

# Serdar SAYAN

Professor of Economics

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◇ **Date/Place of Birth:** 1964 / Bayramic, Turkey ◇ **Citizenship:** Turkey

◇ **Research Interests:** Computational economics, International economics, Development economics, Demography

## ◇ **Education**

- Ph.D., Ohio State University, Columbus, Ohio, USA. June 1992.
- M.A., Ohio State University, Columbus, Ohio, USA. February 1988.
- B.S. (with Honors), Middle East Technical University, Ankara, Turkey. July 1985.

## ◇ **Employment History**

- Director, Center for Social Policy Research, TOBB University of Economics and Technology, Ankara. Oct. 2010 - Present.
- Dean, Graduate School of Social Sciences, TOBB University of Economics and Technology. Nov. 2006 - Present.
- Professor, Dept. of Economics, TOBB University of Economics and Technology. Aug. 2006- Present.
- Advisor, Turkish Economic Policy Research Foundation (TEPAV), Ankara. 2009-Present.
- Vice Dean, College of Economic and Administrative Sciences, TOBB University of Economics and Technology. 2006- 2014.
- Advisor, Turkish Prime Ministry, Undersecretariat for Foreign Trade, Ankara. Sept. 2006- May 2009.
- Associate Professor, Dept. of Economics, Bilkent University, Ankara. May 2004-July 2006.
- Visiting Scholar, Research Dept., International Monetary Fund, Washington DC. Feb. 2005- March 2005.
- Visiting Professor, Dept. of Ag., Env. and Development Economics, Ohio State University, Columbus. Sept. 2003-April 2004.
- Executive Manager, Bilkent University Center for EU Affairs, Ankara. Feb. 2002-Aug. 2003.
- Deputy Director, Graduate School for Economics and Social Sciences, Bilkent University. Feb. 2000-June 2003.
- Vice Chair and Director of Graduate Studies, Department of Economics, Bilkent University. Oct. 1997-July 2003.
- Assist. and Assoc. Professor, Dept. of Economics, Bilkent University. Sept. 1992- Aug. 2003.
- Graduate Research Assoc., Dept. of Ag., Env. and Development Economics, Ohio State University, Columbus. April 1988-May1992.
- Graduate Research Assist., Dept. of Economics, Middle East Technical University, Ankara. Sept. 1985-Aug. 1986.

## ◇ Other Academic Duties and Positions

- Member, (*Nationwide*) *Interuniversity Board*. March 2009 - Present.
- Professor Representative, Faculty Board of Economic and Administrative Sciences, TOBB University of Economics and Technology, Sept. 2007- Present.
- Member, *University Senate*. Nov. 2006 - Present.
- Member, *Academic Ethics Committee, Higher Education Council of Turkey*. 2011- 2013.
- Member, *Assoc Professorship Screening Exam Committee, Interuniversity Board*. 2009 - 2011.

## ◇ Awards, Honors and Recognitions

### Awards for and Recognition of Research Performance

- (*Lifetime*) *Research Fellow* of the Economic Research Forum, the international network of economists carrying out policy-oriented research on the issues relevant to economies of the Middle East and North Africa region, November 2002 (April 2012)-Present.
- *Mustafa Parlar Young Investigator of the Year Award*, Parlar Foundation, December 2002.

### Teaching Award

- *Distinguished Teaching Award* of Bilkent University, May 1998.

### Scholarship

- *Fulbright Grant* for graduate study in the US, 1986-1988.

### Other Honors and Recognitions

- *International Alumni of the Year Award*, College Alumni Association, Ohio State University, 2004.
- *Service Award*, Eastern Mediterranean University, 2008.
- Inducted into *Omicron Delta Epsilon*, International Honor Society in Economics, Sept. 1991.
- Inducted into *Gamma Sigma Delta*, The Honor Society of Agriculture, February 1990.

## ◇ Courses Taught

### Regular Courses

- Undergraduate: *Macroeconomics, Microeconomics, General Equilibrium Analysis, History of Economic Thought, International Economics, Mathematics for Economists*.
- Graduate: *Microeconomics, General Equilibrium Analysis, History of Economic Thought, International Economics, Selected Topics in Economics*

### Short Courses

- "Overlapping Generations General Equilibrium Modeling," EcoMod Summer School, Free University of Brussels, Brussels (to graduate students and professionals).
- "Recessions and Migrant Workers' Remittances," MireKoc Summer School, Koç University, Istanbul.
- "General Equilibrium Analysis," EYS Summer School, Pamukkale University, Denizli (to graduate students and academics).
- "Structure and Problems of Turkish Economy," Central Bank of Turkey Training Center, Ankara (to professionals).
- "Open Economy Macroeconomics and Foreign Exchange Markets," Turkish Banking Association Training Centers in Izmir and Ankara (to professionals).

## ◇ Dissertation and Thesis Supervision

### Ph.D. Dissertations Supervised

- “An Investigation of the Effects of Population Dynamics on Growth and Trade in an Overlapping Generations General Equilibrium Model,” by M. Mehdi Jelassi, Department of Economics, Bilkent University, Dec. 2004.
- “A Computational Investigation of Optimal Parameters in Pension Reform,” by Arzdar Kiraci, Ph.D., Department of Economics, Bilkent University, Sept. 2000.

### M.A. Theses Supervised

- “Essays in International Trade within the Static and Dynamic Heckscher-Ohlin Frameworks,” Eren Arbatlı, Department of Economics, Bilkent University, July 2006.
- “A Genetic Algorithm-Based Search for Parametric Reform Alternatives for the Turkish Pension System: 2005-2060,” Artun Alparlan, Department of Economics, Bilkent University, Aug. 2005.
- “An Intergenerational Optimization Analysis of Alternative Deficit Reduction Strategies for the Pension System in Turkey,” by B.Barış Çiftçi, Department of Economics, Bilkent University, Sept. 2002.
- “Approximation of the Stochastic Production Frontier Using Artificial Neural Networks,” by Sergey Doun, Department of Economics, Bilkent University, Sept. 2002.
- “A Comparison of the Forecast Performances of Linear Time Series and Artificial Neural Network Models within the Context of Turkish Inflation,” by Nuri Uçar, Department of Economics, Bilkent University, Aug. 2001.
- “A Comparative Performance Analysis for the Commonly Used Time Series Filters in Economics: Hodrick-Prescott versus Baxter-King,” by Ebru Yüksel, Department of Economics, Bilkent University, Aug. 2001.
- “Export Performance of Turkey in the European Union Market in Comparison to South East Asian Countries: 1990-1997,” by Zelal Kotan, Department of Economics, Bilkent University, Sept. 2000.
- “Labor Migration and Trade Patterns in the Presence of Age Composition Differences across Countries: An Overlapping Generations Analysis,” by A.Emre Uyar, Department of Economics, Bilkent University, Sept. 2000.
- “An Analysis of Trade Creation and Trade Diversion Effects in the BSEC Region” by Gülnihal Mahmutoğlu, Department of Economics, Bilkent University, Sept. 1998.
- “A Social Accounting Matrix Multiplier Analysis of the Effects of Agricultural Support Policies” by Ela Tin, Department of Economics, Bilkent University, Sept. 1997.

### Specialist’s Theses

- “Zamana Göre Fiyat Farklılaştırması ve Satın Alma Gücü Paritesi (Price Discrimination over Time and Purchasing Power Parity),” Mehmet Muzaffer Tamur, Central Bank of Turkey, May 2009.
- “İşçi Gelirleri ve Büyümedeki Çevrimler Arasındaki İlişki (Workers’ Remittances and Cyclical Fluctuations in Growth),” by Pınar Erdem-Yiğit, Central Bank of Turkey, November 2005.

### Master’s Projects

- “Türkiye'nin Çeşitlenen Doğrudan Yabancı Yatırım Portföyü (Diversification of Turkey’s FDI (In/Out)Flows,” by Nihan Sırıkloğlu, MBA Program, TOBB University of Economics and Technology, July 2011.

## Membership in Ph.D. Dissertation Committees

- Gökçe Akin, Ph.D., "Market-Based Environmental Regulation in the Post Kyoto World: Analysis of Turkey's Action Plan in a General Equilibrium Framework," Bilkent University, July 2012.
- Çağaçan Değer, Ph.D., "An Overlapping Generations Analysis of Social Security Reform in Turkey," Middle East Technical University, July 2011.
- Atila Bedir, Ph.D., "Price Competitiveness and Intraindustry Trade: The Case of the Turkish Economy," Ankara University, Jan. 2009.
- Berna Türkekul, Ph.D., "Short and Long Run Effects Macroeconomic Variables on the Turkish Agricultural Sector," Ege University, September 2004.
- Aykut Lenger, Ph.D., "Technological Capability and Economic Growth in Turkey," Middle East Technical University, July 2004.
- Ebru Voyvoda, Ph.D., "Alternatives in Debt Management: Investigation of Turkish Debt in an Overlapping Generations General Equilibrium Framework," Bilkent University, July 2003.
- Won Joo Hwang, Ph.D., "Macroeconomic Policies and Structural Adjustment under IMF Stabilization Program in the Turkish Economy: A Computable General Equilibrium Analysis, Middle East Technical University, April 2003.

## ◇ Service to the Profession

### Editorial Service and Refereeing

- **Associate Editor:** *Emerging Markets Finance and Trade*, 2010-2013.
- **Editor in Chief** : *Uluslararası Ekonomi ve Dış Ticaret Politikaları* (International Economics and Foreign Trade Policies), 2006- 2009.
- **Guest Editor** : *Journal of Economics and Finance*, for the Summer 2006 Symposium.  
*METU Studies in Development*, Dec. 2005 special issue.  
*Emerging Markets Finance and Trade*, Nov./Dec. 2004 special issue.
- **Member of the Editorial Board:**  
*Review of Middle East Economics and Finance*, 2007-Present  
*Ekonomik Yaklaşım*, 2001-2010; 2015-Present  
*Yapi Kredi Economic Review*, 2004-2009  
*Ege Academic Review*, 2000-2003
- **Member of the Advisory Board:**  
*Iktisat, İşletme ve Finans*, 1999-2015
- **Refereeing for Journals:**  

<i>Journal of Asian Economics</i>	<i>Middle East Development Journal</i>
<i>Bulletin of Economic Research</i>	<i>Economic Inquiry</i>
<i>Canadian J. of Economics</i>	<i>J. of Pension Economics &amp; Finance</i>
<i>J. of Development Economics</i>	<i>Physica A</i>
<i>J. of Economic Dynamics and Control</i>	<i>Quarterly Rev. of Econ &amp; Finance</i>
<i>J. of Economic Growth</i>	<i>Research in Middle East Econ</i>
<i>Economic Inquiry</i>	<i>Rev of Middle East Econ &amp; Finance</i>

*Economic Modelling*  
*Economic Papers*  
*J. of Economic Surveys*  
*Emerging Markets Finance and Trade*  
*J. of Ethnic and Migration Studies*  
*International Economic Review*  
*J. of International Economics*  
*International Review of Economics and Finance*  
*Macroeconomic Dynamics*

*Scandinavian J. of Economics*  
*Urban Studies*  
*Boğaziçi Journal*  
*Ege Akademik Bakış*  
*Ekonomi-TEK*  
*İktisat, İşletme ve Finans*  
*ODTÜ Gelişme Dergisi*  
*TİSK Akademi*  
*Yapı Kredi Economic Review*

- **Refereeing for Edited Volumes/Series:**

Research in Transportation Economics Series published by Elsevier  
Global Public Goods Series published by UNDP (edited by I. Kaul, et.al.)  
*Explaining Growth in the MENA Region* (edited by H. Pesaran and J. Nugent) Routledge.  
Robert Schuman Centre for Advanced Studies (European University Inst., Italy) WP Series

- **Refereeing for Research Grants:**

AERI (Agricultural Economics Research Institute) of Turkey  
Engineering and Physical Sciences Research Council (EPSRC) of the United Kingdom  
Economic Research Forum  
Fulbright Commission  
GERPA (Gender Economic Research and Policy Analysis)  
Global Development Network  
MireKoc (Migration Research Program at Koc University)  
Scientific and Technological Research Council of Turkey (TUBITAK)

- **Sessions and Workshops Organized**

Organizer and Director. Workshop on “Causes and Effects of the Shadow Economy: MENA and Mediterranean Countries vs the Rest of the World,” the Mediterranean Program’s *13th Mediterranean Social and Political Research Meeting* (organized by the Robert Schuman Centre for Advanced Studies at the European University Institute), Montecatini Terme, Italy: March 21-24, 2012.

Organizer. Session on “Economics of Terrorism and Crime,” *International Conference on Economics by the Turkish Economic Association* (ICE-TEA), Ankara, Turkey: September 11-13, 2006.

Organizer. Session on “Workers’ Remittances: Measurement and Identification of Their Contributions to Economic Development,” *26th Annual Meetings of the Middle East Economic Association*, Boston, USA: January 6-8, 2006.

Organizer and Director. Workshop on “Corruption and Governance: The Case of the MENA and the Mediterranean Countries,” the Mediterranean Program’s *6th Mediterranean Social and Political Research Meeting* (organized by the Robert Schuman Centre for Advanced Studies at the European University Institute), Florence, Italy: March 16-20, 2005.

*Sessions and Workshops Organized (Continued)*

Organizer. "Time Series Filtering Techniques and Business Cycles," *Computational Management Science Conference and Workshop on Computational Econometrics and Statistics* (organized in co-operation with the Society for Computational Economics), Neuchatel, Switzerland: April 2-5, 2004.

Organizer and Director. Workshop on "Business Cycle Characteristics and Transmission of Crises in a Globalized Economy: The Case of MENA and Europe," the Mediterranean Program's *4th Mediterranean Social and Political Research Meeting* (organized by the Robert Schuman Centre for Advanced Studies at the European University Institute), Florence, Italy: March 19-23, 2003.

Organizer. "Invited Session on Advances in Computational Economics," *ERC/METU International Conference in Economics VI*: Ankara, Turkey: September 11-14, 2002.

Organizer. "Session on Overlapping Generations Modeling of Population Aging and Related Demographic Issues," *IFAC Symposium on Modeling and Control of Economic Systems*, Klagenfurt, Austria: September 6-8, 2001.

Organizer and Panel Chair. "Bilkent-FAO Meeting on International Trade and Food Security," Ankara, Turkey: September 13, 1996.

◇ **Positions Held in Professional Societies and Other Organizations**

- President (2010-2012), Executive Secretary (2007-2009), Board Member (2004- 2006) and Member (1996-Present), *Middle East Economic Association*.
- Board Member (2000-2003) and Member (1999-Present), *Turkish Economic Association*.
- Member, *Society for Computational Economics*, 1999-Present.
- Member, *Fulbright Alumni Association of Turkey*, 1996-Present.
- Member, *Global Development Network*, 2002-Present.
- Member, *TUSIAD-Koc Economic Research Forum*, 2010-Present.

◇ **Selection of Policy Relevant Work and Commissioned Research**

- Independent expert, *European Social Policy Network (ESPN)* (contributing regularly to *ESPN Turkey Country Profiles*, 2014-Present)
- Co-Principal Investigator, OECD LEED Project and co-Author of the Report on Turkey: *Employment and Skill Strategies in Turkey (OECD Reviews on Local Job Creation)*, Paris: OECD (in press) (with Jonathan Barr)
- Key expert (in charge of the coordination of research leading to 4 different thematic reports and reviews leading to 36 sectoral guides), "Technical Assistance for Promoting Registered Employment through Better Guidance and Inspection," project funded by the European Commission and the Turkish Government, 2014-2016.
- Non-key expert (in charge of the coordination of research leading to 9 different thematic reports), "Technical Assistance for Improving the Quality of Public Employment Services in Turkey," project funded by the European Commission and the Turkish Government, 2012-2014.

- Member, Steering Committee of the UMEM (Specialized Occupational Development Centers) Project (a.k.a. Skills '10 Project), 2011-2015.
- Member, *Ad hoc* Committee of Experts on Social Security Reform in Turkey for the 10th Development Plan, 2012.
- Member, *Ad hoc* Consultory Committee for the Formation of a National Employment Strategy and Action Plan, the Turkish Ministry of Labor, Dec. 2009-Feb. 2010.
- Member, *Ad hoc* Committee of Experts on Social Security Reform in Turkey for the 9th Development Plan, State Planning Organization, Ankara, 2005.
- Member of the Research Council (the Council that decides on the priority research areas to be supported by the AERI), 1997-2001.
- Member, Work Group for Development of Policies to Promote Technologies Sensitive to Environment, Turkish Academy of Sciences-Scientific and Technical Research Institute of Turkey-Technology Development Foundation of Turkey, 1995.

## PUBLICATIONS

### Refereed Articles in Scholarly Periodicals

#### Refereed Articles in English:

S. Sayan, "Serving as a referee for your own paper: A dream come true or...?" *Review of Social Economy* 74(2): 75-82, 2016.

S. Sayan and A. Tekin-Koru, "Remittances, Business Cycles and Poverty: The Recent Turkish Experience," *International Migration*, Vol. 50, No. s1, 2012. pp. 151-176.

C. Bora Durdu and S. Sayan, "Emerging Market Business Cycles with Remittance Fluctuations," *IMF Staff Papers*, Vol. 57, No. 2, 2010. pp. 303-325.

G. Celik and S. Sayan, "On the Optimality of Nonmaximal Fines in the Presence of Corruptible Law Enforcers," *Review of Economic Design*, Vol. 12, No. 3, 2008. pp. 209-227.

S. Sayan, "Heckscher-Ohlin Revisited: Implications of Differential Population Dynamics for Trade within an Overlapping Generations Framework," *Journal of Economic Dynamics and Control*, Vol. 29, No. 9, 2005. pp. 1471-1493 [Lead Article].

M. Jelassi and S. Sayan, "Implications of Unequal Rates of Population Growth for Trade: An Overlapping Generations-General Equilibrium Analysis within the Heckscher-Ohlin Framework," *METU Studies in Development* (Special Issue in Memory of Prof. Merih Celasun), Vol. 32, No. 2, 2005. pp. 391-408.

S. Sayan, "The Effects of BSEC on Regional Trade Flows," *Agora Choris Synora*, Vol. 10, No. 4, 2005. pp. 334-347.

S. Sayan, "Guest Workers' Remittances and Output Fluctuations in Host and Home Countries: The Case of Remittances from Turkish Workers in Germany," **Emerging Markets Finance and Trade**, Vol. 40, No. 6, 2004. pp. 68-81.

S. Sayan, "H-O for H<sub>2</sub>O: Can the Heckscher-Ohlin Framework Explain the Role of Free Trade in Distributing Scarce Water Resources in the Middle East?," **Review of Middle East Economics and Finance**, Vol. 1, No. 3, 2003. pp. 215-230.

S. Sayan and N. Demir, "Structural Change in Agriculture and Water Requirements in Turkish Economy," **Research in Middle East Economics**, Vol. 5, 2003. pp. 289-315.

T. Teksoz and S. Sayan, "Simulation of Benefits and Risks after the Planned Privatisation of Pension System in Turkey: Is The Expected Boost to Financial Markets Feasible?" **Emerging Markets Finance and Trade**, Vol. 38, No. 5, 2002. pp. 23-45.

S. Sayan, "Turning Potential Retirees into Workers: Pension Reform Act of 1999 and Beyond in Turkey," **Middle East Business and Economic Review**, Vol. 14, No. 2, 2002. pp. 54-70.

Z. Kotan and S. Sayan, "A Comparative Investigation of the Price Competitiveness of Turkish and South East Asian Exports in the European Union Market: 1990-1997," **Emerging Markets Finance and Trade**, Vol. 38, No. 4, 2002. pp. 59-85.

S. Sayan, "The Contribution of Black Sea Economic Cooperation Organisation to Regional Development," **South East Europe Review**, No. 2, 2002. pp. 25-34.

T. Teksoz and S. Sayan, "Simulation of Risks and Benefits from a Private Pension Scheme for Turkey," **Hazine Dergisi**, No. 14, 2002. pp. 141-159.

T. Kenc and S. Sayan, "Demographic Shock Transmission from Large to Small Countries: An Overlapping Generations CGE Analysis," **Journal of Policy Modeling**, Vol. 23, No. 6, 2001. pp. 677-702.

S. Sayan and A. Kiraci, "Parametric Pension Reform with Higher Retirement Ages: A Computational Investigation of Alternatives for a Pay-As-You-Go Based Pension System," **Journal of Economic Dynamics and Control**, Vol. 25, No. 6-7, 2001. pp. 951-966.

S. Sayan and A. Kiraci, "Identification of Parametric Policy Options for Rehabilitating a Pay-As-You-Go Based Pension System: An Optimisation Analysis for Turkey," **Applied Economics Letters**, Vol. 8, No. 2, 2001. pp. 89-93.

S. Sayan and N. Demir, "Measuring the Degree of Block Interdependence between Agricultural and Non-agricultural Sectors in Turkey," **Applied Economics Letters**, Vol. 5, No. 5, 1998. pp. 329-332.

S. Sayan, "Budget Deficits and Agricultural Support Spending: General Equilibrium Effects Under Alternative Support Schemes," **Yapi Kredi Economic Review**, Vol. 7, No. 2, 1996. pp. 27-46.



### Refereed Articles in Turkish:

F.P. Erdem and S. Sayan, "Türk ve Alman Ekonomilerindeki İş Çevrimlerinin Almanya'dan Türkiye'ye Transfer Edilen İşçi Gelirleri Üzerindeki Etkileri: Ekonometrik Analiz (Behavior of Remittances from Turkish Workers in Germany over the Business Cycles in Turkey and Germany: An Econometric Analysis)," *Uluslararası Ekonomi ve Dış Ticaret Politikaları*, Vol. 2, No. 3, 2008. pp. 103-130.

S. Sayan, "Sosyal Sigortalar Kurumu'nun Uzun Dönem Aktüeryel Dengeleri: 1999 Reformu ve Alternatifleri (Long Term Actuarial Balances of the SSK Pension Fund: The Reform of 1999 and its Alternatives)," *Karia*, Vol. 1, No. 1, 2005. pp. 39-71.

Z. Kotan and S. Sayan, "Türk İhraç Ürünlerinin Avrupa Birliği Pazarında Güney Doğu Asya Ülkelerine Karşı Rekabet Gücünün Analizi: 1990-1999 (An Analysis of the Price Competitiveness of Turkish Exports to the European Union Markets against South East Asian Products: 1990-1999)," (with English abstract), *Ekonomik Yaklaşım*, Vol. 14, No. 44-46, 2003. pp. 1-21.

C. Abay, S. Sayan and B. Miran, "Türkiye'de Tarımsal Destek Harcamalarının Enflasyonist Etkileri: Ekonometrik Bir İnceleme (Inflationary Effects of Agricultural Support Spending in Turkey: An Econometric Investigation)," *İktisat, İşletme ve Finans*, Vol. 17, No. 199, 2002. pp. 49-60.

S. Sayan and H. Berument, "Türkiye'de Siyaset, Ekonomik Populizm ve Hükümetler (Politics, Economic Populism and Governments in Turkey)," (with English abstract), *Hacettepe Üniversitesi İİSBF Dergisi*, Vol. 15, No. 2, 1997. pp. 171-185.

S. Sayan, "Türkiye'de İktisat Öğretimi Nasıl Yapılmalı? Bir Mikroiktisadi Yaklaşım Denemesi (How Should Economics be Taught in Turkey? A Microeconomic Approach)," *Ekonomik Yaklaşım*, Vol. 5, No.14, 1994.

M. Muftuler and S. Sayan, "İsrail-Filistin Barışının Türkiye ve Bölge Ekonomileri Üzerindeki Olası Etkilerine Bir Bakış (An Assessment of the Possible Effects of a Prospective Israeli-Palestinian Peace on the Economies of Turkey and the Region)," *Ekonomik Yaklaşım*, Vol. 4, No.11, 1994.

S. Sayan, "Ekonomi Teorisi ve Ekonomi Eğitimi: Kara'ya Cevap (Economic Theory and Economics Education: A Reply to Mr.Kara)," *METU Studies in Development*, Vol. 15, No.s 1-2, 1988.

S. Sayan, "Ekonomi Nasıl Öğretil(me)meli (How Should Economics [not] be Taught?)," *METU Studies in Development*, Vol. 14, No. 1, 1987.

### Chapters in Books

S. Sayan, "Remittances and Recessions in Home and Host Countries: An Overview," in A. R. Al-Noaimi and I. Omelaniuk (ed.), *Labor Mobility: An Enabler for Sustainable Development*, Abu Dhabi: The Emirates Center for Strategic Studies and Research, 2013, pp. 87-102.

S. Sayan and A. Tekin-Koru, "Host-Country Economic Policies and Worker Remittances to Developing Countries: The Cases of Turkey and Mexico," in R. Lucas, L. Squire and T. Srinivasan (eds.), *Global Exchange and Poverty: Trade, Investment and Migration*, Cheltenham: Edward Elgar, 2010, pp. 158-194.

S. Sayan, "Sosyal Güvenlik (Social Security)," in N. Özkaramete-Coşkun (ed.), **Türkiye Ekonomisi Yeni Yapı: 2000-2008** (*Turkish Economy: The New Structure 2000-2008*), Ankara: İmaj Yayınevi, 2009, pp. 135-151.

T. Kenc and S. Sayan, "Demographic Shock Transmission from Large to Small Countries: An Overlapping Generations CGE Analysis," in J. Creedy & R. Guest (Ed.), **New Developments in the Economics of Population Ageing** (*Critical Writings in Economics Series* edited by Mark Blaug), Cheltenham: Edward Elgar, 2007. [Reprint of the *Journal of Policy Modeling* (2001) paper by the authors.]

S. Sayan, "Political Economy of Pension Reform," in S. Altug and A. Filiztekin (eds.), **The Turkish Economy: The Real Economy, Corporate Governance and Reform**, London: Routledge-Curzon, 2006, pp. 252-275.

Z. Kotan and S. Sayan, "Price Competition between Turkish and East Asian Exports in the European Union Market in the 1990s," in H. Hakimian and J.B. Nugent (eds.), **Trade Policy and Economic Integration in the Middle East and North Africa: Economic Boundaries in Flux**, London: Routledge-Curzon, 2004, pp. 119-137.

G. Turhan-Sayan and S. Sayan, "Use of Time-Frequency Representations in the Analysis of Stock Market Data," E. Kontoghiorghes, B. Rustem and S. Siokos (eds.), **Computational Methods in Decision-making, Economics and Finance**, Kluwer Applied Optimization Series, Dordrecht: Kluwer Academic Publishers, 2002, pp. 429-453.

S. Sayan, "Nüfus, İşgücü Piyasaları ve Sosyal Güvenlik Politikaları (Demography, Labor Markets and Social Security Policies)," in A. Şahinöz (ed.), **Türkiye Ekonomisi: Sektörel Analiz** (*The Turkish Economy: A Sectoral View*), Ankara: Türkiye Ekonomi Kurumu, 2001, pp. 432-457.

S. Sayan and O. Zaim, "The Black Sea Economic Cooperation Project," in L. Rittenberg (ed.), **The Political Economy of Turkey in the Post-Soviet Era**, Westport, CT: Praeger/Greenwood Publishing Group, Inc., 1998, pp. 115-136.

S. Sayan, "Economic Cooperation as a Means of Maintaining Palestinian-Israeli Peace: A Conceptual Framework," in H. Koni (ed.), **Contribution of Turkey for Reconstruction and Development of Palestine**, Ankara: Friedrich-Naumann-Foundation, 1995. pp. 209-228.

### Edited Volumes

S. Sayan (ed.). **Economic Performance in the Middle East and North Africa: Institutions, Corruption and Reform**, London and New York: Routledge, 2011 (Soft Cover Ed.) and 2009 (Hard Cover Ed.)

S. Sayan (ed.). **Yerel Ekonomilerin Sürdürülebilir Kalkınması ve Çanakkale Örneği** (*Sustainable Development of Regional Economies: the Case of Canakkale*), Ankara: Türkiye Ekonomi Kurumu, 2002.

## Monographs/Reports

S. Sayan and J. Barr, *OECD Reviews on Local Job Creation – Turkey*, Paris: OECD (in Press).

F. Adaman, D. Aslan, B. Erus and S. Sayan, *ESPN Thematic Report on Retirement Regimes for Workers in Arduous or Hazardous Jobs: Turkey 2016*, Brussels: European Social Policy Network (ESPN), 2016. (14p. –supplementary to D. Natali, S. Spasova and B. Vanhercke, *Retirement Regimes for Workers in Arduous or Hazardous Jobs in Europe: A Study of National Policies 2016*, Brussels: ESPN, 2016) (doi: 10.2767/978434)

F. Adaman, D. Aslan, B. Erus and S. Sayan, *ESPN Thematic Report on Work–life Balance Measures for Persons of Working Age with Dependent Relatives*, Brussels: European Social Policy Network (ESPN), 2016. (16p.)

F. Adaman, D. Aslan, B. Erus and S. Sayan, *ESPN Thematic Report on Minimum Income Schemes: Turkey 2015*, Brussels: European Social Policy Network (ESPN), 2016. (18p.) (doi: 10.2767/978434)

S. Sayan, Y. Alper and C. Deger, *2050'ye Doğru Nüfusbilim ve Yönetim: Sosyal Güvenlik (Emeklilik) Sistemine Bakış*, Ankara: TUSIAD, 2012. (134p.) (Available at <http://bit.ly/1T1DGhK>)

F. Adaman, A. Carkoglu, R. Erzan, A. Filiztekin, B. Ozkaynak, S. Sayan and S. Ulgen, *The Social Dimension in Selected Candidate Countries in the Balkans: Country Report on Turkey*, ENEPRI (European Network of Economic Policy Research Institutes) Report No. 41 (Balkandide), Brussels: ENEPRI, 2007. (74p.) (Available at [http://shop.ceps.eu/BookDetail.php?item\\_id=1606&](http://shop.ceps.eu/BookDetail.php?item_id=1606&))

Y. Alper, S. Imrohoroğlu and S. Sayan, *Türk Emeklilik Sisteminde Reform: Mevcut Durum ve Alternatif Stratejiler (Reform in the Turkish Pension System: The Present Situation and Alternative Strategies Ahead)*, Istanbul: TUSIAD, 2004. (184 p.)

S. Sayan, S. Elci and H. Avci, *Factors and Impacts in the Information Society – A Prospective Analysis in the Candidate Countries: Report on Turkey*, Sevilla: IPTS, 2004. (198 p.)

C. Abay, S. Sayan, B. Miran and A. Bayaner, *Türkiye'deki Tarımsal Destek Harcamalarının Enflasyonist Etkilerinin Ekonometrik Analizi (An Econometric Investigation into the Inflationary Effects of Agricultural Support Spending in Turkey)*, Ankara: Agricultural Economics Research Institute of Turkey, 2001. (63p.)

## Discussion/Working Papers

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“İktisat Öğretimi: Amaçlar ve Kısıtlar” (Economics Education: Objectives and Constraints), *Aegean Workshop on Economics Education* hosted by Yaşar University, Çeşme: March 27, 2015.

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“To Give In or Not To Give In To Bribery? Setting the Optimal Fines for Violations of Rules when the Enforcers are Likely to Ask for Bribes,” the *Sixth Mediterranean Social and Political Research Meeting* (organized by the Robert Schuman Centre for Advanced Studies at the European University Institute), Florence, Italy: March 16-20, 2005. [joint work with G. Celik]

“Workers’ Remittances and Output Fluctuations in Developed Host and Developing Home Economies,” the *6th Annual Conference of the Global Development Network (GDN)*, Dakar, Senegal: January 21-26, 2005.

“The Effects of Economic Developments and Policies in Host Countries on Workers’ Remittance Receipts of Developing Countries: The Case of Turkey in Comparison to Tunisia and Mexico,” *Global Development Network (GDN) Workshop on ‘The Impact of Rich Country Policies on Poverty: A Global View,’* Beirut, Lebanon: December 13, 2004. [joint work with A. Tekin-Koru]

“Yüksek Lisans/Doktora Düzeyinde İktisat Eğitiminin Sorunları (Problems of Graduate Economics Education in Turkey),” *Panel Discussion on Graduate Economics Education in Turkey, Türkiye Ekonomi Kurumu İktisat Eğitimi Sempozyumu*, Ankara: December 11, 2004.

“Alternatives for Pension Reform in Turkey,” *TUSIAD International Seminar on ‘Global Tendencies and Attitudes towards Reforming Social Security Systems,’* Istanbul: December 7, 2004.

“Emeklilik Sisteminde Reform: Mevcut Durum ve Alternatifler (Reform in the Turkish Pension System: The Present Situation and Alternative Strategies),” *TUSIAD Report Launch Event and Press Conference*, Istanbul: November 9, 2004. [joint work with Y. Alper and S. Imrohorglu]

“National Information Infrastructure in Turkey,” *International Center for Economic Growth Workshop on ‘Factors and Impacts in the Information Society: An Analysis of the Prospects for Candidate Countries,’* Budapest, Hungary: June 30-July 1, 2003.

“Guest Workers’ Remittances and Output Fluctuations in Host and Home Countries: The Case of Remittances from Turkish Workers in Germany and the EU,” the *Fourth Mediterranean Social and Political Research Meeting* (organized by the Robert Schuman Centre for Advanced Studies at the European University Institute), Florence, Italy: March 19-23, 2003.

“Structural Change in Agriculture and the Turkish Economy Before and After the Structural Reforms and Liberalization of the 1980s,” *Fourteenth International Conference on Input-Output Techniques*, Montréal, Canada: October 10-15, 2002. [joint work with and presented by N.Demir]

“Demographic Trends and the Upcoming Changes in the Patterns of Migration and Trade between Developing and Developed Countries,” the *Annual World Bank Conference on Development Economics*, Oslo, Norway: June 24-26, 2002.

“An Investigation into the Demographic Determinants of Migration and Trade Patterns in Europe: Simulation Results from an Archetype Overlapping Generations Model,” the *Third Mediterranean Social and Political Research Meeting* (organized by the Robert Schuman Centre for Advanced Studies at the European University Institute), Florence, Italy: March 20-24, 2002.

“An Overlapping Generations General Equilibrium Analysis of the Directions of Trade and Labor Flows between Countries with Young and Aging Populations,” *International Federation of Automatic Control (IFAC) Symposium on Modelling and Control of Economic Systems 2001*, Klagenfurt, Austria: September 6-8, 2001.

“The Role of Bilkent University within Turkish Higher Education System,” the *Annual Meetings of the European Association of International Education*, Tampere, Finland: December 5-8, 2001.

“Bölgesel Kalkınma Açısından Çanakkale Yöresinin Karşılaştırmalı Üstünlükleri (Comparative Advantages of Canakkale for Regional Development),” *9. Ulusal İktisat Sempozyumu*, Çanakkale: October 18-19, 2001.

“AB’ye Tam Üyelik Sürecinde Türkiye’de Küçük Sanayi (Small Industry during the Course of Turkish Accession into the EU),” *Türkiye’nin Sorunlarına Çözüm Konferansı-IV*, Pamukkale University, Denizli: May 21, 2001.

“Türkiye’de Tarıma Yapılan Transferler ve Enflasyon: 1979-1999 Dönemi İçin Ekonometrik Bir İnceleme (Transfers to Agriculture and Inflation: An Econometric Investigation for 1979-1999),” *Agricultural Economics Research Institute (AERI/TEAE) Workshop*, Ankara: May 4, 2001. [joint work with C. Abay and B. Miran.]

“Political Economy of Pension Reform: The Lessons that MENA Countries can Derive from the Pension Reform Experience of Turkey,” *2nd Mediterranean Social and Political Research Meeting* (organized by the Robert Schuman Centre for Advanced Studies at the European University Institute), Florence, Italy: March 21-25, 2001.

“Recent Developments in Turkish Foreign Trade,” *Conference on the ‘Economy of Turkey’* (organized by the Moshe Dayan Center, Tel Aviv University), Tel Aviv, Israel: June 15, 2000.

“Social Security Reform through Increases in the Statutory Entitlement Ages for Old Age Insurance: Optimal Magnitude and Timing,” the *Sixth International Conference of the Society for Computational Economics*, Barcelona, Spain: July 6-8, 2000. [joint work with G. Turhan-Sayan]

“Reflections on How to Be a Better Teacher?” *Approaches to Better Teaching Workshop*, Bilkent University, Ankara: September 24-27, 1999.

“Turk Emeklilik Sisteminin Rehabilitasyonu İçin Parametrik Politika Alternatifleri (Parametric Reform Options Before the Pension System in Turkey),” Background paper [joint work with A. Kiracı] presented at the *Policy Debate on Pension Reform in Turkey* featuring Serdar Sayan and Kemal Kılıçdaroğlu (organized by the Turkish Economic Association), Ankara: May 26, 1999.

*Invited Lectures and Presentations (Continued)*

“İktisat Öğretimi Nasıl Olmalıdır? (What Kind of an Economics Education?)” *Panel Discussion on ‘Economics Education in Turkey’*, Hacettepe University, Ankara: April 21, 1999.

“An Investigation of Reform Options for Turkish Social Security System: An Overlapping Generations General Equilibrium Analysis,” *2nd International Conference of the METU/Economic Research Center*, Ankara: September 9-12, 1998. [joint work with S. Ozgur and T. Kenc]

“The Prospects of Economic Integration between Ageing European Union and Baby-Booming Turkey: An Overlapping Generations-General Equilibrium Analysis,” presented *in absentia* by E. Alper at the *Sixteenth Annual Meeting of the Middle East Economic Association* (held in conjunction with Allied Social Science Associations), New Orleans, USA: January 3-5, 1997. [joint work with T. Kenc]

“Economic Cooperation as a Means of Maintaining Palestinian-Israeli Peace: A Conceptual Framework,” *International Conference on ‘the Contribution of Turkey for Reconstruction and Development of Palestine’*, Ankara: December 1-3, 1994.

“Ekonomi Eğitiminde Yöntem Üzerinde Düşünceler (Some Thoughts on the Method of Economics Education),” *Panel Discussion on ‘Economics Education in Turkey’*, Gazi University, Ankara: June 16, 1993.

### Seminars

**Yıldırım Beyazıt University (2015)**

Bilgi University (2014)

**American University of Sharjah (2013)**

*MiReKoç/Koç University* (2013)

**Betam/Bahçeşehir University (2011)**

EAD-SETA (2010)

**SESRIC/OIC (2009)**

*Kennedy School/Harvard University* (2009)

**İzmir University of Economics (2008)**

İstanbul Technical University (2008 and 2006)

**American University, Washington, DC (2005)**

Ohio State University (2005)

**Bilkent University (2004)**

Koc University (2004)

**Bogazici University (2004)**

Ohio State University (2004)

**West Virginia University (2003)**

Bogazici University (2002)

**Sabancı University (2002)**

Bilkent University (2001)

**Ege University (2001)**

Middle East Technical University (2001)

**University of California Riverside (2001)**

Middle East Technical University (2000)

**Bogazici University (1999)**

Koç University (1999)

**Bilkent University (1999)**

Hacettepe University (1997)

**Bilkent University (1996 and 1994)**

Ohio State University (1992 and 1989)