

## Gökhan Özertan

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### ACADEMIC POSITIONS

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January 16-Present: Professor of Economics, Boğaziçi University  
December 09-January 16: Associate Professor of Economics, Boğaziçi University  
September 01-December 09: Assistant Professor of Economics, Boğaziçi University

### EDUCATION AND ACADEMIC DEGREES

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2009: “Doçent” (Associate Professor), Interuniversity Council, Turkey.  
2001: Ph.D. in Agricultural Economics, Texas A&M University, TX, USA. Research for dissertation focuses on intellectual property rights, investment protection and efficient contract mechanism designs in agriculture and their impacts on biotechnology (Advisors: H. Alan Love, Texas A&M University; Curtis R. Taylor, Duke University).  
1994: B.A. in Economics, Boğaziçi University, Istanbul, Turkey  
1990: High School Diploma, Istanbul Alman Lisesi, Istanbul, Turkey

### VISITING POSITION

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August 2009-August 2010: Visiting Scholar, Department of Environmental, Earth and Ocean Sciences, University of Massachusetts-Boston.

### RESEARCH FIELDS

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Technology Use in Agriculture, Modeling of Agricultural Processes, Commodity Prices, Common-Pool Resources, Industrial Organization, Intellectual Property Rights.

### PUBLICATIONS

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- Karapınar, B., and Özertan, G. (2020) “Yield Implications of Date and Cultivar Adaptation to Wheat Phenological Shifts: A Survey of Farmers in Turkey,” *Climatic Change*, Vol: 158: 453-472.
- Özertan, G. (2020) “[Tarım ve Gıda 2020: Sürdürülebilir Büyüme Bağlamında Tarım ve Gıda Sektörünün Analizi: Giriş](#)” (Agriculture and Food 2020: An Analysis of Agriculture and Food Sectors Under Sustainable Growth: Introduction), Yayın No: TÜSİAD-T/2020-03/613.
- Karapınar, B., Özertan, G., Tanaka, T., An, N., Turp T. (2020) “[İklim Değişikliği Etkisi Altında Tarımsal Ürün Arzının Sürdürülebilirliği](#)” (Sustainability of Agricultural Product Supply Under Impact of Climate Change), Yayın No: TÜSİAD-T/2020-03/616.
- Tümen, S., Özertan, G. (2020) “[Katma Değerin Artırılması, İnovasyon ve Dijital Tarım](#)” (Increasing Value Added, Innovation and Digital Farming), Yayın No: TÜSİAD-T/2020-03/615.

- Tekgüç, H., Demirkılıç, S., Özertan, G. (2020) “[Türkiye’de Gıda Enflasyonunun Gelişimi: Seçilmiş Ürünler Üzerine Bir Çalışma](#)” (Development of Food Inflation in Turkey: A Study on Selected Products), Denizbank Yayınları.
- Tektaş, A., Özertan, G., Helvacıoğlu, A.D., Karapınar B. (2018) “[GAP Organik Tarım Küme Projesi Ölçeklendirilebilirlik ve Tekrarlanabilirlik Araç Seti](#)” (GAP Organic Agriculture Cluster Project Scalability and Replicability Tool Kit), GAP BKİ, Şanlıurfa, Türkiye.
- Kadirbeyoğlu, Z., Özertan, G. (2015) “Power in The Governance Of Common-Pool Resources: A Comparative Analysis Of Irrigation Management Decentralization in Turkey” *Environmental Policy and Governance* Vol.25, pp.157-171.
- Özertan, G., Saghalian, S., Tekgüç, H. (2014) “Market Power in the Poultry Sector in Turkey.” *Boğaziçi Journal, Review of Social, Economic and Administrative Studies* Vol. 28(2), pp.19-32.
- Öz, M. S., Özertan, G. (2013) “Price Dynamics between Turkish and International Cotton Prices.” *Emerging Markets Finance and Trade*, Vol. 49, Supplement 5, pp. 183-197.
- Aydın, C.I., Özertan, G., Özkaynak, B. (2013) ”Assessing the GMO Debate in Turkey: The Case of Cotton Farming” *New Perspectives on Turkey*, No. 49, pp. 5-29.
- Saghalian, S., Özertan, G., Tekgüç, H. (2013) “Beef and Milk Price Links in Turkey” *Economics Bulletin*, Vol. 33, No. 4, pp. 2607-2616.
- Özertan, G. (2013) “Yeni Tarım Düzeni ve Türkiye Tarım Sektörü’nde Kalkınma İçin Teknoloji Kullanımının Rolü,” (New Agricultural System and Role of Technology Use in Development of Turkey’s Agriculture Sector) in *Kalkınma Literatürü’nde Yeni Yaklaşımlar*, eds. D. Dumludağ, and A. F. Aysan, İmge Yayınevi, Ankara.
- Kadirbeyoğlu, Z., Özertan, G. (2010) “Water in Turkey: Neoliberal Policies, Challenges, and the Road Ahead,” in *Rethinking Rural Development in Turkey: World Bank Strategy and Beyond*, eds. B. Karapınar, F., Adaman, and G. Ozertan, Nova Publishers, New York, Chapter 9, pp. 169-187.
- Spaulding, A.D., Tulum, Ö., Saghalian, S., Özertan, G. (2009) ”Impact of a New Price Support Policy on the Turkish Hazelnut Industry.” *Acta Horticulturae*, VII International Congress on Hazelnut. Vol. 845, pp.795-800.
- Saghalian, S., Özertan, G., Spaulding, A. (2008) “The Dynamics of Price Transmission in the Presence of a Major Food Safety Shock: The Impact of H5N1 Avian Influenza on the Turkish Poultry Sector,” *Journal of Agricultural and Applied Economics*, Vol. 40, No. 3, pp. 1015-1031.
- Özar, Ş., Özertan, G., and Irfanoğlu, Z. B. (2008) “Micro and Small Enterprise Growth in Turkey: Under the Shadow of Financial Crisis,” *Developing Economies*, Vol. 46, No. 4, pp. 331-362.
- Özertan, G., Çevik, B. (2008) “Pricing Strategies and Protection of Digital Products Under Presence of Piracy,” *Journal of Artificial Societies and Social Simulation*, Vol. 11, No. 4, 1.
- Saghalian, S., Özertan, G., Spaulding, A. (2008) “The impacts of Atlantic bonito rush and the avian influenza on meat products in Turkey,” *Economics Bulletin*, Vol. 17, No. 16, pp. 1-10.
- Akben, E., Özertan, G., Spaulding, A., and Saghalian, S. (2008) “Consumer Responses to the H5N1 Avian Influenza: The Case of Turkey,” *Economics Bulletin*, Vol. 4, No. 15, pp. 1-9.
- Gökşen, F., Özertan, G., Sağlam, İ., and Zenginobuz, Ü. (2008) ”Impacts of the Tax System on Poverty and Social Exclusion: A Case Study on Turkey,” *New Perspectives on Turkey*, No. 38, pp. 159-179.

- Özar, Ş., Özertan, G. (2008) “Small Enterprises and Financial Crisis in Turkey. A Comparison with Larger Enterprises,” *Asian-African Journal of Economics and Econometrics*, Vol. 8, No: 1, pp. 83-93.
- Özertan, G. (2008) “Biyoyakıtların Türkiye’nin enerji, tarım, çevre ve kırsal kalkınma politikaları için önemi” (The Importance of Biofuels for Turkey’s Energy, Agricultural, Environmental and Rural Development Policies), *İktisat, İşletme ve Finans*, Vol.23, No: 252, pp.17-34.
- Özertan, G., Aerni,P. (2007) “GM Cotton and Its Possible Contributions to Environmental Sustainability and Rural Development in Turkey,” *International Journal of Agricultural Resources, Governance and Ecology*, Vol. 6, Nos. 4/5, pp. 552-575.
- Adaman, F., Özertan, G. (2007) “Perceptions and Practices of Farmers Towards the Salinity Problem: The Case of Harran Plain, Turkey,” *International Journal of Agricultural Resources, Governance and Ecology*, Vol. 6, Nos. 4/5, pp. 533-551.
- Burton, D.M., Love, H.A., Özertan, G., Taylor, C.R. (2005) “Property Rights Protection of Biotechnology Innovations,” *Journal of Economics and Management Strategy*, December 2005, Vol:14, Number: 4, pp.779-812.
- Özertan, G. and Bölek, Y. (2001) “Teknoloji Koruma Sistemi (Terminatör Teknolojisi)” (Technology Protection System-Terminator Technology), in *Bitki Biyoteknolojisi II (Plant Biotechnology II)*, September 2001, eds. S. Özcan, E. Gürel, M. Babaoğlu, Selçuk University Press, Chapter 16, pp. 421-437 (in Turkish).

#### **EDITED SPECIAL ISSUE**

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- Special Issue of the workshop on “Structural Issues and Transition in Emerging Markets: Selected Papers on Banking, Development, and Economic Pricing” *Emerging Markets Finance and Trade*, Vol. 49, Supplement 5.

#### **EDITED BOOK**

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- *Rethinking Rural Development in Turkey: World Bank Strategy and Beyond* (2010), eds. B. Karapinar, F. Adaman, and G. Ozertan, Nova Publishers, New York.

#### **PAPERS PRESENTED AT CONFERENCES**

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- Özertan, G., Gurdal, M.Y., Karapinar, B., and Unal, G. “Two Approaches in Estimating the Impacts of Climate Change on Turkish Agriculture: Autonomous Adaptation and Farmers Risk Behavior.” at the Annual International Conference of the Middle East Economic Association (MEEA), January 2017, Chicago, USA
- Özertan, G., Gurdal, M.Y., Karapinar, B., and Unal, G. “Impacts of Climate Change on Turkish Agriculture: Autonomous adaptation and Farmers Risk Behavior.” Paper presented at EconWorld Conference, August 2016, London, UK.
- Öz, M, and Özertan, G. “Price Dynamics of Agricultural Commodities: The Case of Turkey.” Paper presented at the Annual International Conference of the Middle East Economic Association (MEEA), January 2013, San Diego, USA.
- Özertan, G., S. Saghayan, and H. Tekgüç. “Red Meat Price Spike in Turkey during 2009-2010: Supply Deficit and Hoarding.” Poster presented at the Thirty-Second Annual Meeting of the Middle East Economic Association (MEEA), and Allied Social Science Associations (ASSA), January 2012, Chicago, USA.

- Özertan, G., Akben, E., Saghaian, S., and Spaulding, A. “Consumer Responses to Food Scares: The Case of the 2005-2006 Avian Influenza in Turkey” Poster presented at the ASSA Annual Meeting, January 2008, New Orleans, USA.
- Özertan G. and Aerni, P. “GM cotton and its potential impact on environmental sustainability and rural development in Turkey” 11th International ICABR Conference, July 2007, Ravello, Italy.
- Özertan, G., Saghaian, S., and Spaulding, A. “The Impact of the 2005-2006 Avian Influenza Crisis on the Turkish Chicken Sector” 6th MEEA Conference, March 2007, Dubai, UAE.
- Özertan, G. and Adaman, F. “Management of salinity in Turkey” ICE-TEA Conference, September 2006, Ankara, Turkey.
- Özertan G. and Aerni, P. “Effects of Turkey’s adoption of biotechnology in agriculture” ICE-TEA Conference, September 2006, Ankara, Turkey.
- Özertan G., Love H.A., Taylor, C.R., and Burton, D.M. “Property Rights Protection of Biotechnology Innovations” (i) Asset Meeting, November 2004, Barcelona, Spain; (ii) METU Conference V, September 2001, Ankara, Turkey.
- Özertan G. and Çevik, B. “Software piracy and social welfare: an analysis of protection mechanisms and pricing strategies” (i) SERCI Meeting, 2004, Turin, Italy; (ii) Asset Meeting, November 2003, Ankara, Turkey; (iii) METU Conference VII, September 2003, Ankara, Turkey.
- Özertan G. and Love H.A. “Estimation of Effects of Genetically Modified Organisms” METU Conference VI, September 2002, Ankara, Turkey.

#### **PAPERS PRESENTED BY CO-AUTHORS**

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- “Red Meat Price Spikes in Turkey during 2009-2010,” Özertan, G., Saghaian, S., Tekgüç, H. Presented at the 22nd Annual IFAMA Forum & Symposium, June 2012, Shanghai, China.
- “Can ‘Hoarding’ Explain Sudden Increases in Red-Meat Prices in Turkey?” Özertan, G., Saghaian, S., Tekgüç, H. Presented at the Annual Conference of the Food Distribution Research Society (FDRS), October 2011, Portland, USA.
- “Adopting GM Crops? A Social Multi-Criteria Evaluation for the Case of Cotton Farming in Turkey” by Aydın, C.I., Özkaynak, B., Özertan, G. Presented at (i) the International Society for Ecological Economics (ISEE) Conference, August 2010, Oldenburg-Bremen, Germany, (ii) the International Consortium on Agricultural Biotechnology Research (ICABR), 14th International Conference, June 2010, Ravello, Italy.
- “The Impacts of Atlantic Bonito Rush and the Avian Influenza on Meat Products in Turkey” by Saghaian, S., Özertan, G., Spaulding, A. Presented at the Southern Agricultural Economics Association Annual Meeting, February 2008, Dallas, Texas, USA.
- “Impact of a New Price Support Policy on Turkish Hazelnut Industry” by Spaulding, A., Tulum, Ö., Saghaian, S., Özertan, G. Presented at the (i) 7th International Conference on Hazelnuts, June 2008, Viterbo, Italy, (ii) AAEEA, WAEA & CAES Joint Annual Meeting, July 2007, Portland, Oregon, USA.
- “The Dynamic Impact of H5N1 Avian Influenza on the Turkish Poultry Sector” by Saghaian, S., Özertan, G., Spaulding, A. Presented at the International Food and Agribusiness Management Association (IAMA) Annual Meetings, June 2007, Parma, Italy.
- “Property Rights Protection of Biotechnology Innovations” by Love, H. A., Burton, D. M., Özertan, G., and Taylor, C.R. Presented at the 5th INRA-IDEI Conference on Industrial Organization and the Food Processing Industry, June 2002, Toulouse, France.

- “Intellectual Property Rights Protection of Reproducible Biotechnology Innovations” by Love, H. A., Ozertan, G., Taylor, C.R., and Burton, D.M. Presented at the International Consortium on Agricultural Biotechnology Research (ICABR), 5th International Conference, June 2001, Ravello, Italy.

## **OTHER CONTRIBUTIONS**

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- Translated “OpenCourseWare 14.381 Statistical Method in Economics” taught at MIT in Fall 2006 by V. Chernozhukov to Turkish–” İktisatta İstatistiksel Yöntem”. Available at: <http://www.acikders.org.tr/course/view.php?id=104>.
- Local Organising Committee Member: ”9th International Conference of the European Society for Ecological Economics,” June 2011, Istanbul, Turkey.
- Discussant at the “Country Economic Memorandum: Turkey’s Trade Dynamics and Potential.” February, 2013, Istanbul, Turkey. Discussed paper: D. Larson (The World Bank), ”Structural Change and Agriculture in Turkey.”
- Discussant at the Conference “Beyond the DOHA Round,” November, 2008, Istanbul, Turkey. Discussed paper: H. Akder (ODTU), “Will Higher World Food Prices Facilitate Further Policy Reform Away from Price Support in Turkey?”
- Discussant at the MEEA/IAEE session at the ASSA Annual Meeting, January, 2008, New Orleans, USA. Discussed paper: J. M. Dargay (University of Leeds), D. Gately (New York University), and H. G. Huntington, (Stanford University), “Determinants of World Oil Demand, 1971-2006.”

## **RESEARCH GRANTS, AWARDS AND SCHOLARSHIPS**

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- Boğaziçi University Research Fund, Research Grant 16763 (2020), “Impacts of Climate Change on Apricot Production in Turkey,” Project Leader
- UNDP (2017) “Consultancy Services on Scalable and Replicable Model for GAP Organic Agriculture Cluster Development Project,” Project Leader.
- Prosperity Fund (2016), Science and Innovation Theme, “Capacity Development and UK-Turkey Partnership Project In The Agri-Tech Sector,” Project Member.
- Tübitak 1001 Research Grant 215K066 (2015), “Climate Change Projections in Turkish Agriculture: Impacts on Yields and Crop Patterns, Extreme Risk Analysis, and Autonomous Adaptation,” Project Leader.
- Boğaziçi University Research Fund, Research Grant 10700 (2015), “Price Transmission in Agricultural Commodities in Turkey and its Impacts on Food Commodity Spikes,” Project Member.
- Boğaziçi University Research Fund, Research Grant 8423 (2014), “Impacts of Climate Change on Turkish Agriculture and Adaptation: Production Elasticities, Risk Distribution, and Farmer Behavior,” Project Member.
- Tübitak 1001 Research Grant 113K385 (2013), “Impacts of Commodity Prices and Exchange Rates on CPI and Inflation Targeting in Emerging Economies and Turkey,” Project Member.
- Boğaziçi University Research Fund, Research Grant 7439 (2013), “Inflation Forecasting by Using Commodity Futures,” Principal Investigator.
- Boğaziçi University Research Fund, Research Grant 6011 (2011), “Market Power and Competition in Turkish Red Meat Market,” Principal Investigator.
- Boğaziçi University Excellence in Teaching Award 2010-2011.
- Tübitak-Bideb 2219 Postdoctoral Research Scholarship (2009-2010).

- Boğaziçi University Research Fund, Research Grant 09C101P (2009), “Sustainability and Irrigation: A Comparative Study of Turkey,” Principal Investigator.
- Boğaziçi University Research Fund, Research Grant 09N202P (2009), “Piracy and Copying in Digital Good Markets,” Project Member.
- Boğaziçi University Research Fund, Research Grant 07S103 (2007), “Irrigation Policy Analysis to Evaluate the Effects of Farm Level Incentives on Waterlogging and Salinization,” Project Member.
- Boğaziçi University Research Fund, Research Grant 06HC101(2006), “Kuş Gribinin Tüketici Üzerindeki Etkilerinin İktisadi Analizi (An Analysis of Impacts of Avian Influenza on Consumers),” Principal Investigator.
- Boğaziçi University Research Fund, Research Grant 05C102 (2005), “Harran Bölgesi’nde Tuzlanma Sorununun İktisadi Etkileri ve Kullanıcı Gözünden Değerlendirilmesi (The Economic Impacts of Salinity in Harran Region and its Evaluation by Farmers),” Principal Investigator.
- Boğaziçi University Research Fund, Research Grant 02C101 (2002), “Yeniden Üretilen Biyoteknoloji Ürünlerinde Fikri Mülkiyet Haklarının Verimli Şekilde Korunması İçin Geliştirilen Kontrat Mekanizmaları ve Türkiye’deki Patent Uygulamaları (Contract Mechanisms Designed to Efficient Protection of Intellectual Property Rights in Reproducible Biotechnology Products and Patent Applications in Turkey),” Principal Investigator.

## TEACHING EXPERIENCE

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- Graduate courses taught: Econometrics I (Fall 2002, Fall 2003, Fall 2008, Fall 2012), Econometrics II (Spring 2002, Spring 2003, Spring 2012), Econometric Models (Fall 2012), Environmental Economics (Spring 2007, Spring 2011, Spring 2012), Industrial Organization (Fall 2001), Macro and Financial Econometrics (Spring 2004, Spring 2011, Spring 2012, Spring 2013), Microeconomics II (Spring 2007, Spring 2008), Quantitative Methods for Economics and Finance (Fall 2003, Fall 2004, Fall 2006, Fall 2007, Fall 2008)
- Undergraduate courses taught: Agricultural Economics (Spring 2006, Fall 2006, Spring 2009, Spring 2013), Econometrics I (Fall 2002, Fall 2003, Fall 2004, Fall 2005, Fall 2010, Fall 2011), Econometrics II (Spring 2004, Spring 2007, Spring 2008, Spring 2009, Spring 2011, Spring 2013), Microeconomics I (Summer 2004, Fall 2005, Fall 2006), Mathematical Statistics (Spring 2002, Summer 2002, Spring 2003, Summer 2003), Principles of Microeconomics (Fall 2005, Fall 2007, Fall 2008, Fall 2010), Principles of Macroeconomics (Spring 2006)

## PH.D. THESIS SUPERVISED

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- Leyla Güzeloğlu (2019) “Sustainability Assessment Of Selected Dairy Farms Using Social Multi Criteria Approach” (with A. K. Saysel)
- Mehtap Işık (2008) “Three Essays in Industrial Organization” (with Ismail Sağlam and Ünal Zenginobuz). Supervised the second chapter “Digital Goods: Copying, Piracy and Protection Mechanisms.”

## MASTER’S THESIS SUPERVISED

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- Huseyin Akar (2019) “The Welfare Effects of Changes in Global Food Prices on Income Distribution in Turkey”

- Elif Çatmakaş (2019) “The Impact of Climate Change on Turkish Agriculture: An Analysis of Crop Yields and Acreage”
- Ümit Yapıcı (2017) “Asymmetric Price Transmission in the Turkish Dried Nuts Market: “Does it Verify Market Power?”
- Mustafa Safa Öz (2011) “Empirical Analysis of Agricultural Commodity Prices” (with Burak Saltoğlu)
- Cem Iskender Aydın (2010) “Should Turkey Adopt GM Crops? A Multicriteria Evaluation Framework” (with Begum Ozkaynak)
- Elif Akben (2007) “Consumer Reactions to the H5N1 Avian Influenza: The Turkish Case”
- Hakan Karaca (2007) “Managing Irrigation-Induced Salinity: The Case of Harran Plain”
- Z. Burcu Songur (2005) “Growth Performance of Micro and Small Enterprises in Turkey” (with Şemsa Özar)
- Barış Çevik (2003) “Implications of Software Piracy on Social Welfare”

## **REFEREED AND REVIEWED FOR**

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*Agricultural Economics, Boğaziçi Journal, The Economic Journal, Economics Bulletin, Emerging Markets Finance and Trade, International Journal of Industrial Organization, İktisat İşletme ve Finans, Journal of Artificial Societies and Social Simulation, Journal of Environmental Planning and Management, Journal of Public Economic Theory, METU Studies in Development, Physica A, Review of Middle East Economics and Finance, Society and Natural Resources, The Scientific and Technological Research Council of Turkey, The Turkish Academy of Sciences, World Development*

## **ADMINISTRATIVE SERVICES**

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- Director, Center for Economics and Econometrics, Boğaziçi University
- Chair, Boğaziçi University, Dept. of Economics: Jan 18-Jan 20
- Member, Transferring Students’ Committee, Boğaziçi University, Dept. of Economics,
- Member, Executive Committee, Faculty of Economics and Administrative Sciences, Boğaziçi University
- Graduate Advisor, Boğaziçi University, Dept. of Economics, 2010-2011 & 2006-2008.
- Member, Junior Faculty Recruitment Committee, Boğaziçi University, Dept. of Economics, 2006, 2007, 2011, 2013, 2019
- Member, Graduate Program Committee, Boğaziçi University, Dept. of Economics,

*Last updated: March 2020*