler and Erkan Erdil)
- 23/11/2021
(Conference Presentation) **Şehir Ölçeğinde Yenilenebilir Enerji Kullanımının Desteklenmesi: İstanbul için Öneriler**, presented in *STS TURKEY 2021 KONGRESİ – STS: Bir Disiplin Olarak Kimlik İnşası*, 22-24 November 2021, Ankara/ Turkey (with Gokce Şenoğlu, B. Hande Gursoy Haksevenler)
- 23/11/2021
(Conference Presentation) **Sosyal Bilimlerde Hidrojen Araştırmalarının Yeri: Bibliometrik bir Değerlendirme**, presented in *STS TURKEY 2021 KONGRESİ – STS: Bir Disiplin Olarak Kimlik İnşası*, 22-24 November 2021, Ankara/ Turkey (with A. Umur Aydınoglu, Iskender Gokalp)
- 22/11/2021
(Conference Presentation) **Büyük Ölçekli Toplumsal-Teknik Sistemler: Kavramsal bir Çerçeve**, presented in *STS TURKEY 2021 KONGRESİ – STS: Bir Disiplin Olarak Kimlik İnşası*, 22-24 November 2021, Ankara/ Turkey (with Iskender Gokalp)
- 14/06/2021
(Conference Presentation) **Presentation of Work Package I: Cross-Cutting Activities in SolarTwins: Solar Twinning to Create Solar Research Twins Project First Periodic Review (01.2020-31.03.2021) of SolarTwins Project** (Content: Objectives relevant for the period, Progress, risks and deviations, Next steps)
- 13/04/2021
(Webinar) **Technological Development and Financial Opportunities in Solar Technologies**, Yapı Kurumsal Akademi, 16.00-17.00 (with Prof. Dr. Derek Baker and Prof. Dr. İlker Tarı)

- 08/01/2021
(Presentation) CST in Turkey: Current State and National Strategies to Exploit Opportunities, presented in ODAKTR Seminar Series - H2020 SolarTwins Project Seminars, <https://www.youtube.com/watch?v=KtxWxV1qqaA&t=463s>
- 02/12/2020
(Conference Presentation) Review of socio-economic impacts of PV technology development in the developing countries context, presented in PVCON2020 International Conference on Photovoltaic Science and Technologies, 30 Nov - 2 Dec 2020, Middle East Technical University, Ankara – Turkey (with Erkan Erdil, Pinar Derin Güre, Besim Can Zırh, Ramazan Sari)
- 27/11/2020
(Presentation) Developing Renewable Energy Generation in the Global Economy: Co –evolution of Renewable Energy Technological Innovation System and Global Values Chains, presented in Seminar of Technology Management MSc. Programme of Innovation and Technology Management Graduate Programme.
- 19/10/2020
(Meeting) SET-PLAN Joint Action (JA) 2 Workshop 2020- Deep Geothermal Implementation Working Group Support Unit, represented H2020 Horizon STE Project with Prof. Dr. Derek K. Baker and make a presentation about Horizon STE Project among 10 H2020 JA projects supporting the implementation of the SET-Plan
- 04/09/2020
(Conference Presentation) Development of Concentrated Solar Power / Solar Thermal Energy Technologies Sector in Turkey: Local integration to Global Value Chains through International Channels, presented in *The 32nd Annual EAEPE Conference 2020, The Evolution of Capitalist Structures: Uncertainty, Inequality, and Climate Crisis, September 02-04, 2020*, Full Paper Presentation (with Erkan Erdil and Arsev U. Aydınoglu)
- 03/09/2020
(Conference Presentation) A Policy Design Model For Market Formation Of Solar And Wind Electricity Generation In Turkey, presented in *The 32nd Annual EAEPE Conference 2020, The Evolution of Capitalist Structures: Uncertainty, Inequality, and Climate Crisis, September 02-04, 2020*, Full Paper Presentation (with Erkan Erdil and Antonio Hidalgo)
- 27/06/2020
(Conference Presentation) Market Formation in Solar and Wind Electricity Generation in Turkey : Technological Innovation System Approach, presented in *ICEEE 2020- International Conference on Economics, Energy and Environment (online conference)*, June 25-27, 2020 Full Paper Presentation (with Erkan Erdil)
- 26/02/2020
(Conference Presentation) Development of CSP / STE Sector in Turkey: Local integration to Global Value Chains Through International Channels (with Prof. Dr. Erkan Erdil), presented in *ODAK 2023 Sunrise for Concentrating Solar Thermal (CST) in Turkey*, METU Teknokent, İkiizler Building Conference Room, Ankara /Turkey
- 05/09/2019
(Meeting) EUSOLARIS ERIC-The European Solar Thermal Research Infrastructure for Concentrated Solar Power, Board of Government Representatives (BGR) Meeting, with Prof. Dr. Derek Baker (METU Mechanical Engineering), as National Scientific Representatives from Turkish Scientific Node – METU GÜNAM
- 26/07/2019
(Presentation) “SolarTwins (Solar Twinning to Create Solar Research Twins)- METU GÜNAM ODAK-Success Story”, TUBITAK H2020 Widening Programme - Project Writing Camp Twinning Event, Ankara / Turkey.
- 07/05/2019
(Meeting) HORIZON STE- Implementation of the Initiative for Global Leadership in Solar Thermal Electricity (Grant No: 838514) Kick-off Meeting, Brussels / Belgium
- 30/11/2018
(Presentation) “Can Renewable Energy be a solution?” presented (in Turkish) in METU-TEKPOL& TIGV Pizza Seminars (organized weekly since May 2017), in Middle East Technical University, Ankara / Turkey.
- 29/11/2018
(Presentation) Turkey's Approach to Decarbonising the Energy Sector: A Renewable Energy Perspective (with Derek Baker (*the main presenter and panelist*) and Erkan Erdil), presented in *CSP4Climate 2018 International Conference: Decarbonisation of Energy Sector in Mediterranean Region and the Middle East, The role of CPS*, 29.11-01.12.2018, in Nicosia/Cyprus.

- 17/08/2018
(Meeting) EUSOLARIS ERIC-The European Solar Thermal Research Infrastructure for Concentrated Solar Power, Board of Government Representatives (BGR)Meeting, with Prof. Dr. Derek Baker (METU Mechanical Engineering), as National Scientific Representatives
- 10/09/2018
(Conference Presentation) Inducement and blocking mechanisms in diffusion of emerging renewable energy technologies in Turkey: An ampirical analysis, paper presented in *STS Turkey 2018, Science and Technology Studies for Society Conference*, Middle East Technical University, Ankara /Turkey, 10.09-11.09.2018
- 01/09/2017
(Conference Presentation) Confidential Economic Life and Relations in the Simplicity of Everyday Life (with Gülsevım Evsel), paper presented in *13th Conference of the European Sociological Association – (Un)Making Europe: Capitalism, Solidarities, Subjectivities*, Athens/Greece, 29.08-01.09 2017
- 12/05/2017
(Conference Presentation) “An Analysis of Market Formation in Solar and Wind Electricity Generation in Turkey From the Perspective of Technological Innovation System Approach” (with Erkan Erdil), presented in *EconAnadolu 2017-Anadolu International Conference in Economics*, May, Eskisehir/Turkey, 11-13 May 2017
- 26/08/2015
(Conference Presentation) Who is under the sword of Damocles? Science and Technology Policy Making in Turkish Health Biotechnology and Renewable Energy Sectors (with Gülsevım Evsel), paper presented in *12th Conference of the European Sociological Association – Differences, Inequalities and Sociological Imagination*, Prague/Czech Republic, 28-31 August 2013
- 20/11/2014
(Conference Presentation) “Diffusion of Solar Electricity in Turkey : An investigation from Producer and Supplier Sides”, paper presented in *SOLARTR 2014 Solar Conference and Exhibition*, Izmir /Turkey, November 19 - 21, 2014 (with Erkan Erdil)
- 13/09/2013
(Conference Presentation) “Can Renewable Energy Solve the Problem? Preliminary Remarks on Basic problems in Turkish Energy Sector and Suggestions for Solution”, paper presented in *11th GLOBELICS International Conference: Entrepreneurship, Innovation Policy and Development in an Era of Increased Globalization*, Ankara/Turkey, 11-13 September 2013
- 29/08/2013
(Conference Presentation) “Perceptions on Changing the Energy Sector in Turkey: Renewable Sources or Imported Fossil Fuels?”, paper presented in *11st Conference of the European Sociological Association – Crisis, Critique and Change*, Turin/Italy, 28-31 August 2013
- 25/05/2010
(Presentation) “Internationalization of R&D For Developing Countries: Determinant, Motives and National Policies”, poster presented in *Workshop on Internationalization of R&D*, organized by JRC-IPTS Institute for Prospective Technological Studies (Spain), METU- TEKPOL (Turkey) and TUBITAK (Turkey), Ankara/Turkey, 25-26 May 2010
- 23/01/2010
(Conference Presentation) “Establishment & Development of Academic Spin-off Firms: Evidence from Turkey” (with Alp Eren Yurtseven), paper presented in *DRUID Dime Academy Winter 2010 Phd Conference: Innovation, Knowledge & Entrepreneurship*, in Aalborg/Denmark, 21-23 January 2010 (Trip is financed by TUBITAK-Science Fellowships and Grant Programmes, fellowship for Phd Students for Participation to Scientific Activities in Abroad)
- 25/09/2009
(Conference Presentation) “Public R&D Support and the Models of Innovation: Which model of innovation to legitimize Public R&D Policy?” (in Turkish), paper presented in *Social Sciences Research Society (SoSReS)-Management and Economy Sciences Conference*, in Izmir/Turkey, 24-25 September 2010
- 10/12/2009
(Conference Presentation) “New Capitalism in Turkey and New Working Conditions: Information and Communication Technologies Sector in Turkey” (in Turkish) paper presented in *Turkish Social Sciences Association (TSBD)-11th National Conference on Social Sciences* in Ankara/Turkey, 9-11 December 2009

OTHER ACTIVITIES

- 06/ 2023 Organization of “Solar Twins Project Final Meeting” as a part of the organization team (Hande Eryilmaz, Eylül Gedik and Derek Baker, lead by Yelda E. Topal), in Istanbul Technical University (ITU)

Macka Campus, Faculty of Management, Academic Meeting Room, Harbiye, İstanbul, 13-14 June, 2023
İstanbul /Turkiye

- 04/ 2023 Organization of “Solar Energy Opportunities and Activities to Drive the Clean Energy Transition and Green Economic Growth” as a part of the organization team (Hande Eryilmaz, Eylül Gedik, Onur Taylan and lead by Derek Baker), Mini-conference and Joint National Event Joint National Event of METU, ODTÜ-GÜNAM- Center for Solar Energy Research and Application and ODAKTR-Turkish Concentrating Solar Thermal Initiative, in SOLAREX 15th International Solar Energy and Techs. Expo, 6-8 April, 2023 İstanbul /Turkiye
- 04/2022 Organization of TEKPOL- SolarTwins Seminer Series (of 10 Seminars) in the Theme of “Energy, European Research Area and Social Sciences and Humanities” as a part of H2020 SolarTwins Project
- 07/2022 Joint Research Line 9: Social Aspects of Sustainable Energy Transitions
- 07/2022 Session Chair, Socioeconomic Impacts of PV Applications - II" at PVCON 2022 METU CCC Hall A on July 7, 2022, at 11.30-12.30
- 04/2022 Organization of “Pathways to the Deployment of Solar Technologies in Turkey: Concentrated Solar Thermal Energy and Photovoltaic Energy Technologies” Co-Chair, Mini-conference and Joint National Event Joint National Event of ODTÜ-GÜNAM, ODAKTR, EU H2020 Project: HORIZON-STE and EU H2020 Project: SolarTwins, SOLAREX 14th International Solar Energy and Techs. Expo, 7-9 April, 2022 İstanbul /Turkey (Lead by Prof. Dr. Derek K. Baker)
- 03/2020, 03/2021 Scholarship for one year for the Postdoctoral Research Project of “Developing Renewable Electricity Generation in the Global Economy: Co-evolution of Renewable Energy Technological Innovation System and Global Values Chains” from TUBITAK 2219- International Postdoctoral Research Fellowship Program for Turkish Citizens for one year (2018 II Term)
- 12/2020, 03/2021 Organization/ making the programme as a member of the Organization Team of Winter 2020/2021 ODAKTR Concentrating Solar Thermal (CST) Webinar Series (under the Communication, Outreach, Dissemination, and Exploitation (CODE) Activities of SolarTwins
<http://www.solartwins.metu.edu.tr/downloads/odakTrWebinarSeriesFinalBooklet.pdf>
- 2020, February, Organization of ODAK 2023 Kick-Off Event ODAK 2023 *Sunrise for Concentrating Solar Thermal (CST) in Turkey*, Co-Chair, Open Workshop in SolarTwins Kick -Off Activities, METU Teknokent, İkiizler Building Conference Room, Ankara /Turkey (with Project Team Lead by Prof. Dr. Derek K. Baker)
- 2017, May Organization of “INNO4SD Sustainability Transitions and Country Review Workshop” at METU, organized by The Global Network of Networks about Innovation for Sustainable Development, Inno4SD Network, UNU MERIT United Nations University (UNU-MERIT)- Maastricht Economic and Social Research Institute on Innovation and Technology, Maastricht University, METU-TEKPOL, May 25, 2017.
- 2015, June Contribution to organization of “SEES (Summit for Sustainable Development) Workshop” at METU, organized by McDonell Academy Global Energy and Environmental Partnership Solar Energy and Energy Storage (MAGEEP-SEES Initiative), METU-GÜNAM and METU Vice Presidency, June 1-3, 2015
- 2014, June Participation to 5th UGR Erasmus Staff Training Week for General University Administration, University of Granada (UGR), Granada / Spain, 2-6 June 2014 (Trip is financed by METU Erasmus Staff Training Program).
- 2012, May, Participation to “EIS-Energy Innovation Systems Summer School”, organized by Strategic Research Alliance for Energy Innovation Systems and their dynamics, Aalborg, Denmark, 21-25 May 2012 (Trip is financed by TUBITAK-Science Fellowships and Grant Programmes Department, fellowship for PhD. Students for Participation to Scientific Activities in Abroad).
- 2010, December, Participation to One Week Intensive Course Program on “The Design and Evaluation of Innovation Policy (DEIP) in An Emerging Country Context” organized jointly by UNU-MERIT Maastricht, TUBITAK and METU TEKPOL, Gebze/Turkey, 6-10 December 2010 (Trip is financed by METU TEKPOL and TUBITAK).

SKILLS

Languages Turkish (Native), English (YÖKDİL (07.2017): 93.75 & YDS (04.2018): 92.5)

Computer Microsoft Windows, Microsoft Office (MS Word, MS Excel, MS Power point, MS Visio), Stata, E-views

REFERENCES

Available upon request