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PERSONAL INFORMATION:

Born in Istanbul on January 25, 1980. Citizenship: French, Turkish

FIELDS:

Primary: Energy economics and policy

Secondary: Environmental economics; Applied econometrics

EMPLOYMENT:

December 2017- : Research Fellow, Energy and Macroeconomics,
KAPSARC

September 2011-Dec. 2017: Associate Professor of Economics, Department of Economics,
Paris Nanterre University

January 2005-September 2011: Research and Teaching Assistant, Department of Economics,
Galatasaray University

OTHER POSITIONS:

2011- : Researcher, EconomiX-CNRS

2019- : Research Fellow, Economic Research Forum (ERF)

2010-2011: Researcher, Galatasaray University Economic Research Center (GIAM)

EDUCATION:

Ph.D. in Economics, Panthéon-Sorbonne University, December 2008

Advisor: Katheline Schubert

M.A. in Economics, Panthéon-Sorbonne University and Ecole Centrale Paris, September 2005

B.A. in Economics, Galatasaray University, June 2004

OTHER DEGREES AND QUALIFICATIONS:

Qualification for Full Professorship, French National Council of Universities (CNU), March 2016

Habilitation to supervise research (HDR) in Economics, Paris Nanterre University, September 2015

Mentor: Valérie Mignon

AWARDS, RECOGNITIONS, AND SCHOLARSHIPS:

- 2020, 2021: Complementary IAEE Membership for select Energy Journal Referees, IAEE
- 2014-2017: Premium for doctoral supervision and research (PEDR), Minister of Higher Education, Research and Innovation of France
- 2007-2008: Ph.D. Scholarship, Council of Higher Education of the Republic of Turkey
- 2005-2007: Ph.D. Scholarship, Consortium of French Universities and Galatasaray University
- 2004-2005: M.A. Scholarship of the French Government
- 1998-2004: B.A. Scholarship of the Turkish Government
- 2004: Robert Schuman Foundation Grant
- 1999: Galatasaray University Scholarship

PUBLICATIONS:

JOURNAL ARTICLES:

- [1] “Cooperate or Compete? Insights from Simulating a Global Oil Market with No Residual Supplier” (with B. Rioux, A. Al Jarboua, A. Pierru, S. Al Rashed, C. Ward), *The Energy Journal*, *Forthcoming*. Vol 43, No. 2, 2022, pp. 239-261.
- [2] “The opportunity cost of domestic oil consumption for an oil exporter: Illustration for Saudi Arabia” (with A. Pierru), *Energy Economics*, Vol 96, Article 105161, 2021.
- [3] “The role of oil in the allocation of foreign aid: The case of the G7 donors” (with C. Couharde, E.G. Kilama, and L.D. Omgba), *Journal of Comparative Economics*, Vol 48, No. 2, 2020, pp. 363-383.
- [4] “Degree of stringency matters: Revisiting the pollution haven hypothesis based on heterogeneous panels and aggregate data” (with T. Jobert and A. Tykhonenko), *Macroeconomic Dynamics*, Vol 23, No. 7, 2019, pp. 2675-2697.
- [5] “Do the IMF's structural adjustment programs help reduce energy consumption and carbon intensity? Evidence from developing countries” (with L.D. Omgba), *Structural Change and Economic Dynamics*, Vol 49, 2019, pp. 312-323.
- [6] “Reconsidering the scarcity factor in the dynamics of oil markets: An empirical investigation of the (mis)measurement of oil reserves” (with L.D. Omgba), *Energy*, Vol 137, 2017, pp. 209-218. 2017.
- [7] “An empirical analysis of European football rivalries based on on-field performances” *Sport Management Review*, Vol 20, No. 5, 2017, pp. 468-482.
- [8] “The Role of Continuous Intraday Electricity Markets: The Integration of Large-Share Wind Power Generation in Denmark” (with Y. Li), *The Energy Journal*, Vol 38, No. 2, 2017, pp.107-130.
- [9] “Electricity consumption and economic growth: exploring panel-specific differences” (with Y. Li), *Energy Policy*, Vol 82, No. 1, 2015, pp. 264-277.

- [10] “Estimating country-specific environmental Kuznets curves from panel data: a Bayesian shrinkage approach” (with T. Jobert and A. Tykhonenko), *Applied Economics*, Vol 46, No. 13, 2014, pp. 1449-1464.
- [11] “A time series-based approach for renewable energy modeling” (with F.O. Hocaoglu), *Renewable and Sustainable Energy Reviews*, Vol 28, 2013, pp. 204-214.
- [12] “Indirect Taxes, Social Expenditures and Poverty: What Linkage?” (with A. Ozkaya), *Ege Academic Review*, Vol 13, 2013, pp. 337-350.
- [13] “On the structure and form of the GDP-nuclear nexus: New perspectives and new findings” (with T. Jobert and A. Tykhonenko), *Energy Policy*, Vol 62, 2013. pp. 1553-1561.
- [14] “Formation and Deformation of the Environmental Kuznets Curve for CO₂ Emissions” (with T. Jobert), *Innovations*, Vol 37, No. 1, 2012, pp. 11-26.
- [15] “Environmental regulation in the presence of unrecorded economy” *International Economics*, Vol 126, No. 2-3, 2011, pp. 59-76.
- [16] “Examining the link between carbon dioxide emissions and the share of industry in GDP: modeling and testing for the G-7 countries” (with F.O. Hocaoglu), *Energy Policy*, Vol 39, No. 6, 2011, pp. 3612-3620.
- [17] “Is technological change biased toward energy? A multi-sectoral analysis for the French economy” (with Y.Y. Tamsamani), *Energy Policy*, Vol 38, No. 4, 2010, pp. 1842-1850.
- [18] “Convergence of per capita carbon dioxide emissions in the EU: Legend or reality?” (with T. Jobert and A. Tykhonenko), *Energy Economics*, Vol 32, No. 6, 2010, pp. 1364-1373.
- [19] “How many times again will we examine the energy-income nexus using a limited range of traditional econometric tools?” *Energy Policy*, Vol 37, No. 4, 2009. pp. 1191-1194.
- [20] “Energy-Growth-Environment: What is Turkey's place in the triangle?” *Uluslararası İlişkiler / International Relations*, Vol 5, No. 20, 2009, pp. 1-19.
- [21] “Energy consumption and economic growth revisited: Does the size of unrecorded economy matter?” *Energy Policy*, Vol 36, No. 8, 2008, pp. 3019-3025.
- [22] “Sectoral energy consumption by source and economic growth in Turkey” (with T. Jobert), *Energy Policy*, Vol 35, No. 11, 2007, pp. 5447-5456.
- [23] “Estimation of real GDP and unrecorded economy in Turkey based on environmental data” (with A. Ozkaya), *Energy Policy*, Vol 35, No. 10, 2007, pp. 4902-4908.

BOOK CHAPTERS:

- [24] “Depositor myopia and banking sector behavior” (with O. Bakis and S. Polat), pp. 156-169, in *Financial Development, Economic Crises and Emerging Market Economies*, edited by F. Ulgen, Routledge, London and New York, 2017.
- [25] “Formation and deformation of the environmental Kuznets curve for CO₂ emissions” (with T. Jobert), pp. 243-258, in *Crisis, Innovation and Sustainable Development*, edited by B. Laperche, N. Levratto and D. Uzunidis, Edward Elgar Publishing, UK, 2012.
- [26] “The Impact of Device in Social Networking: An Explorative Study with Turkish Social Network Site Users on the Nature of Interactions through Personal Computers and Smartphones”

(with O. Ozturk, K. Rizvanoglu, S. Polat and O. Bakis), pp. 473-482, in *Human-Computer Interaction*, edited by P.-L.P. Rau, Springer, Berlin, 2011.

- [27] “Interactions between Economic Growth, Innovation, Financial Development and Sustainability in Emerging Countries” (with O. Bakis and S. Polat), pp. 223-234, in *Developing Economies: Innovation, Investment and Sustainability*, edited by J.M. Carcillo, Nova Publishers, New York, 2011.
- [28] “Sağlık ve Eğitim Harcamalarının Illere Göre Karşılaştırmalı İncelemesi” (Title in English: Comparative analysis of public expenditures in education and health at the provincial level), (with S. Polat), pp. 56-80 in: *Kamu Harcamalarının Bileşiminin Büyüme ve Refah Etkileri*, edited by S. Gursel, BETAM, Istanbul, 2008.

POLICY BRIEFS, COMMENTARIES:

- [29] “Fiscal Policy for Stability in Oil-Exporting Countries: From the Old Problems to the Challenges of COVID-19” (with O. Durand-Lasserve), *KAPSARC Commentary*, KS-2021-CO06, April 2021.
- [30] “Impact of the COVID-19 Pandemic on Migrant Workers in the Informal Sector and Spin-off Effects in Their Destination and Home Countries” (with M. Ahmed, D. Coulibaly, H. Kinani, A. Moreno, L.D. Omgba, N. Vu), *T20 Saudi Arabia Task Force 11 Policy Brief*, October 2020.
- [31] “Simulating a Global Oil Market with No Residual Supplier” (with B. Rioux, A. Al Jarboua, A. Pierru, S. Al Rashed, and C. Ward), *KAPSARC Commentary*, KS-2020-CO21, July 2020.
- [32] “Les stratégies de lutte contre le réchauffement climatique s'affinent : vers un nouveau cap après la COP21 ?” (Title in English: Strategies to fight global warming are becoming more refined: towards a new cap after COP21?), *Lettre d'EconomiX*, No. 7, December 2015.

DISCUSSION/WORKING PAPERS:

- [33] “Cooperate or Compete? Insights from Simulating a Global Oil Market with No Residual Supplier” (with B. Rioux, A. Al Jarboua, A. Pierru, S. Al Rashed, C. Ward), *KAPSARC Discussion Papers*, KS-2020-DP13, 2020.
- [34] “The Opportunity Cost of Domestic Oil Consumption for an Oil Exporter: Illustration for Saudi Arabia” (with A. Pierru), *KAPSARC Discussion Papers*, KS-2020-DP05, 2020.
- [35] “The Importance of Oil in the Allocation of Foreign Aid: The case of the G7 donors” (with C. Couharde, E.G. Kilama and L.D. Omgba), *EconomiX Working Papers*, 2017-40, 2017.
- [36] “Wind up with continuous intraday electricity markets? The interaction of large-share wind power generation in Denmark” (with Y. Li), *Chaire European Electricity Markets Working Papers*, 2015-17, 2015.
- [37] “Trade and Environment: Further Empirical Evidence from Heterogeneous Panels Using Aggregate Data” (with T. Jobert and A. Tykhonenko), *GREDEG Working Papers*, 2015-31, 2015.
- [38] “Electricity consumption and economic growth: exploring panel-specific differences” (with Y. Li), *IPAG Business School Working Papers*, 2014-337, 2014.

- [39] “Interactions between bank behavior and financial structure: evidence from a developing country” (with O. Bakis and S. Polat), *GIAM Working Papers*, 12-1, 2012.
- [40] “Environmental regulation in the presence of unrecorded economy” *GIAM Working Papers*, 10-2, 2010.
- [41] “Is technological change biased toward energy? A multi-sectoral analysis for the French economy” (with Y.Y. Tamsamani), *Documents de Travail de l’OFCE*, 2009-12, 2009.

EXPERTISE AND ADVISORY WORK:

- 2020- : Advisor to the Ministry of Energy (Saudi Arabia)
- 2020: G20 Saudi Arabia, T20 Task Force Advisor “Multidisciplinary Approaches to Complex Problems”
- 2020: G20 Saudi Arabia, Reviewer for Policy Briefs for T20 Task Forces
- 2020: Member of the press release writing team:
 “T20 Saudi Arabia Communiqué”, September.
 “T20 Reaction to the G20 Virtual Summit”, April.
 “T20 Statement to the Extraordinary Virtual G20 Leaders’ Summit”, March.
- 2017-2018: External reviewer for the Czech Science Foundation
- 2013-2015: Advisory Committee, Renewable Energy Systems Winter Schools, Afyon

RESEARCH CONTRACTS, PROJECTS:

- 2020- : Revisiting breakeven oil prices, KAPSARC
- 2019- : Oil market with no residual supplier, KAPSARC
- 2018- : Opportunity cost of oil for Saudi Arabia, KAPSARC
- 2018- : Disaggregating the impacts of compound decisions, KAPSARC
- 2015-2019: Economic vulnerabilities of developing countries to oil prices, carbon policy and climate change, French Energy Council
- 2014-2017: WASTEFORCASTER: optimization of the economic and environmental performance of local waste management, Ile-de-France region and Seine-et-Marne department
- 2013-2015: Current-account disequilibria and exchange rates: systemic effects of energy prices, French Energy Council
- 2014-2015: Risk, Vulnerability and Economic Policies: Dutch disease and dependence on raw materials, PRES, University of Paris Lumières
- 2013: Energy [R]evolution for Turkey, Greenpeace and European Renewable Energy Council

CONFERENCES, RESEARCH VISITS, INVITED SEMINARS:

- 2021: Library lounge seminar, KAPSARC, February
- 2020: ERF 26th Annual Conference, online webinar on energy economics, September
- 2018: The 36th USAEE/IAEE North American Conference, Washington, D.C., September
The 8th Saudi Arabian Section of the Combustion Institute Annual Meeting, Riyadh, May
Research stay at the Baker Institute for Public Policy at Rice University, Houston, April
- 2017: The 9th Conference of the US Society for Ecological Economics, Minnesota, June
The 5th International Symposium on Energy and Finance Issues, IPAG, Paris, May
- 2016: Economics seminar of ART-Dev, University of Montpellier, Montpellier, September
The 39th International Association for Energy Economics (IAEE) Conference, Bergen, June
The 4th International Symposium on Energy and Finance Issues, IPAG, Paris, March
Economics seminar of LEMNA, University of Nantes, Nantes, March
- 2015: 2nd FAERE Annual Conference, Toulouse, September
International Conference on Energy prices (discussant), Nanterre, June
Workshop on renewables and electricity market (discussant), University Paris-Dauphine, June
- 2014: Dutch disease and dependence on fossil fuels, Nanterre, December
Applied Economics Day, Guadeloupe, April
- 2013: The 25th European Association for Evolutionary Political Economy Conference, Paris, November
Friday Lunch Meeting, Climate Economics Chair, Paris, April
The 2nd Renewable Energy Systems Winter School, Afyon, January
- 2012: EconomiX Lunch Seminar, Paris Nanterre University, Nanterre, June
- 2011: II World Finance Conference, Rhodes, June
SETA Conference, University of Nice Sophia Antipolis, Nice, March
- 2010: Middle East Economic Association, Istanbul Technical University, Istanbul, June
- 2009: Eight European days of Galatasaray, Galatasaray University, Istanbul, October
Economics seminar of CEMAFI, University of Nice Sophia Antipolis, Nice, March
- 2008: Environmental Meeting, University of Corse, Corte, September
The 3rd Conference on Energy Economics and Technology, Dresden, April
- 2007: International Conference on Energy and Environmental Modeling, Moscow, September
EcoMod2007 International Conference on Policy Modeling, Sao Paulo, July
The 8th Public Economic Theory Conference, Nashville, July
- 2006: Advanced Workshop on Energy for Future, Istanbul Technical University, Istanbul, December
- 2005: Economics Department Seminar, Galatasaray University, Istanbul, October

OTHER INVOLVEMENT IN CONFERENCES:

- 2014- : Scientific Committee, International Symposium on Energy and Finance Issues, Paris
- 2019: Co-organizer, KAPSARC-Baker Institute 2nd Joint Workshop, Riyadh, July
- 2018: Co-organizer, KAPSARC-Baker Institute Joint Workshop, Riyadh, July
- 2013-2016: Organizing Committee, Paris Environmental and Energy Economics Seminar, Paris
- 2016: Scientific Committee, The 8th International Ege Energy Symposium, Afyon, May
- 2015: Scientific Committee, International Conference on Energy prices, Nanterre, June
- 2014: Scientific Committee, 2nd Workshop of the FAERE, Nanterre, November
- 2014: Co-chair, 2nd International Symposium on Energy and Finance Issues, Paris, March
- 2006: Local Program Committee, EAEPE Conference, Istanbul, November

COURSES TAUGHT:

- [1] Environmental economics (graduate), Paris Nanterre University, Fall of 2011, 2012, 2013, 2014, 2015, 2016, 2017.
- [2] Energy economics (graduate), Paris Nanterre University, Spring of 2014, 2015, 2016, 2017.
- [3] Energy commodities market (graduate), Paris Nanterre University, Fall of 2014, 2015, 2016, 2017.
- [4] Financial analysis of projects (graduate), Paris Nanterre University, Spring of 2011, 2012, 2013, 2014.
- [5] Energy demand and efficiency (graduate), Paris Nanterre University, Fall of 2011, 2012, 2013, 2014.
- [6] Applied econometrics using SAS (graduate), Paris Nanterre University, Spring of 2012, 2013, 2014.
- [7] Statistics (undergraduate), Paris Nanterre University, Fall of 2011, 2012, 2013, 2014, 2015, 2016, 2017.
- [8] Econometrics (undergraduate), Paris Nanterre University, Spring of 2012, 2013, 2014, 2015, 2016, 2017.
- [9] Empirical methods in energy and environmental economics (graduate), Paris Nanterre University, Spring of 2013, 2014, 2015, 2016, 2017.
- [10] Statistics (undergraduate), Galatasaray University, Spring of 2005, 2006, 2007, 2008, 2009, 2010.
- [11] Macroeconomics (undergraduate), Galatasaray University, Spring of 2010.

SUPERVISION:

- 2016: Ph.D. co-supervisor for Stephan Silvestre, Paris Nanterre University (now at Paris School of Business)
- 2012-2017: M.A. dissertation advisor for 11 graduate students in M.A. in Environmental and Energy Economics, Paris Nanterre University
- 2014: Research internship co-advisor, Climate Economics Chair

ADMINISTRATIVE RESPONSIBILITIES:

- 2015-2017: Member of Economics Department Advisory Board, Paris Nanterre University
- 2011-2017: Mobility and Erasmus coordinator, Dpt. of Economics, Paris Nanterre University
- 2013-2014: Co-director of M.A. in Environmental and Energy Economics, Paris Nanterre University
- 2013;2015: Selection committee for associate professor recruitment, Paris Nanterre University
- 2011-2012: Member of equivalence committee, Paris Nanterre University

OTHER ACADEMIC ACTIVITIES:

Member: International Association for Energy Economics (IAEE)

Referee: Applied Economics; Applied Energy; Atlantic Economic Journal; Australian Economic Papers; Climate Policy; Comparative Economic Studies; Economic Modelling; Economics Bulletin; Economics of Energy & Environmental Policy; Emerging Markets Finance and Trade; Energy; Energy Economics; Energy Efficiency; Energy Journal; Energy Policy; Energy Sources, Part B: Economics, Planning, and Policy; Environment, Development and Sustainability; Environmental and Resource Economics; European Journal of Comparative Economics; Frontiers in Energy; Financial Innovation; International Economics; International Journal of Energy Sector Management; International Journal of Engineering, Science and Technology; International Review of Applied Economics; International Review of Financial Analysis; International Trade Journal; Journal of Cleaner Production; Journal of Economic Surveys; Journal of Environmental Management; Journal of Public Economic Theory; Renewable and Sustainable Energy Reviews; Research in Business and Management; Resource and Energy Economics; Revue d'Economie Industrielle; Revue d'Economie Politique; Revue Economique; Utilities Policy; Vie & Sciences de l'Entreprise

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