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### **EDUCATION**

Ph.D. (Economics), George Washington University, USA, 1998  
M.Phil (Economics), George Washington University, USA, 1992  
BS (Economics), Middle East Technical University, 1986

### **DISSERTATION**

An Error Correction Model for Exchange Rates with Currency Substitution: Canadian Dollar-US Dollar Case, Ph.D. Dissertation, George Washington University, 1998.

**ASSOCIATE PROFESSOR TITLE RECEIVED** December, 2007

### **POSITIONS**

12/1986 - 8/1988	Research Assistant and Graduate Student Middle East Technical University, Department of Economics Ankara, TURKEY
9/1988 - 8/1998	Graduate Student George Washington University, Department of Economics Washington DC, USA
9/1990 - 5/1993	Research Assistant George Washington University, Department of Economics, Washington DC, USA
1/1994 - 5/1994	Lecturer George Washington University, Department of Economics, Washington DC, USA
1/1995-2/1998	Research Assistant, Middle East Technical University Department of Economics Ankara, TURKEY
9/1998-4/2004	Lecturer, Middle East Technical University

Department of Economics  
Ankara, TURKEY

5/2004 –12/2010     Assistant Prof., Middle East Technical University  
Department of Economics  
Ankara, TURKEY

1/2011 -                 Associate Prof., Middle East Technical University  
Department of Economics  
Ankara, TURKEY

### **ADMINISTRATIVE and OTHER POSITIONS**

1/2002 - 7/2005         Assistant Director of Graduate School of Social Sciences, METU

7/2007 - 12/2008       Assistant Dean of Faculty of Economics and Administrative  
Sciences, METU

12/2008 - 2/2010       Member of Board of Directors of Turkish Economic Association

10/2010 – 9/2013       Assistant Chair of Department of Economics, METU

1/ 2014 -                 Academic Scientific Board Member, İktisat İşletme ve Finans  
Dergisi

### **TEACHING**

Introductory Microeconomics and Macroeconomics  
Graduate Macroeconomics  
Money and Banking  
International Trade and Finance

### **AREAS of INTEREST**

International Trade  
International Finance  
Monetary Theory and Policy  
Trade and Environment  
Energy Use and Environment

### **CONFERENCE PRESENTATIONS**

Testing for Symmetry in Monetary Exchange Rate Models: Canadian Dollar-US Dollar Case, ERC METU International Conference in Economics (Ankara), Abstract, 1998.

Twin Deficit Hypothesis: The Turkish Case, ERC METU International Conference in Economics (Ankara), Proceedings, 2000 (with G.İ. Tunç).

Dynamics of the Trade Balance: The Turkish J-Curve, ERC METU International Conference in Economics, Proceedings, 2002.

Pollution Haven Hypothesis and the Role of Dirty Industries in Turkey's Exports, ERC METU International Conference in Economics (Ankara), Proceedings, 2003 (with G.İ. Tunç and S.Türüt-Aşık).

İmalat Sanayi ve Kirlilik: Bir Kirli Endüstri Sığınağı Olarak Türkiye, 8. Ulusal Sosyal Bilimler Kongresi (Ankara), Abstract, 2003 (with G.İ. Tunç and S.Türüt-Aşık).

Türkiye Ekonomisi için Çevresel Kuznets Eğrisi, 9. Ulusal Sosyal Bilimler Kongresi (Ankara), Abstract, 2005 (with G.İ. Tunç and S.Türüt-Aşık).

CO<sub>2</sub>, Üretim ve Dış Ticaret: Türkiye için Bir Girdi Çıktı Yaklaşımı, 7. Ulusal Ekonometri ve İstatistik Sempozyumu (İstanbul), Proceedings, 2005 (with G.İ. Tunç and S.Türüt-Aşık).

Türkiye Ekonomisinin Nihai Enerji Tüketimindeki Anahtar Sektörler: Bir Girdi-Çıktı Yaklaşımı, Turkish Economic Association, International Conference on Economics (Ankara), Proceedings, 2006 (with G.İ. Tunç and S.Türüt-Aşık).

The Relationship Between Income and Environment in Turkey: Is There an Environmental Kuznets Curve?, Turkish Economic Association, International Conference on Economics (Ankara), Proceedings, 2006 (with G.İ. Tunç and S.Türüt-Aşık).

Testing Environmental Kuznets Curve Hypothesis for the European Union, The Ninth Biennial Conference of The International Society for Ecological Economics "Ecological Sustainability and Human Well-being" (New Delhi, India), Abstract, 2006 (with G.İ. Tunç and S.Türüt-Aşık).

Can We Reconcile the Concept of Sustainable Development with Gold Mining?, The Ninth Biennial Conference of The International Society for Ecological Economics "Ecological Sustainability and Human Well-being" (New Delhi, India), Abstract, 2006 (with G.İ. Tunç and S.Türüt-Aşık).

Türkiye İmalat Sanayiinde Enerji Kullanımı ve Kirlilik, Türkiye 10. Enerji Kongresi (İstanbul), Proceedings, cilt.2, sf. 67-77, 2006 (with G.İ. Tunç and S.Türüt-Aşık).

Decomposition Analysis for Energy Use in Turkish Manufacturing Industry with an Emphasis on Dirty Industries, Tenth International Conference on Energy and Environment (Luxor, Egypt), Proceedings, 2007 (with G.İ. Tunç and S.Türüt-Aşık).

Effects of International Trade on Environment: An Input-Output Analysis, 16<sup>th</sup> International Input-Output Conference (İstanbul), Proceedings, 2007 (with G.İ. Tunç and S.Türüt-Aşık).

CO<sub>2</sub> Emissions of Turkish Manufacturing Industry : A Decomposition Analysis, 15<sup>th</sup> World Congress of the International Economic Association (İstanbul), Proceedings, 2008 (with G.İ. Tunç and S.Türüt-Aşık)

CO<sub>2</sub> Emissions, Energy Use and Sustainability in Turkish Economy , The Ninth Biennial Conference of The International Society for Ecological Economics “Applying Ecological Economics for Social and Environmental Sustainability” (Nairobi, Kenya) Proceedings, 2008 (with G.İ. Tunç and S.Türüt-Aşık)

Is Energy Consumption of Turkish Economy Sustainable? A Decomposition Analysis of CO<sub>2</sub> Emissions, European Association of Evolutionary Political Economy “Labour, Institutions and Growth in a Global Knowledge Economy” (Rome, Italy) Proceedings, 2008 (with G.İ. Tunç and S.Türüt-Aşık)

Investigating Final Energy Linkages for a Sustainable Economy: An Input-Output Analysis for Turkey, 8th International Conference of the European Society for Ecological Economics (Ljubljana, Slovenia), Proceedings, 2009 (with G.İ. Tunç and S.Türüt-Aşık)

An Environmental Analysis of Turkish Foreign Trade by Using Pollution Terms of Trade Index, European Association of Evolutionary Political Economy “Institutional Solutions for Economic Recovery” (Amsterdam, Holland), Proceedings, 2009 (with G.İ. Tunç and S.Türüt-Aşık)

Bilateral Trade and Environment: A Gravity Model for Turkey, Anadolu International Conference in Economics (Eskişehir, Turkey), Abstract, 2009 (with G.İ. Tunç and S.Türüt-Aşık)

Türkiye'nin Bölgesel Gelişiminde Karadeniz'in Yeri, TEK 15. Ulusal İktisat Sempozyumu (Zonguldak), Abstract, 2009 (with O. Erdoğan)

Türkiye'nin Enerji Talebini Belirleyen Etkenler, Türkiye 11. Enerji Kongresi (İzmir), Proceedings, 2009 (with G.İ. Tunç and S.Türüt-Aşık)

Türkiye'nin Enerji Kullanımı Üzerine Bir Değerlendirme, 11. Ulusal Sosyal Bilimler Kongresi (Ankara), Abstract, 2009 (with G.İ. Tunç and S.Türüt-Aşık).

Bilateral Trade and Environmental Regulation: A Gravity Model for Turkey, Society for the Study of Emerging Markets, EuroConference, (Milas, Turkey), Proceedings, 2010 (with G.İ. Tunç and S.Türüt-Aşık).

Sustainable Tourism and Ecological Footprint Accounting: The Case of Turkey, The International Society for Ecological Economics, “Advancing Sustainability in a Time of Crisis”, (Oldenburg, Germany), Proceedings, 2010 (with G.İ. Tunç and S.Türüt-Aşık).

Financial Capital Flows and Economic Growth: The Turkish Case, Turkish Economic Association, International Conference on Economics, ( Kyrenia, Cyprus), Proceedings, 2010 (with Muammer Kömürcüoğlu).

Financial Dollarization in the Turkish Economy, Anadolu International Conference in Economics (Eskişehir, Turkey), Abstract, 2011 (with Tuncay Serdaroğlu and G.İ. Tunç)

Ticaret Ve Yakınsama: Türkiye ve AB-15 İçin Bir Değerlendirme, TEK 16. Ulusal İktisat Sempozyumu, (Bursa), Proceedings, 2011, (with Güzde Alkan)

Kitle Turizminin Su Kullanımı Üzerindeki Etkileri, 12. Ulusal Sosyal Bilimler Kongresi (Ankara), Abstract, 2011 (with G.İ. Tunç and S.Türüt-Aşık).

Monetary Policy and Unemployment, “Jackpot of the Bachelor Project Graduation Bonus: Unemployment?” (Eskişehir), Workshop presentation, 2012

Mass Tourism and Water Consumption: Case of Turkey, The International Society for Ecological Economics, “Ecological Economics and Rio+20: Challenges and Contributions for a Green Economy” (Rio de Janeiro, Brazil) Proceedings, 2012 (with G.İ. Tunç and S.Türüt-Aşık).

An Empirical Analysis of the Bank Lending Channel in Turkey, European Economics and Finance Society, Eleventh Annual EEFS Conference (İstanbul), Proceedings, 2012 (with E. A. Özşuca)

Do Environmental Policies Induce Emissions Converge in Europe?, European Association of Evolutionary Political Economy, “Economic Policy in Times of Crisis” (Krakow, Poland) Abstract, 2012 (with G.İ. Tunç and S.Türüt-Aşık).

Risk Taking Channel of Monetary Policy Transmission: The Case of Turkish Banking System, Turkish Economic Association, International Conference on Economics, (Çeşme, İzmir), Proceedings, 2012 (with E. A. Özşuca)

Ülke Kredi Riskinin Fiyatlandırılması: Türkiye Örneği, Türkiye Ekonomisinin Dünyü Bugünü Yarını-Yakup Kepenek ve Oktar Türel’e Armağan, (Güzelyurt, Kıbrıs) Abstract, 2013 (with A. Aslan)

Determinants of Country Risk: Case of Turkey, Anadolu International Conference in Economics 2013 (Eskişehir, Turkey), Abstract, 2013 (with A. Aslan)

Convergence of Environmental Variables: The Case of EU, Anadolu International Conference in Economics 2013 (Eskişehir, Turkey), Abstract, 2013 (with G.İ. Tunç and S.Türüt-Aşık).

Neoliberal Industrialization and Environmental Policies in Turkey: Post 1980’s, European Association of Evolutionary Political Economy, 25th Annual Conference, (Paris, France), Abstract, 2013 (with G.İ. Tunç and S.Türüt-Aşık).

Decomposition of Fuel Based CO2 Emissions for Turkey Econworld, World Economic Society (Prague, Czech Republic), Abstract, 2014 (with G.İ. Tunç and S.Türüt-Aşık).

Supporting Renewable Energy: The Role of Incentive Mechanisms, Econworld, World Economic Society (Prague, Czech Republic), Proceeding, 2014 (with Filiz Köroğlu and G.İ. Tunç)

Yenilenebilir Ekonominin Desteklenmesi: Teşvik Mekanizmaları, EconHarran 2014, Ulusal Ekonomi Kongresi, (Şanlıurfa, Turkey), Abstract, 2014 (with Filiz Köroğlu and G.İ. Tunç)

Türkiye için Yakıt Kaynaklı CO2 Emisyonunun Ayrıştırılması, EconHarran 2014, Ulusal Ekonomi Kongresi, (Şanlıurfa, Turkey), Abstract, 2014 (with G.İ. Tunç and S.Türüt-Aşık).

Bölgesel Ticaret Anlaşmaları Türkiye'nin Dış Ticaretini Artırıyor mu?, Fikret Şenses Onuruna Düzenlenen Sempozyum, (Güzelyurt, Kıbrıs) Abstract, 2015 (with Merve Mavuş-Kütük)

Carbon Leakage in the Turkish Cement Industry: A Gravity Model Approach, EconAnadolu International Conference in Economics, Eskişehir, Abstract, 2015 (with Damla Doğan)

Water Embedded in Turkey's Agricultural Trade Flows, EconAnadolu International Conference in Economics, Eskişehir, Abstract, 2015 (with G.İ. Tunç and S.Türüt-Aşık)

Water Embedded in Turkey's Agricultural Trade Flows, European Association of Evolutionary Political Economy, 27th Annual Conference, Genova (Italy), Proceeding, 2015 (with G.İ. Tunç and S.Türüt-Aşık)

A Gravity Model of Virtual Water Flows: The Case of Turkey, EY International Congress on Economics II, Ankara, Abstract, 2015 (with G.İ. Tunç and S.Türüt-Aşık)

Do Regional Trade Agreements Actually Increase Turkey's Foreign Trade? EY International Congress on Economics II, Ankara, Abstract, 2015 (with Merve Mavuş-Kütük)

## **WORKING PAPERS**

Turkish Twin Deficits: An Error Correction Model of Trade Balance, METU ERC Working Paper no: 01/06 (with G.İ. Tunç), 2001.

Dynamics of the Trade Balance: The Turkish J-Curve, METU ERC Working Paper no: 02/05, 2002.

Pollution Haven Hypothesis and the Role of Dirty Industries in Turkey's Exports, METU ERC Working Paper no:04/03 (with G.İ. Tunç and S.Türüt-Aşık), 2004.

İmalat Sanayi ve Kirlilik: Bir Kirli Endüstri Sığınağı Olarak Türkiye, METU ERC Working Paper no:04/03 T (with G.İ. Tunç and S.Türüt-Aşık), 2004.

CO<sub>2</sub> emissions vs. CO<sub>2</sub> responsibility: An input-output approach for the Turkish economy, METU ERC Working Paper no:06/04 (with G.İ. Tunç and S.Türüt-Aşık), 2006.

Environmental Impact of Customs Union Agreement with EU on Turkey's Trade in Manufacturing Industry, METU ERC Working Paper no:06/03 (with G.İ. Tunç and S.Türüt-Aşık), 2006.

An Empirical Analysis of the Bank Lending Channel in Turkey, METU ERC Working Paper no:12/05 (with E. A. Özsuca), 2012.

An Empirical Analysis of the Risk Taking Channel of Monetary Policy in Turkey, METU ERC Working Paper no:12/08 (with E. A. Özşuca), 2012.

## **JOURNAL ARTICLES**

Dynamics of the Trade Balance: The Turkish J-Curve, Emerging Markets Finance and Trade, vol. 40, no: 5, September-October, 2004, pp 5-24.

İmalat Sanayi ve Kirlilik: Bir Kirli Endüstri Sığınağı Olarak Türkiye?, AÜSBF Dergisi, vol. 60, no:1, 2005, pp 3-28. (with G.İ. Tunç and S.Türüt-Aşık)

CO<sub>2</sub> emissions vs. CO<sub>2</sub> responsibility: An input–output approach for the Turkish economy, Energy Policy, vol. 35, no:2, 2007, pp 855-868. (with G.İ. Tunç and S.Türüt-Aşık)

Pollution Haven Hypothesis and the Role of Dirty Industries in Turkey's Exports, Environment and Development Economics, vol. 12, no:2, 2007, pp 297-322. (with G.İ. Tunç and S.Türüt-Aşık)

Environmental Impact of Customs Union Agreement with EU on Turkey's Trade in Manufacturing Industry, Applied Economics, vol.40, no:16-18, 2008, pp2295-2304. (with G.İ. Tunç and S.Türüt-Aşık)

Türkiye İmalat Sanayiinde Enerji Kullanımı ve Kirlilik, İktisat, İşletme ve Finans, 23(262), 2008, pp 5-16 (with G.İ. Tunç and S.Türüt-Aşık)

The Relationship Between Income and Environment in Turkey: Is There an Environmental Kuznets Curve?, Energy Policy, 37, 2009, pp 861-867. (with G.İ. Tunç and S.Türüt-Aşık)

A decomposition analysis of CO<sub>2</sub> emissions from energy use: Turkish case, Energy Policy, 37, 2009, pp 4689-4699. (with G.İ. Tunç and S.Türüt-Aşık)

CO<sub>2</sub> emissions of Turkish manufacturing industry: A decomposition analysis, Applied Energy, 2011, 88 (6), pp 2273-2278. (with G.İ. Tunç and S.Türüt-Aşık)

An Empirical Analysis of the Bank Lending Channel in Turkey, İktisat İşletme ve Finans, 28(328), 2013, pp 33-50. (with E. A. Özşuca)

An Empirical Analysis of the Risk-Taking Channel of Monetary Policy in Turkey, Emerging Markets Finance and Trade, DOI: 10.1080/1540496X.2015.1047300, 2015, pp 1-21. (with E. A. Özşuca) (upcoming)

## **BOOKS**

Küresel Bunalım ve Karadeniz Bölgesi Ekonomileri, 2011, Türkiye Ekonomi Kurumu, Ankara. (Editor with Oya S. Erdoğan)

Türkiye'nin Beşeri Gelişiminde Karadeniz'in Yeri, 2011, in "Küresel Bunalım ve Karadeniz Bölgesi Ekonomileri", Türkiye Ekonomi Kurumu, Ankara. (with Oya S. Erdoğan)

Ticaret ve Yakınsama: Türkiye ve AB-15 için Bir Değerlendirme, 2012, in "Para Kur Maliye Politikaları ve Reel Ekonomi", Türkiye Ekonomi Kurumu, Ankara. (with Gözde Alkan)

Finansal Kurumlar ve Piyasalar, 2012, in Para ve Banka, Anadolu Üniversitesi, Eskişehir. (Editors Nilgün Çağlırmak Uslu and Bilge Kağan Özdemir)

Bankacılık Sektörü ve Banka Yönetimi, 2012, in Para ve Banka, Anadolu Üniversitesi, Eskişehir. (Editors Nilgün Çağlırmak Uslu and Bilge Kağan Özdemir)

### **THESIS SUPERVISION**

"The Performance of Palestinian Foreign Trade: From Prolonged Imposed Integration to the Israeli Economy to a Window towards the Rest of the World (1968-1998)" by Gaber Hussain Abugamea , 2003 (PhD Thesis, Co-Supervisor).

"Exchange Rate Pass-Through into the Export and Import Prices of Turkey" by Elif Ege Abalı, 2004 (Ms Thesis).

"Revisiting the Fischer Effect for Developed and Developing Countries: A Bounds Test Approach" by Duygu Bacı, 2007 (Ms Thesis)

"Pricing to Market an Evaluation for Turkey" by Erkan Yönder , 2007 (Ms Thesis)

"The Budget of the EU: The Implications of Eastern Enlargement and the Need for a Reform" by Müge Hayriye Güvenç, 2007 (Ms Thesis)

"The Bilateral J-Curve of Turkey for Consumption, Capital and Intermediate Goods" by Gizem Keskin, 2008 (Ms Thesis)

"Financial Capital Flows and Economic Growth: The Turkish Case" by Muammer Kömürcüoğlu, 2010 (Ms Thesis)

"Trade and Convergence:An Evaluation for Turkey and EU-15" by Gözde Alkan, 2011 (Ms Thesis)

"Energy Indicators for Sustainable Development: Comparison of Turkey and Selected European Union Countries" by M. Merve Topçuoğlu, 2011 (Ms Thesis, Co-Supervisor)

"Financial Dollarization in the Turkish Economy. The Portfolio View" by Tuncay Serdaroğlu, 2011 (Ms Thesis, Co-Supervisor)

"Exchange Rate Pass Through to Domestic Prices: A Sectoral Analysis of Turkish Economy" by Emine Özgü Özen, 2011 (Ms Thesis)

“Analyzing the Profit Efficiency of the Turkish Banking Sector After the BRSA Restructuring Program in 2001: An Empirical Study Using Stochastic Frontier Approach Between the Years of 2002-2009” by Hande Hatunođlu, 2012 (Ms Thesis)

“The J Curve at the Industry Level: An examination of Bilateral Trade Between Turkey and Germany” by Bařak Gümüřtekin, 2012 (Ms Thesis)

“Banks and Monetary Policy Transmission Mechanism: An Empirical Analysis for Turkey” by Ekin Ayře Özsuca, 2012 (PhD Thesis)

“Pricing of Sovereign Credit Risk: Application to Turkey” by Aylin Aslan, 2013 (Ms Thesis)

“Supporting Renewable Energy: The Role of Incentive Mechanisms” by Filiz Korođlu Aydınlı, 2013 (Ms Thesis )

“Drivers of the Oil Price: An Empirical Analysis of the Effect of Oil Imports by OECD Regions” by Ümmügülsüm Güneyligil, 2013 (Ms Thesis)

“Do Regional Trade Agreements Actually Increase Turkey’s Foreign Trade” by Merve Mavuř Kütük, 2015 (Ms Thesis)

“Impact of Carbon Leakage on Turkish Cement Exports: A Gravity Model Approach” by Damla Dođan, 2015 (Ms Thesis)

## **CONFERENCE ORGANIZATION**

TEK 15. Ulusal İktisat Sempozyumu (Zonguldak), 2009 (with O. Erdođdu)

## **MEMBERSHIPS**

Turkish Economic Association  
International Society of Ecological Economics  
European Association for Evolutionary Political Economy