

Yelda Erden-Topal

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(Last update : 09.2017)



EDUCATION

- 03/2016 Ph.D. in Science and Technology Policy Studies
Graduate School of Social Sciences
Middle East Technical University (METU), Ankara/Turkey
Dissertation Tittle: A Policy Design Model for Market Formation of Solar and Wind Electricity Generation in Turkey
Supervisor: Prof. Dr. Erkan Erdil
- 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
- 06/2001 Gölbaşı Anatolian High School, Ankara/Turkey

RESEARCH INTERESTS

Economics of Technological Change and New Technologies
Science, Technology and Innovation Policy and Politics,
Renewable Energy Systems (Focus on Solar and Wind Energy)

WORK EXPERIENCE

- 01/2012- Present Research Assistant
Middle East Technical University - Vice Presidency Office
- 09/2008- Present Part Time Researcher
Middle East Technical University - Science & Technology Policies Research Center
(METU-TEKPOL)

RESEARCH EXPERIENCE

- 08/2014,
08/2015
(12 months) Project Assistant & Researcher
Project Title: TUBITAK 1002 Research Project No: 114K070 “Market Formation of Electricity Generation from Renewable Sources: Solar and Wind Energy Case in Turkey”
Contractors: METU TEKPOL & TUBITAK-SOBAG
Funded by: TUBITAK
Project Team: Prof. Dr. Erkan Erdil, Ph.Dc. Gülsevim Eysel
Summary of Key Functions: 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 production 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,
02/2013
(12 months) Project Assistant & Researcher
Project Title: The Progress Analysis of Suggestions in National Innovation Initiative-The Framework Report for Innovation, 2006-2013 Period
Contractors: TUSIAD-Sabancı Univ. Competitiveness Forum & METU TEKPOL
Funded by: TUSIAD-Sabancı University Competitiveness Forum (REF)
Project Team: Muhsin Doğan, Cansu Durukan, Asli Ertan, Selçuk Karaata
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).
- 01/2011,
04/2011
(3 Months) Project Assistant & Researcher
Project Title: The Strategic Analysis of ICT Sector in Ankara
Contractors: Ankara Development Agency and METU TEKPOL
Funded by: Ankara Development Agency
Project Team: Prof. Dr. Erkan Erdil, Assoc. Dr. M. Teoman Pamukçu, Cansu Durukan, Asli Ertan, Gülsevim Eysel, Derya Fındık, Anıl Tay
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.
- 12/2010,
10/2011
(10 months) Project Assistant & Researcher
Project Title: Evaluation and Restructuring of Research Centers at METU
Contractors: Ministry of Development, METU President Office Research Coordination Dep. and METU-TEKPOL
Funded by: Ministry of Development & METU
Project Team: Prof. Dr. Erkan Erdil, Assoc. Dr. M. Teoman Pamukçu, Asst. Prof. Dr. İ. Semih Akçomak
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.
- 12/2009,
09/2010
(9 months) Project Assistant & Researcher
Project Title: Analysis of research and development activities (R&D) activities of foreign firms in the Turkish economy
Contractors: YASED and METU-TEKPOL
Funded by: YASED (International Investors Association of Turkey)
Project Team: Prof. Dr. Erkan Erdil, Assoc. Prof. Dr. M. Teoman Pamukçu, Tolga Göksidan, Emek Kepenek
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.

- 06/2009,
09/2010
(15 months) Junior Researcher/Project Assistant
Project Title: Turkey-ICT RTD Technological Audit-Contract No:30-CE-0262072/00-15
Contractors: European Commission, Directorate General Information Society and Media (DGInfSo) and METU-TEKPOL
Funded by: EU-DGInfSo
Project Team: Prof. Dr. Erkan Erdil, Assoc. Dr. M. Teoman Pamukçu, Tolga Göksidan, Serdar Türkeli
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.
- 02/2009,
05/2010
(15 months) Project Assistant
Project Title: TUBITAK 1001 Research Project No: 108K448 “Traditional and Modern Economic Visions and Global Capitalism”
Contractors: Hacettepe University-Dep. of Economics and TUBITAK-SOBAG
Funded by: TUBITAK
Project Team: Prof. Dr. Hüseyin Özel and Assoc. Prof. Naci Canpolat
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.
- 06/2008,
09/2008
(3 months) Project Assistant
Project Title: Management Consulting for Process Improvement Project
Contractors: General Directorate of Road Transport- Ministry of Transport of Republic of Turkey & Oruçoğlu Education and Consultancy Serv.Co. (ODEM)
Funded by: Ministry of Transport of Republic of Turkey
Project Team: Productivity Expert Sumru Tümer, Evrim Oya Güner
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
- 06/2007,
06/2008
(12 months) Field Researcher
Project Title: ‘TUBITAK 1001 Research Project no: 105K151, TİFALDİ: Language test for children speaking Turkish”
Contractors: METU-Dep. of Psychology and TUBITAK-SOBAG
Funded by: TUBITAK
Project Team: Prof. Dr. Ayşe Gül Güven and Prof. Dr. Sibel Kazak –Berument
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)
- 03/2007,
09/2007
(6 months) METU, Library-Part Time Student Scholarship
Position: Part time student assistant
Summary of Key Functions: Assisting library staff

PUBLICATIONS

- 2017,
September “A Review of Market Formation in Solar and Wind Electricity Generation in Turkey from The Perspective of Technological Innovation System Approach” (with Erkan Erdil), submitted to *Renewable and Sustainable Energy Reviews* (under review).
- 2015,
July “Yenilenebilir enerji kaynaklarına dayalı elektrik üretimi piyasasının oluşumu: rüzgar ve güneş enerjisi bağlamında Türkiye örneği (in Turkish)” (with Erkan Erdil& Gülsevım Evsel), TUBITAK 114K070 Project Report,
http://uvt.ulakbim.gov.tr/uvt/index.php?cwid=9&vtadi=TPRJ&ano=248023_b04alaad663f683c7246f7005c071f4a
- 2014,
April “Ulusal Inovasyon Girişimi 2006-2013 Dönemi Değerlendirme Raporu (in Turkish)”, TUSIAD Sabancı Üniversitesi Rekabet Forumu, (with Cansu Durukan, Aslı Ertan, Muhsin Doğan and Selcuk Karaata)
http://ref.sabanciuniv.edu/sites/ref.sabanciuniv.edu/files/ulusal_inovasyon_2006-20013.pdf
- 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)
<http://www.politics.ankara.edu.tr/dergi/pdf/68/2/4.-Erkan-Erdil-.pdf>
- 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/sites/stps.metu.edu.tr/files/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),
<http://stps.metu.edu.tr/sites/stps.metu.edu.tr/files/ARMER-RAPORU-13ekim-enson.pdf>
- 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 Göksidan)
<http://stps.metu.edu.tr/yased>
- 2011,
March “Turkey-ICT RTD Technological Audit, Public Report”, (with Erkan Erdil, M. Teoman Pamukçu, Serdar Türkeli, Tolga Göksidan),
<http://stps.metu.edu.tr/sites/stps.metu.edu.tr/files/task9.pdf>
- 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
http://www.sobiad.org/eJOURNALS/dergi_EBD/arsiv/ebd-2009/03yelda_erden.pdf

WORK in PROGRESS

- Policy proposals for diffusion of renewable electricity generation in Turkey: An ampirical analysis
- Theories of Technology Policy Design for Emerging Renewable Energy Technologies: A literature Reviews (in Turkish)
- Inducement and blocking mechanisms in diffusion of emerging renewable energy technologies in Turkey: An ampirical analysis

CONFERENCES and PRESENTATIONS

- 01/09/2017 Confidential Economic Life and Relations in the Simplicity of Everyday Life (with Gülsevım Eysel), 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 “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, Eskişehir/Turkey, 11-13 May 2017
- 26/08/2015 Who is under the sword of Damocles? Science and Technology Policy Making in Turkish Health Biotechnology and Renewable Energy Sectors (with Gülsevım Eysel), 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 “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 “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 “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 “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 “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 “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 “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

- May, 2017** 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.
- June, 2015** 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.
- June, 2014** 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).
- May, 2012** 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).
- December, 2010** 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).
- March-April, 2005** Participation in “Certificate Program for Foreign Trade Specialism” (in Turkish), Turkish Foreign Trade Foundation (TDV), 05 March-23 April 2005, Ankara/Turkey.

SKILLS

- Languages** Turkish (Native), English (YÖKDİL (07.2017) : 93.75)
- Computer** Microsoft Windows, Microsoft Office (MS Word, MS Excel, MS Power point, MS Visio), Stata, E-views