

CURRICULUM VITAE

OZAN BAKIS

ADDRESS

Galatasaray University
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EDUCATION

Dec., 2006	Ph.D. Economics, University of Paris 1 Panthéon-Sorbonne.
Nov., 2002	M.A. Economics, University of Paris 1 Panthéon-Sorbonne.
June, 2001	B.A. Economics, Galatasaray University.

FIELDS OF INTEREST

Labor economics; income inequality; education economics; growth and development; firm dynamics; productivity; optimal taxation; forecasting

COMPUTER SKILLS

- Scientific and Mathematical Software: R, Stata, SQL, MATLAB, Octave, Maxima
- Programming Languages: Python, C/C++, Fortran
- Formatting/Markup Languages: Markdown, Latex, HTML
- Operating Systems: MacOS, Linux/Unix, Windows

PROFESSIONAL EXPERIENCE

25.08.2025 - present Prof. of Economics, Galatasaray University.
06.10.2021 - 25.08.2025 Prof. of Economics, Bahcesehir University.
02.03.2016 - 05.10.2021 Assoc. Prof. of Economics, Bahcesehir University.
15.05.2011 - 01.03.2016 Consultant, TUSIAD - Sabanci University Competitiveness Forum.

30.08.2010 - 28.04.2011 Postdoctoral researcher, Université de Montréal, Department of Economics.

29.12.2008 - 15.01.2011 Lecturer, Galatasaray University, Department of Economics.

15.08.2001 - 28.12.2008 Research assistant, Galatasaray University, Department of Economics.

INVITED LECTURES AND TALKS

- Ministry of Development: "Kısa dönemli ekonomik büyüme tahmini - R ile Nowcasting" [In English: Short-term economic growth forecasting - Nowcasting with R], 12-21 April 2017.
- VakıfBank: "R istatistiksel programlama diline giriş" [In English: Introduction to R statistical programming language], 28-29 January 2016.
- Turkish Statistical Institute: "R ile paralel programlama ve büyük veri analizi" [In English: Parallel programming and big data analysis with R], 16-20 January 2016.
- Türkiye İş Bankası: "R istatistiksel programlama dili" [In English: R statistical programming language], 13-15 August 2014.

GRANTS

- 12.2018 - 07.2021 TUBITAK - The Support Program for Scientific and Technological Research Projects (1001): "Türkiye’de asgari ücretlerin işgücü piyasasına etkileri, 2005-2018" [In English: The effects of minimum wages on the labor market in Turkey, 2005-2018] (with İ. Tunalı, S. Polat and B.İ. Yanık)
- 09.2019 - 02.2021 PMI IMPACT: "Analysis of the Illegal Trade of Alcoholic Beverages, Cigarettes and Tobacco, Fuel and Mobile Phones in Turkey" (with S. Gürsel and G.U. Kolaşın)
- 09.2013 - 03.2015 TUBITAK - The Support Program for Scientific and Technological Research Projects (1001): "Türkiye’de firma verimliliği: evrimi, dağılımı ve faktör dağılımındaki etkinsizliklerin rolü" [In English: Firm productivity in Turkey: its evolution, distribution and role in misallocation of factors] (with I. Atiyas)
- 04.2013 - 12.2013 Ministry of Education & ERG & UNICEF: "Temel Belirleyicileri Açısından İlköğretimde Okula Devam ve Devamsızlık" [In English: Key Determinants of School Attendance and Absenteeism in Primary Education] (with B. Börkan, H. Levent, O. Dereli and S. Pelek)
- 09.2010 - 02.2011 TUBITAK - Postdoctoral Research Grant (2219).
- 09.2005 - 06.2006 Agence Universitaire de la Francophonie (AUF) - Training Through Research Fellowship.
- 10.2001 - 09.2002 EGIDE - Eiffel Graduate Scholarship.
- 10.2001 - 01.2002 Robert Schuman Foundation - Undergraduate Scholarship.

FUNDED RESEARCH PROJECTS

- 02.2024 - 11.2024 GYODER: "İnşaat Sektörü ve İşgücü Dinamikleri: Türkiye'24" [In English: Construction Sector and Labor Dynamics: Türkiye '24] (with S. Gürsel)
- 09.2023 - 10.2023 ZAY Strategy: "Türkiye'de Fındık Sektörünün Sorunları ve Geleceği" [In English: Challenges and Future Prospects of the Hazelnut Sector in Türkiye] (with S. Gürsel)
- 12.2021 - 05.2022 TURKCELL: Türkiye'de Bilgi İletişim Harcamaları ve Dijitalleşme [In English: Information and Communications Technology Expenditure and Digitalization in Türkiye] (with E. Köksal)
- 09.2020 - 03.2021 World Energy Council - Turkey & Istanbul Center for Regulation: "Decarbonizing Turkey's Energy Provision 2050" (with D. E. Dalgıç-Tetikol, P. Deniz, M. Finger, İ. Gümüş, and E. Köksal)

RESEARCH

Peer-reviewed Journal Articles

- Bakis, O. (2026). The effects of capital and labor reallocation on total factor productivity in Türkiye, 2000–2024, *Central Bank Review*, 1–25. [ESCI,Scopus] DOI: 10.1016/j.cbrev.2026.100243
- Bakis, O., and Filiztekin, A. (2025). Intergenerational education mobility of minorities in Turkey, *Turkish Studies*, 1-25. [SSCI] DOI: 10.1080/14683849.2025.2451452
- Bakis, O., and Polat, S. (2023). Wage inequality dynamics in Turkey, *Empirica*, 50, 657–694, 2023. [SSCI] DOI: 10.1007/s10663-023-09579-8
- Altındag, O., Bakis, O., and Roza, S. (2020). Blessing or burden? The impact of refugees on businesses and the informal economy, *Journal of Development Economics*, 146 (102490). [SSCI] DOI: 10.1016/j.jdevco.2020.102490
- Bakis, O., Inci, E., and Senturk, R. O. (2019). Unbundling curbside parking costs from housing prices, *Journal of Economic Geography*, 19(1), 89-119. [SSCI] DOI: 10.1093/jeg/lby003
- Bakis, O., and Borkan, B. (2016). Determinants of academic achievement of middle schoolers in Turkey, *Educational Sciences: Theory & Practice*, 16(6), 2193-2217. [SSCI] DOI: 10.12738/estp.2016.6.0227
- Atiyas, I., and Bakis, O.(2015). Structural change and industrial policy in Turkey, *Emerging Markets Finance and Trade*, 51(6), 1209–1229. [SSCI] DOI: 10.1080/1540496X.2015.1080523
- Bakis, O. (2015). Recent trends in the Turkish labor market, *İktisat İşletme ve Finans*, 30(351), 73-110. [EconLit] DOI: 10.3848/iif.2015.351.4493
- Bakis, O., Kaymak, B., and Poschke, M. (2015). Transitional dynamics and the optimal progressivity of income redistribution, *Review of Economic Dynamics*, 18(3), 679-693. [SSCI] DOI: 10.1016/j.red.2014.08.004
- Bakis, O., and Polat, S. (2015). Wage inequality in Turkey: 2002-10, *Economics of Transition*, 23(1), 169-212. [SSCI] DOI: 10.1111/ecot.12058

- Atiyas, I. and Bakis, O. (2014). Aggregate and sectoral TFP growth in Turkey: a growth accounting exercise, *İktisat İşletme ve Finans*, 29(341), 9-36. [SSCI] DOI: 10.3848/iif.2014.341.4019
- Bakis, O., Davutyan, N., Levent, H., and Polat, S. (2013). Quantile estimates for social returns to education in Turkey: 2006-2009, *Middle East Development Journal*, 5(3), 1350017-1-1350017-23. [EconLit] DOI: 10.1142/S179381201350017X
- Bakis, O., Davutyan, N., Levent, H., and Polat, S. (2011). Sectoral human capital spillovers: evidence from Turkey, *İktisat İşletme ve Finans*, 26(298), 9-20, 2011.[SSCI] DOI: 10.3848/iif.2011.298.2827

Peer-reviewed Journal Articles (in Turkish)

- Bakis, O., and Gürsel, S. (2024). İstanbul işgücü piyasasında rezervasyon ücretleri [In English: Reservation wages in Istanbul labour market], *Ekonomi-tek*, 13(2), 140-159. [TRDizin]
- Bakis, O., and Acar, U. (2021). Türkiye ekonomisinde toplam faktör verimliliği: 1980-2019 [In English: Total factor productivity in Turkish economy], *Journal of Research in Economics*, 5(1), 1-27. [EconLit]
- Bakis, O. (2018). Zincirlenmiş hacim serileri ile GSYH’de ne değişti? [In English: What changed with GDP in chained volume measures?], *Ekonomi-tek*, 7(2) 1-36.
- Bakis, O. (2018). Yeni GSYH serilerinin getirdiği farklılıklar ve sorunlar [In English: The Differences and the problems of the new GDP series], *Journal of Research in Economics*, 2(1), 15-42. [EconLit]
- Bakis, O., Polat, S., and Ulus, M. (2018). Türkiye’de çalışılan saatlerin dağılımı ve değişimi [In English: Distribution of hours worked in Turkey and its evolution], *Efil Ekonomi Araştırmaları Dergisi*, 1(4) 108-127.
- Bakis, O. (2017). Kuşaklar arası eğitim hareketliliği: AB-Türkiye karşılaştırması [In English: Intergenerational educational mobility: An EU-Turkey comparison], *Finans Politik & Ekonomik Yorumlar*, 54(634), 97-105. [EconLit]
- Bakis, O. (2015). Türkiye’de eğitimin bireysel getirisi: 1988-2008 [In English: Private returns to education in Turkey: 1988-2008], *Finans Politik & Ekonomik Yorumlar*, 52(601), 69-75. [EconLit]

Other Publications

- Bakis, O., Dalgic, D. E., Deniz, P., Finger, M., Gumus, I., and Köksal, E. (2022). Assessment of a carbon tax as a tool to decarbonize Turkey’s energy supply 2050. IC4R | İstanbul Center for Regulation, Report Series No.1, 2022.
- Bakis, O., and Atiyas, I. (2020). Productivity, reallocation, and structural change: An assessment, chapter in *Turkish Economy at the Crossroads: Facing the Challenges Ahead*, ed. by Akat, A.S, S. Gürsel, World Scientific Publishing: Singapore, 91-122.

- Bakis, O., Atiyas, I., and Gürakar, E. (2019). Anatolian tigers and the emergence of the devout bourgeoisie in the Turkish manufacturing industry, chapter in *Crony Capitalism in the Middle East: Business and Politics from Liberalization to the Arab Spring*, ed. by Diwan, I., A. Malik, A. and I. Atiyas, Oxford University Press: Oxford, 90-118, 2019.
- Bakis, O., Karanfil, F., and Polat, S. (2016). Depositor myopia and banking sector behaviour, chapter in *Financial Development, Economic Crises and Emerging Market Economies* ed. by Ulgen, F., Routledge: London, 156-169.
- Bakis, O., Karanfil, F., and Polat, S. (2012). Interactions between economic growth, innovation, financial development and sustainability in emerging countries, chapter in *Developing Economies: Innovation, Investment and Sustainability* ed. by Carcillo, J.M., Nova Science Publishers: New York, 223-234, 2012.
- Bakis, O., Polat, S., Davutyan, N., and Levent, H. (2010). Social returns to education in Turkey: A quantile regression approach, chapter in *Secondary Education in the 21st Century* ed. by Beckett, D.S., Nova Science Publishers: New York, 101-119, 2010.

Other Publications (in Turkish)

- Bakis, O. (2024). 500 Büyük Sanayi Kuruluşu'nun Son 10 Yıllık Eğilimleri [In English: 500 Large Industrial Enterprises' Trends in the Last 10 Years], *İSO Sanayi Dergisi*, *İSO 500 Özel sayısı*.
- Bakis, O., and Acar, U. (forthcoming). 1980 sonrası Türkiye ekonomisinde yapısal dönüşüm [In English: Structural transformation in the post-1980 Turkish economy], chapter in *Prof. Dr. Seyfettin Gürsel'e Öğrencilerinden Armağan: Türkiye Ekonomisinin Güncel Sorunları*, forthcoming.
- Bakis, O., and Köksal, E. (forthcoming). Türkiye'de dijital eşitsizlik 2007-2021 arasında nasıl şekillendi? [In English: How did digital inequality evolve in Turkey between 2007-2021?], chapter in *Prof. Dr. Seyfettin Gürsel'e Öğrencilerinden Armağan: Türkiye Ekonomisinin Güncel Sorunları*, forthcoming.
- Bakis, O., and Atiyas, I. (2023). 1980 sonrası Türkiye ekonomisinde verimlilik, kaynak tahsisi ve yapısal değişim [In English: Productivity, resource allocation and structural change in the Post-1980 Turkish economy], chapter in *Çıkmaz Yol: Düünden Yarına Türkiye Ekonomisi*, ed. by Akat, A.S, and S. Gürsel, İstanbul Bilgi Üniversitesi Yayınları: İstanbul, 71-98, 2023.
- Bakis, O., and Köksal, E. (2022). Türkiye'de bilgi iletişim harcamaları ve dijitalleşme [In English: Information and communications technology expenditure and digitalization in Turkey], Betam Araştırma Raporu, 2022.
- Bakis, O., and Acar, U. (2019). Tanzim satış enflasyonu düşürdü [In English: Direct sale points reduced the inflation rate], *İktisat ve Toplum Dergisi*, 102, 31-37, 2019.
- İzmir Büyükşehir Belediyesinin İzmir ekonomisine ve istihdamına etkisi [In English: The contributions of İzmir Metropolitan Municipality on İzmir's economy and employment] (with S. Gürsel), 2018
- Bakis, O., and Atiyas, I. (2018). Sıçrama yapan şirketler [In English: Leaping companies], TÜSİAD Publication, No. TUSIAD-T/2018, 04-593, 2018.

- Tütün tarımı ve kalkınma projesi : Ekonomik Etki Analizi [In English: Tobacco agriculture and development project: economic impact analysis] (with S. Gürsel), 2016
- Bakis, O., and Atiyas, I. (2014). İmalat sanayi sektörleri rekabet göstergeleri raporu [In English: Report on manufacturing industries competitiveness indices], TÜSİAD Publication, No. TUSIAD-T/2014-05/551, 2014.
- Bakis, O., and Atiyas, I. (2011). Türkiye’de büyümenin kısıtları: bir önceliklendirme çalışması [In English: Constraints to growth in Turkey: a study of prioritization], TÜSİAD Publication, No. TUSIAD-T/2011/11/519, 2011.

Working Papers

- Bakış, O., Dalgıç-Tetikol, D.E., Deniz, P., Finger, M., Gümüş, İ., and Köksal, E. (2022) Assessment of a Carbon Tax as a Tool to Decarbonize Turkey’s Energy Supply 2050, Technical Report.
- Bakis, O., and Acar, U. (2020). Türkiye ekonomisinde toplam faktör verimliliğinin seyri: sektörel bakış, 1980-2018. Betam Working Paper Series No. 19.
- Atiyas, I., Bakis, O., and Orhan, Y. K. (2017). Firm dynamics and job creation in Turkey - some preliminary results. TUSIAD-Sabancı University Competitiveness Forum Working Paper No. 2017-1.
- Atiyas, I., and Bakis, O. (2015). Identifying the links between innovation and FDI flows in Turkey. TUSIAD-Sabancı University Competitiveness Forum Working Paper No. 2015-1.
- Bakis, O. Hisarcıklılar, M. and Filiztekin, A. (2015). The Impact of a minimum wage increase on employment and school enrollment: evidence from Turkey. Koc University EAF Conference Paper.

Work in Progress

- Atiyas, I., Bakis, O., and Erdemli, R. K. In Search of the Holy Grail: Impact of Foreign Direct Investment on Target Firms in Turkey.
- Bakis, O. A numerical solution to the second-best optimal taxation.

PROFESSIONAL ACTIVITIES

Refereeing

- Journal of Public Economics
- Economics of Transition
- Empirical Economics
- Applied Economics
- İktisat İşletme ve Finans

- Central Bank Review
- TCMB Çalışma Tebliği Serisi

Conference and Workshop Organizations

- Annual Istanbul Meeting on Human Capital Organization Committee, 2018-present.

Conference and Workshop Presentations

- 2024-2025: Central Bank of the Republic of Türkiye
- 2022-2023: Galatasaray University - Friday Seminar; Bogazici University - Economics Department Seminar; 6th Annual Istanbul Meeting on Human Capital (BAU & LSU & GIAM); 30th Turkish Economic Association (TEK) Conference
- 2020-2021: ERF 27th Annual Conference - Webinar Sessions; Bahcesehir University - FEASS Research Seminar; Gebze Technical University University - Economics Department Seminar
- 2019-2020: Sabanci University - Economics Seminar
- 2018-2019: Istanbul Technical University Department of Economics - Department Seminar; 4th Annual Istanbul Meeting on Human Capital (BAU & LSU & GIAM)
- 2016-2017: Özyeğin University-World Bank Workshop on “Poverty, Inequality and Intergenerational Mobility”
- 2015-2016: 1st Annual Istanbul Meeting on Human Capital (Koc Uni & LSU),
- 2013-2014: 34th Annual Meeting of the MEEA; GDRI DREEM Conference on “Evaluation of Economic Policies and Institutional Changes in Mediterranean Countries”; 12th International Conference of the MEEA
- 2009-2010: 9th International Conference of the MEEA; GDRI DREEM Conference on “Inequalities and development in the Mediterranean countries”
- 2006-2007: 16th International Input-output Conference
- 2005-2006: 8th International Meeting of the Society for Social Choice and Welfare
- 2004-2005: Workshop of FEMISE Research Group FEM21-39 (FEMISE III), 23-26 June 2005, Rabat, Morocco.
- 2003-2004: METU Conference in Economics

TEACHING

Graduate

- Optimization Techniques, Galatasaray University, 2026.
- Econometrics II, Galatasaray University, 2026.
- Econometrics I, Bahcesehir University, 2023.
- Macroeconomic Theory, Bahcesehir University, 2017-2018.
- Macroeconomics I, Galatasaray University, 2011-2014.
- Macroeconomics II, Galatasaray University, 2010-2014.

Undergraduate

- Data Science with R, Bahcesehir University, 2022-2025.
- Machine Learning with R, Bahcesehir University, 2023-2025.
- Econometrics I, Bahcesehir University, 2017-2021.
- Econometrics II, University of Montreal, 2011; Bahcesehir University, 2017-2021.
- Public Finance, Sabanci University, 2016; Bahcesehir University, 2017-2018.
- Macroeconomics, Galatasaray University, 2009, 2010.
- Programming in Economics, Galatasaray University, 2009, 2010.
- Microeconomics, Galatasaray University, 2009.