

**Dürdane Şirin Saracoğlu**

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Middle East Technical University  
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**RESEARCH INTERESTS**

Macroeconomics

Economic Growth and Aggregate Productivity

One, Two and Multi-sector Economic Growth Models

Rural-urban migration; regional development

Human capital accumulation issues

Early child development (early child health and education)

Chinese economy, development and growth

Trade and Labor Market Interactions

**TEACHING INTERESTS**

Macroeconomic Theory (graduate and undergraduate)

Growth Theories

Chinese Economy

**EDUCATION**

Associate Professorship, Macroeconomics, The Council of Higher Education of Turkey, 2010

Ph.D., Agricultural and Applied Economics (Major), Economics (Minor), University of Minnesota, 2003

M.A., Economics, University of Minnesota, 2000

B.S., Economics, Middle East Technical University, 1993

**PROFESSIONAL EXPERIENCE**

January 2021-present: Department of Economics, METU, Chair

April 2019-present: Department of Economics, METU, Professor

January 2019-January 2022: Confucius Institute, METU, Director

October 2011-July 2012: Department of Applied Economics, University of Minnesota,

Visiting Scholar

June 2011-April 2019: Department of Economics, METU, Associate Professor

May 2004-June 2011: Department of Economics, METU, Assistant Professor

September 2003-April 2004: Department of Economics, METU, Instructor

2001-2002: Hamline University, St. Paul, MN, Adjunct Instructor

1993-1995: Research Department, Central Bank of the Republic of Turkey, Researcher

**RESEARCH EXPERIENCE**

October 2011-July 2012: TÜBİTAK-The Scientific and Technological Research Council of

Turkey-2219 Post-Doctoral Research Grant Program

January 2010-October 2011: TÜBİTAK-The Scientific and Technological Research Council of

Turkey-Social Sciences and Humanities RGC Research Grant-Project No. SOBAG- 109K510: “The effects of changes in production and trade relations on female employment”, Principal Investigator  
January 2006-July 2008: TÜBİTAK-The Scientific and Technological Research Council of Turkey-Social Sciences and Humanities RGC Research Grant-Project No. SOBAG-105K090: “Informal Employment in the Process of Trade Liberalization”, Principal Investigator  
January-December 2006: METU Academic Research Project Grant No. BAP-2006-04-03-04: Internal Migration and Regional Convergence in Turkey” (with Murat G. Kırdar).  
Summer 2005 & Summer 2008: Department of Applied Economics, University of Minnesota, Visiting Scholar

## PUBLICATIONS

- “Women’s socioeconomic status and choice of birth control method: an investigation for the case of Turkey” (with Deniz Karaoğlu), 2021, *Journal of Biosocial Science*, 53 (1): 147-156.
- “Do labour market policies reduce the informal economy more effectively than enforcement and deterrence?”, 2020, *Journal of Policy Modeling*, 42: 679-698.
- “Regional Cost-of-living Differentials, Rural-urban Migration, and the Contribution to Economic Growth” (with Terry L. Roe), 2019, *Papers in Regional Science*, 98: 973-994.
- “Early Childhood Education and Human Capital Formation: The Case of Turkey in Global Perspective” (with Deniz Karaoğlu), 2019, *Early Child Development and Care*, 189 (4): 569-582. <https://doi.org/10.1080/03004430.2017.1332055>
- “Changes in Global Trade Patterns and Women’s Employment in Manufacturing, 1995-2011” (with E. Memiş, E. Voyvoda and B. Kızıllırmak), 2018, *Feminist Economics* 24 (3): 1-28, <https://doi.org/10.1080/13545701.2018.1435899>.
- “Socio-economic factors affecting early childhood health: The case of Turkey” (with Deniz Karaoğlu), 2018, *Child Indicators Research* 11: 1051-1075. <https://doi.org/10.1007/s12187-017-9501-8>
- “Çin Halk Cumhuriyeti ile Türkiye arasında Dış Ticaretin Gelişimi ve Türkiye’de İmalat Sanayinde Sektörel İstihdama Etkisi”, 2017, *AÜSBF Dergisi* 72 (1): 151-182.
- “Subcontracting and firm characteristics: evidence from two new local industrial districts in Turkey” (with Burça Kızıllırmak), 2016, *METU Studies in Development* 43 (2): 635-669.
- “Technological Change, Human Capital, and Absorptive Capacity: Can Turkey Escape the Middle Income Trap?” (with Gökhan Yılmaz), 2016, *METU Studies in Development* (Special Issue in Honor of Prof. Dr. Fikret Şenses) 43 (1): 391-424.
- “Cari Açık, Enerji Sektörü ve Ortadoğu ve Asya ile Ekonomik İlişkiler, Cilt II” (edited with Fahriye Öztürk), 2016, Turkish Economic Association, İmaj Yayınevi, Ankara.
- “Sermayenin mekan arayışı, kapitalist üretim ilişkilerinde değişim ve yeni sanayi odakları: Gaziantep, quo vadis?” (with Zeynep Başak), 2011, in “Ta Ezelden Taşkıdır..” *Antep*, M. Nuri Gültekin (ed.), İletişim Yayınları, İstanbul.
- Multisector Growth Models: Theory and Application* (with Terry L. Roe and Rodney B.W. Smith), Springer New York, 2010.

- “Climate change and agriculture in Turkey: A CGE modeling approach” (with Erol Çakmak and Hasan Dudu), 2010, *İktisat İşletme ve Finans* 25, 9-33.
- “Firmalar arası değişim ilişkileri kapsamında fason üretim: Denizli ve Gaziantep tekstil sektörü örneği” (with Zeynep Başak), 2009, *Toplum ve Bilim* 114, 214-237.
- “Migration and regional convergence: an empirical investigation for Turkey” (with Murat G. Kırdar), 2008, *Papers in Regional Science* 87 (4), 545-567.
- “The Informal Sector and Tax on Employment: A Dynamic General Equilibrium Investigation,” 2008, *Journal of Economic Dynamics and Control* 32, 529-549.
- “İç Göç, Bölgesel Yakınsama Sorunu ve Ekonomik Büyüme” (with Murat G. Kırdar), 2006, in *Ekonomik Büyümenin Dinamikleri ve İstihdam (Kaynaklar ve Etkiler)*, Bilin Neyaptı (ed.), Turkish Economic Association, İmaj Yayinevi, Ankara.
- “Central Bank Independence: optimal conservativeness, and optimal term lengths”, 2003, *METU Studies in Development*, 30 (June), 61-87.

#### **OTHER PUBLICATIONS (WORKING PAPERS & CONFERENCE PROCEEDINGS)**

- “Women’s education, employment status and the choice of birth control method: An investigation for the case of Turkey” (with Deniz Karaoğlu), 2018, METU Department of Economics ERC Working Paper No.18/03
- “Labour market policies and the informal sector: A segmented labour markets analysis”, 2017, METU Department of Economics ERC Working Paper No.17/05
- “Socio-economic factors affecting early childhood health: The case of Turkey” (with Deniz Karaoğlu), 2016, METU Department of Economics ERC Working Paper No.16/14
- “Participation of Turkey in Global Value Chains: An Analysis Based on World Input Output Database” (with Ceren Gündoğdu), 2016, METU Department of Economics ERC Working Paper No. 16/10
- “Early Childhood Development and Human Capital Formation: The Case of Turkey in Global Perspective” (with Deniz Karaoğlu), 2016, METU Department of Economics ERC Working Paper No. 16/05
- “Micro-macro feedback links of irrigation water management in Turkey” (with E. Çakmak, H. Dudu, X. Diao, T.L. Roe and Y. Tsur), 2008, World Bank Policy Research Working Paper No. 4781.
- “Adjustment under trade liberalization, labor market segmentation and informal employment: a dynamic general equilibrium analysis of a three-sector open economy”, 2008 in the *Proceedings of the 11th Annual Conference on Global Economic Analysis, Helsinki, Finland, June 12-14, 2008*.
- “Adjustment under trade liberalization, labor market segmentation and informal employment: a dynamic general equilibrium analysis of a three-sector open economy”, 2008 in the *Proceedings of the 7th International Conference, The Middle East Economic Association, May 29-31, 2008, Famagusta, TRNC*
- “Does internal migration lead to faster regional convergence in Turkey? An Empirical Investigation” (with Murat G. Kırdar), 2006 in the *Proceedings of the 46th Congress of the European Regional Science Association, Volos, Greece, August 30th-September 3rd, 2006*.
- “Does internal migration lead to faster regional convergence in Turkey? An Empirical Investigation” (with Murat G. Kırdar), 2006 in the *Proceedings of the EcoMod International Conference on Urban and Regional Modeling, Brussels, Belgium, 1-2 June, 2006*.
- “Büyüme Stratejileri” (with the 2004 Turkish Economics Congress-Growth Strategies Working Group), 2006 in the *Proceedings of the 2004 Turkish Economics Congress, İzmir, Turkey, May 5-9, 2004*.
- “İç ve Dış Pazarlarda Türk İnşaat Sektörü: Büyüme ve İstihdam Dinamikleri” (with Hakan Ercan), 2006 in the *Proceedings of the 2004 Turkish Economics Congress, İzmir, Turkey, May 5-9, 2004*.
- “Heterogeneous Agents, Inequality, and the Informal Sector in Developing Countries: A Dynamic

General Equilibrium Analysis,” 2003, in *the Proceedings of the 6th Annual Conference on Global Economic Analysis, The Hague, The Netherlands, June 12-14, 2003*.

“On the Size and the Evolution of the Informal Sector in Developing Countries: The Case of Turkey,” 2003, in *the Proceedings of the International Conference on Policy Modeling—EcoMod2003, Istanbul, Turkey, July 3-5, 2003*.

“Rural-urban Migration, Regionally Segmented Capital Markets, and Economic Growth: A Dynamic General Equilibrium Inquiry” (with Terry L. Roe), 2003, in *the Proceedings of the 7th ERC/METU International Conference in Economics, Ankara, Turkey, September 6-9, 2003*.

## CONFERENCE PRESENTATIONS

World Congress for Middle Eastern Studies WOCMES 2018, July 16-20, 2018, Seville, Spain

International Conference on Economic Modeling, EcoMod2018, July 4-6, 2018, Venice, Italy

27th IAFFE Annual Conference, June 19-21, 2018, New Paltz, NY, US

International Conference on Economic Modeling, EcoMod2017, July 2-4, 2017, Ljubljana, Slovenia

“Bir Kuşak Bir Yol” Kapsamında Çin-Türkiye İşbirliği Forumu—Türkiye II. Çin Araştırmaları Konferansı, 27 Nisan 2017, Ankara (Invited Speaker)

International Conference on Economics-Turkish Economic Association (ICE-TEA 2016),

October 20-22, 2016, Bodrum-Muğla, Turkey

NIGS-CASS Meeting, The One Belt One Road Initiative in the Global Context, Beijing Foreign Studies University, October 10-11, 2016, Beijing, China (Invited speaker)

The Ministry of Foreign Affairs, Center for Strategic Research-Chinese Academy of Social Sciences (CASS) Joint Meeting, Turkey-China Relations in a Broader Perspective, June 2, 2016, Ankara (Invited speaker)

The First Annual International Economic Forum on Reform, Transition and Growth, 6-8 November, 2015, College of Economics, Jinan University, Guangzhou, China (Invited speaker)

International Conference of Agricultural Economists, IAAE 29th Triennial Conference, August 8-14, 2015, Milan Italy

International Conference on Economic Modeling, EcoMod2015, July 15-17, 2015, Boston, MA

17. Ulusal İktisat Sempozyumu, Türkiye Ekonomi Kurumu ve Atatürk Üniversitesi, 24-25 Ekim 2013, Erzurum (Invited speaker)

The Global Trade Analysis Project (GTAP) –16th Annual Conference on Global Economic Analysis, June 12-14, 2013, Shanghai, China

Invited Seminar-China Agricultural University, June 10, 2013 Beijing China

International Conference on Economics-Turkish Economic Association (ICE-TEA 2012),

November 1-3, 2012, Izmir, Turkey

International Economic Association 16th World Congress, July 4-8, 2011, Beijing, China

International Anadolu Conference in Economics, June 15-18, 2011, Eskişehir, Turkey

The 17th Annual Conference of the Economic Research Forum (ERF), March 20 –22, 2011, Antalya, Turkey

International Conference on Economics-Turkish Economic Association (ICE-TEA 2010), September 1-3, 2010, Girne, Northern Cyprus (TRNC)

International Multidisciplinary Women’s Congress (IMWC) 2009, October 13-16, 2009, İzmir, Turkey

Society for Economic Dynamics (SED) Annual Meeting, July 2-4, 2009, Istanbul, Turkey

DREEM Conference on Inequalities and Development in the Mediterranean Countries, May 21-23, 2009, Istanbul, Turkey

6th Midwest International Economic Development Conference, May 1-2, 2009, Minneapolis, MN

11th Annual Conference on Global Economic Analysis, GTAP, June 12-14, 2008, Helsinki, Finland

7th International Conference, The Middle East Economic Association, May 29-31, 2008, Famagusta, TRNC

4th Minnesota International Economic Development Conference, May 4-5, 2007, Minneapolis, MN

European Regional Science Association 2006 Annual Meeting, August 30-September 3, 2006, Volos, Greece.

EcoMod International Conference on Urban and Regional Modeling, June 1-2, 2006, Brussels, Belgium.

13th National Economics Symposium, Turkish Economic Association, September 29-30, 2005, Mersin University, Mersin, Turkey.

Society for Economic Dynamics (SED) Annual Meeting, July 1-3, 2004, Florence, Italy

The Global Trade Analysis Project (GTAP) -7th Annual Conference on Global Economic Analysis, June 17-19, 2004, Washington, D.C., USA

ERC/METU 7th International Conference in Economics, September 6-9, 2003, Ankara, Turkey

AAEA Annual Meeting, July 27-30, 2003, Montreal, Canada

International Conference on Policy Modeling-EcoMod2003, July 3-5, 2003, Istanbul, Turkey

The Global Trade Analysis Project (GTAP) -6th Annual Conference on Global Economic Analysis, June 12-14, 2003, The Hague, The Netherlands

### **WORK IN PROGRESS**

“Gendered Evaluation of Participation in the Global Value Chains: The Case of Turkey” (with Emel Memiş)

### **SCHOLARSHIPS AND AWARDS**

Summer 2003 CIFAP Travel Support grant, Department of Applied Economics, University of Minnesota

International Student Work Opportunity Program Award, University of Minnesota, 2002-2003, and 1999-2000

Scholarship for Higher Education, Central Bank of the Republic of Turkey, 1997-1999

### **COURSES TAUGHT**

#### **METU, Ankara, Turkey**

Econ 101-Principles of Microeconomics

Econ 102-Principles of Macroeconomics

Econ 122-Principles of Macroeconomics (BA)

Econ 202-Macroeconomic Theory I

Econ 204-Macroeconomic Theory II (undergraduate, new course development)

Econ 400-Seminar in Economics

Econ 422- The Chinese Economy: Transitions and Change (upper level undergraduate; new course development)

Econ 466-Economics of Growth

Econ 502-Macroeconomic Theory I (Graduate, M.Sc. and Ph.D.)

Econ 504-Macroeconomic Theory II (Graduate, M.Sc. and Ph.D.)

Econ 658-Seminar in Growth Theories (Graduate, Ph.D.)

Econ 616- Multisector Models of Growth and Development (Graduate, Ph.D.) (new course development)

#### **METU-Northern Cyprus Campus, Kalkanlı, TRNC**

Eco 102-Macroeconomics

Eco 202-Intermediate Macroeconomics

Eco 302-Public Finance

Eco 304-International Macroeconomics

Eco 466-Economics of Growth

#### **Hamline University, St. Paul, MN**

M&E 1210 Microeconomic Analysis

M&E 1220 Macroeconomic Analysis

#### **University of Minnesota, Twin Cities, MN**

Econ 1101 Principles of Microeconomics

Econ 3101 Microeconomic Theory

Econ 3102 Macroeconomic Theory

## **GRADUATE THESES SUPERVISED AT METU**

Gökhan Yılmaz (June 2016), PhD., Thesis Title: “Essays on the Middle Income Trap with Special Emphasis on Turkey” (METU Prof. Dr. Mustafa Parlar Foundation 2016 Thesis of the Year Award)  
Ceren Gündoğdu (September 2015), MSc., Thesis Title: Domestic Content Of Exports And The Vertical Specialization: An Analysis For Turkish Export, 1995-2011  
Fatma Taşdemir (August 2014), MSc., Thesis Title: Structural Change in China  
Zeynep Akgül (September 2009), MSc., Thesis Title: The Impact of International Capital Flows in a Three Sector Open Economy: A Dynamic General Equilibrium Analysis"  
Basak Güleç, (May 2009) MSc., Thesis Title: “Rural-urban migration and unemployment: evidence from Turkey”.  
Zeynep Başak (September 2005), MSc., Thesis Title: “Explaining Informalization via Labor Market Segmentation Theory: Evidence from Turkey”.  
Ercüment Çahan (June 2005), MSc., Thesis Title: “Efficient Provision of Educational Services and Public versus Private Universities: The Case of Turkey”.

## **PROFESSIONAL DUTIES**

October 2016-January 2019: METU-Economics Department, Vice-Chairperson  
July 2007-November 2008: METU-Economics Department, Vice-Chairperson

December 2013-December 2014: Turkish Economic Association, Vice president  
February 2010-December 2011: Turkish Economic Association, General Secretary  
May 2005-November 2006: Turkish Economic Association, Executive Committee Member

Spring 2006-Fall 2012: METU-Economics Department, Minor Programs Coordinator  
Spring 2004-present: METU-Economics Department, Ph.D. Preliminary Exam Committee Member (Macroeconomic Theory)

International Conference in Economics-Turkish Economic Association (ICE-TEA 2014),  
October 17-19, 2014, Antalya, Organizing Committee Member  
International Conference in Economics-Turkish Economic Association (ICE-TEA 2010),  
September 1-3, 2010, Girne, Northern Cyprus (TRNC), Organizing Committee Member  
International Conference in Economics-Turkish Economic Association (ICE-TEA 2006),  
September 11-13, 2006, Ankara, Organizing Committee Member

## **MEMBERSHIP**

Member, International Association for Feminist Economics (IAFFE)  
Member, Turkish Economic Association  
Member, Middle East Economic Association  
Member, Turkish National Committee of Regional Science  
Member, Regional Science Association International