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Dept. of Economics
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ACADEMIC POSITIONS

July 2025-Present: Professor of Economics, Özyeğin University
January 2016-June 2025: Professor of Economics, Boğaziçi University
December 2009-January 2016: Associate Professor of Economics, Boğaziçi University
September 2001-December 2009: Assistant Professor of Economics, Boğaziçi University

EDUCATION AND ACADEMIC DEGREES

2009: “Doçent” (Associate Professor), Interuniversity Council, Türkiye
(Micro-Economics, 05.02.2009; Boğaziçi University 28.10.2009)
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

VISITING POSITION

August 2016-August 2017: The Central Bank of Turkey
August 2009-August 2010: Visiting Scholar, Department of Environmental, Earth and Ocean
Sciences, University of Massachusetts-Boston.

RESEARCH FIELDS

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

PUBLICATIONS

- Demirdogen, A., Karapinar, B., Özertan, G. (2024) “Impact of climate change on wheat in Turkey,” *Regional Environmental Change*, 24:20.
- Demirkılıç, S., Özertan, G., Tekgüç, H. (2022) “The evolution of unprocessed food inflation in Turkey: an exploratory study on select products,” *New Perspectives on Turkey*, Vol: 67: 57-82.
- Karapinar, 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., Saghaian, 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.
- Saghaian, 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., Saghaian, 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.
- Saghaian, 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 İrfanoğlu, 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.
- Saghaian, 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 Saghaian, 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

- 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

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

OTHER CONTRIBUTIONS

- 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

- TÜBİTAK Research Grant 121N200 (2021) Tarım ve Gıda Tedarik Zincirinin Yönetişi: Küçük Üreticilerin Rekabetçiliği Nasıl İyileştirilebilir? Principal Investigator
- PRIMA (2021), “Governing the Agri-Food Supply Chain: How to Improve Smallholders’ Competitiveness,” Project Member
- Boğaziçi University Research Fund, Research Grant 16763 (2020), “Impacts of Climate Change on Apricot Production in Turkey,” Principal Investigator
- UNDP (2017) “Consultancy Services on Scalable and Replicable Model for GAP Organic Agriculture Cluster Development Project,” Principal Investigator.
- Prosperity Fund (2016), Science and Innovation Theme, “Capacity Development and UK-Turkey Partnership Project in The Agri-Tech Sector,” Project Member.
- TÜBİTAK 1001 Research Grant 215K066 (2015), “Climate Change Projections in Turkish Agriculture: Impacts on Yields and Crop Patterns, Extreme Risk Analysis, and Autonomous Adaptation,” Principal Investigator.
- Boğaziçi University Research Fund, Research Grant 10700 (2015), “Price Transmission in Agricultural Commodities in Turkey and its Impacts on Food Commodity Spikes,” Principal Investigator.
- Boğaziçi University Research Fund, Research Grant 8423 (2014), “Impacts of Climate Change on Turkish Agriculture and Adaptation: Production Elasticities, Risk Distribution, and Farmer Behavior,” Principal Investigator.
- TÜBİTAK 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.
- TÜBİTAK-BİDEB 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,” Principal Investigator.
- Boğaziçi University Research Fund, Research Grant 07S103 (2007), “Irrigation Policy Analysis to Evaluate the Effects of Farm Level Incentives on Waterlogging and Salinization,” Principal Investigator.
- 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

- Graduate courses taught: Econometrics I, Econometrics II, Econometric Models, Environmental Economics, Industrial Organization, Macro and Financial Econometrics, Microeconomics II, Quantitative Methods for Economics and Finance
- Undergraduate courses taught: Agricultural Economics, Econometrics I, Econometrics II, Microeconomics I, Mathematical Statistics, Principles of Microeconomics, Principles of Macroeconomics

PH.D. THESIS SUPERVISED

- Sani Tiryaki (2022) Evolution of Efficiency in Electricity Markets) (with C. Karahan and A. Çoşkun)
- Leyla Güzelöğlu (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 İsmail Sağlam and Ünal Zenginobuz). Supervised the second chapter “Digital Goods: Copying, Piracy and Protection Mechanisms.”

MASTER’S THESIS SUPERVISED

- Orhan Olgen (2024) “Asymmetric Exchange Rate Pass-through to Food Prices in Turkey: The NARDL Model”
- Cem Tüfekçi (2024) ODTÜ, “A policy design for deployment and diffusion of precision farming in Türkiye” (with B. Özkaynak, B. G. Baykan)
- Çağla Tabak (2021) “Gold Mining in Mount Ida: Development Discourses and Valuation Languages in the Social Media” (with M. T. Pamukçu, A. U. Aydınoglu)
- Safa Yıldırım (2020) “Modelling Farmers’ Marketing Process: The Case of Potato Sector in Çorum Province.”
- Hüseyin 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 B. Özkaynak)
- 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 Ş. Özar)
- Barış Çevik (2003) “Implications of Software Piracy on Social Welfare”

REFEREED AND REVIEWED FOR

Agricultural Economics, Boğaziçi Journal, Central Bank Review, Development and Change, The Economic Journal, Ecological Economics, 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, Land Degradation & Development, METU Studies in Development, New Perspectives on Turkey, 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

EDITORIAL MEMBER FOR

Journal of Agricultural and Applied Economics (2017-2021)

ADMINISTRATIVE SERVICES

- Chair, Boğaziçi University, Dept. of Economics: Jan 2018-Jan 2020; Jan 2023-Present
- Director, Center for Economics and Econometrics, Boğaziçi University: 2020-2023
- 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,

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