

Dr. Nurcan Kilinc-Ata

CURRENT EMPLOYMENT AND AFFILIATIONS

- **Research Fellow**, July 2024 – present, Economic Research Forum (ERF), Cairo, Egypt
- **Senior Research Fellow**, 01 September 2022 – present, Institute for Statistical Studies and Economics of Knowledge / Laboratory for Science and Technology Studies, National Research University "*Higher School of Economics*" Moscow, Russian Federation.

PAST EMPLOYMENT AND AFFILIATIONS

- **Assistant Professor**, August 2022 - August 2024, Economics and Management College, *Al Qasimia University*, Sharjah, UAE.
- **Postdoctoral Research Fellow**, 2021 - 2022, Institute of Economics and Utility Regulation, National Research University "*Higher School of Economics*" Moscow, Russian Federation.
- **Assistant Professor**, May 2016 – July 2021, Department of Economics, *Osmaniye Korkut Ata University*, Osmaniye, Turkey.
- **Research Associate**, November 2015 – May 2016, Department of Economics, *Osmaniye Korkut Ata University*, Osmaniye, Turkey.
- **Visiting Scholar** – 2014 (September to November), Department of Economics, *Colorado School of Mines*, Golden, Colorado, US.
- **Sessional Instructor/Invigilator**, 2012 - 2014, Department of Economics, *University of Stirling*, Scotland, UK.

EDUCATION

- **Post-Doc**, 2021-2022, Institute of Economics and Utility Regulation, National Research University "*Higher School of Economics*" Moscow, Russian Federation.
- **Ph.D.** 2012-2015, Department of Economics, *University of Stirling* - Scotland, UK.
- **MPhil**, 2010-2011, Department of Economics, *University of Exeter* - England, UK.
- **M.Sc.** 2005-2008, Department of Economics, *University of Sakarya*, Turkey.
- **B.Sc.** 2000-2004, Department of Economics, *University of Cag*, Mersin – Turkey.

RESEARCH INTEREST

- Energy Economics
- Mineral Economics
- Renewable Energy, Oil, Natural Gas, Electricity, and Carbon Emission
- Environmental Economics
- Applied Econometrics

RESEARCH/PUBLICATIONS

1. **Kilinc-Ata, N.** & Rahman, M. (2024), “Digitalization and Financial Development Contribution to the Green Energy Transition in Malaysia: Findings from the BARDL Approach”, *Natural Resource Forum, A United Nations Sustainable Development Journal*, Pages 1–19, DOI: <https://doi.org/10.1111/1477-8947.12509>
2. **Kilinc-Ata, N.**, Barut, A., & Citil, M. (2024), “Do Military Expenditures Have an Impact on the Adoption of Renewable Energy in OECD Nations? Evidence from a Panel Cointegration Test Approach”, *International Journal of Energy Sector Management*, Volume 18, Issue 3, Pages: xx-xx, DOI: 10.1108/IJESM-07-2023-0010
3. Fikru, M. & **Kilinc-Ata, N.** (2024), “Do Mineral Imports Increase in Response to Decarbonization Indicators Other than Renewable Energy?” *Journal of Cleaner Production*, Volume 435, Pages: 140468, DOI: <https://doi.org/10.1016/j.jclepro.2023.140468>
4. Anwar, A., Huong, N. T. T., Sharif, A., **Kilinc-Ata, N.**, Çitil, M., & Demirtaş, F. (2024). “Is a green world real or a dream? A look at green growth from green innovation and financial development: Evidence from fragile economies.” *Geological Journal*, Volume 59, Issue 1, Pages: 98-112, DOI: <http://doi.org/10.1002/gj.4844>
5. **Kilinc-Ata, N.** & Proskuryakova, L. N. (2023), “Empirical Analysis of the Russian Power Industry’s Transition to Sustainability” *Utilities Policy*, Volume 82, Pages: 101586, DOI: <https://doi.org/10.1016/j.jup.2023.101586>
6. Anwar, A., Barut, A., Pala, F., **Kilinc-Ata, N.**, Kaya, E. & Lien, D.T.Q. (2023), “A Different Look at the Environmental Kuznets Curve from the Perspective of Environmental Deterioration and Economic Policy Uncertainty: Evidence from Fragile Countries” *Environmental Science and Pollution Research*, Volume 31, Pages: 1-20, DOI: <https://doi.org/10.1007/s11356-023-28761-w>
7. **Kilinc-Ata, N.**, Alshami, M. & Munir, K. (2023), “How Do Strategic Mineral Resources Affect the Clean Energy Transition? Autoregressive Distributed Lag (ARDL) Approach”, *Mineral Economics*, Volume 36, Pages: 643-654, DOI: <https://doi.org/10.1007/s13563-023-00373-3>
8. **Kilinc-Ata, N.**, & Alshami, M. (2023), “Analysis of How Environmental Degradation Affects Clean Energy Transition: Evidence from the UAE”, *Environmental Science and Pollution Research*, Volume 30, Pages: 72756–72768, DOI: <https://doi.org/10.1007/s11356-023-27540-x>
9. **Kilinc-Ata, N.**, Ismailov, N., & Volkova, I. (2023), “Sanctions and the Russian Federation’s Economy: A Systematic Literature Review and Analysis of Global Energy Sector”, *Ege Academic Review*, Volume 23, Issue 3, Pages: 377-392, DOI: <https://doi.org/10.21121/eab.1145182>
10. **Kilinc-Ata, N.** & Dolmatov, I. A. (2023), “Which Factors Influence the Decisions of Renewable Energy Investors? Empirical Evidence from OECD and BRICS Countries”

11. **Kilinc-Ata, N.** & Dolmatov, I. A. (2023), “The Russian Federation's Renewable Energy Development Determinants: Evidence from Empirical Research” *International Journal of Energy Sector Management*, Volume 17, No 4, Pages: 779-800, DOI: <https://doi.org/10.1108/IJESM-04-2022-0018>
12. **Kilinc-Ata, N.** & Likhachev, V. L. (2022), “Validation of the Environmental Kuznets Curve Hypothesis and Role of Carbon Emission Policies in the Case of Russian Federation” *Environmental Science and Pollution Research*, Volume 29, Pages: 63407–63422, DOI: <https://doi.org/10.1007/s11356-022-20316-9>
13. **Kilinc-Ata, N.** (2021), “An Economic Oriented Approach on the Restructuring Impacts on Turkey’s Energy Sector and Energy Policy during Covid-19 Pandemic”, *Eurasian Journal of Social and Economics Research*, Volume 8, Issue 4, Pages: 61-75. ISSN: 2148-9963
14. **Kilinc-Ata, N.** (2018), “Assessing the Future of Renewable Energy Consumption for United Kingdom, Turkey and Nigeria”, *Foresight and STI Governance Journal*, Volume 12, Issue 4, Pages: 62-77. DOI: 10.17323/2500-2597.2018.4.62.77
15. **Kilinc-Ata, N.** (2018), “A Systematic Literature Review of the Economics of Renewable Energy”, *International Journal of Innovative Research in Social and Natural Sciences*, Volume 1, Issue 1, s: 1-8. ISSN 2630-6093
16. **Kilinc-Ata, N.** (2016), “The Evaluation of Renewable Energy Policies across EU Countries and US States: An Econometric Approach”, *Energy for Sustainable Development*, Volume 31, Pages: 83-90. DOI: 10.1016/j.esd.2015.12.006
17. **Kilinc-Ata, N.** (2015), “The Impact of Government Policies in the Renewable Energy Investment: Developing a Conceptual Framework and Qualitative Analysis”, *Global Advanced Research Journal of Management and Business Studies*, Volume 4, Issue 2, Pages: 067-081. DOI: 10.17406/GJMBR
18. Polat, C. & **Kilinc, N.** (2007), “Trends in the Market Growth for Proton Exchange Membrane Fuel Cell (PEMFC): A Review of the Literature and Market Dynamics”, *European Journal of Economics, Finance and Administrative Sciences*, Volume 8, Issue 1, Pages: 69-92. ISSN: 1450-2275
19. Polat, C. & **Kilinc, N.** (2007), “The Birth, Growth, and Share of a New Market in the World and in Turkey: ‘Hydrogen Energy and Hydrogen Technology Products’ Market”, *International Journal of Human Sciences*, Volume 4, Issue 2, Pages: 298-310. DOI: 10.14687
20. Kutluay-Tutar, F. & **Kilinc, N.** (2007), “Türkiye’nin Sağlık Sektöründeki Ekonomik Gelişmişlik Potansiyeli ve Farklı Ülke Örnekleriyle Mukayesesi”, *Journal of the Afyon Faculty of Economics and Administrative Sciences Review*, Volume 9, Issue 1, Pages: 31-54.

21. Kutluay-Tutar, F. Kocabay, M. & **Kilinc, N.** (2007), “Turizm Sektöründe E-Ticaret Uygulamaları: Nevşehir Örneği”, *KMU Journal of Social and Economic Research*, Volume 12, Issue 9, Pages: 196-206.

Published Peer-Reviewed Book & Book Chapters (Scopus Based)

22. **Kilinc-Ata, N.** (2024) “An Analysis of Blockchain Technology in Sustainable Energy System: Beyond Myth” Book Title: *Sustainability Reporting and Blockchain Technology*, (Pages: xx-xx). Chapter 10, **Routledge, Taylor & Francis Group Publisher**, DOI:
23. **Kilinc-Ata, N.** & Ata, R. (2024), “The Place and Role of Digital Twin Applications: Directions for Energy and Education Sector”, Book Title: *Transforming Industry using Digital Twin Technology*, Editors: Ashutosh Mishra, May El Barachi, Manoj Kumar, (Pages: xx-xx). Chapter 3, **Springer Publisher**, DOI:
24. **Kilinc-Ata, N.** (2022), “Oil Prices Fluctuations and Macroeconomic Performance: The Case of Turkey”, In *Handbook of Finance for Sustainability in a Turbulent Economy* (Pages: 74-96). Chapter 4, **IGI Global Publisher**, DOI: 10.4018/978-1-6684-5580-7.ch004
25. **Kilinc-Ata, N.** (2022), “The Asymmetric Impact of Economic Growth, Energy Consumption, Population and R&D on Carbon Emission in Turkey: Evidence from ARDL and Non-Linear ARDL Approach”, In *Handbook of Research on Sustainable Development Goals, Climate Change, and Digitalization* (Pages: 200-215), Chapter 13, **IGI Global Publisher**, DOI: 10.4018/978-1-7998-8482-8.ch013
26. **Kilinc-Ata, N.** (2017), “Environmental Policies and Economic Growth in Turkey: A Critical Review”, In *Handbook of the Effects of Environmental Policies on Sustainability: Theory and Methods*, (Pages: 1-5), Chapter 3, **OMICS Publisher**. DOI: 10.4172/978-1-63278-010-2-011
27. **Kilinc-Ata, N.** & Tanriover, B. (2017), “A Quantitative Analysis of the Impact of Renewable Energy Deployment on Sustainability: The Turkish Case”, In *Handbook of Value Sharing for Sustainable and Inclusive Development*, (Pages: 309-321). Chapter 12, **IGI Global Publisher**, DOI: 10.4018/978-1-5225-3147-0.ch014
28. **Kilinc-Ata, N.** (2017), “*The Effects of Environmental Policies on Sustainability: Theory and Methods*”, (**Editor: Nurcan Kilinc-Ata**), Publisher: OMICS Group, No of Pages: 88, **OMICS Publisher**, Published On: November 2017, ISBN: 978-1-63278-010-2, DOI: 10.4172/978-1-63278-010-2-011.
29. Polat, C. & **Kilinc, N.** (2009), “Yeni Pazarların Gelişim Surecinde AB ve Türkiye: Hidrojen Tabanlı Pazarlara Doğru - EU and Turkey in the Development Process of New Markets: Towards Hydrogen Based Markets” In *Book: Türkiye-Avrupa Birliği Sektörel Rekabet Analizleri*, Chapter 17, **Nobel Publisher**, Editor: Prof. Dr. Selahattin Pekmez, DOI: 9786053951612

30. Polat, C. and **Kilinc, N.** (2008), “*Sayılarla Niğde: Niğde Sosyo-Ekonomik Raporu / Niğde in Number: Niğde Socio-Economic Report*”, **Niğde Chamber of Commerce and Industry**, Publication Number No: 3, December, Niğde, Books, ISBN: 978-9944-5742-2-8.

Publications Peer-Reviewed Conferences and Proceedings of Papers

31. Rahman, M. P., **Kilinc-Ata, N.**, Othman, A.H.A., & Abidin, A. Z. (2023), “The progress and challenges of green sukuk: a case study of the United Arab Emirates”, *11th Islamic Economics Workshop Islamic Economics and Environment*, 13-16 October, Istanbul, Turkey.
32. **Kilinc-Ata, N. &** Proskuryakova, L. N. (2023), “The Contribution of Energy Policies to Green Energy Transition in the Asia-Pacific Region”, *Digital Proceedings of the 18th Conference on Sustainable Development of Energy, Water, and Environment Systems, SDEWES2023*, September 24-29, Dubrovnik, Croatia.
33. **Kilinc-Ata, N. &** Rahman, M. P. (2023), “How Digitalization and Financial Advancement Contribute to the Green Energy Transition: The Malaysian Experience”, *Digital Proceedings of the 18th IAEE European conference The Global Energy Transition Toward Decarbonization: A multi-scalar perspective and transformation*, July 24-27, Milan, Italy. Online Proceeding: https://www.aiee.it/iaee_2023/wp-content/uploads/2023/08/Kilinc-Ata_paper_Milan2023.pdf
34. **Kilinc-Ata, N.** (2022), “Reviewing the energy's digitalization's opportunities, obstacles, and future directions”, *XII International Academic Conference 'Foresight and Science, Technology and Innovation Policy'*, November 22-25, 2022, Moscow, Russia Federation.
35. **Kilinc-Ata, N.** (2016), “The Effective Implementation of Renewable Energy Policies in Turkey”, *2nd International Social Sciences Congress, China to Adriatic, Institution of Economic Development and Social Research*, 5-10 May, Payas - Hatay, Turkey.
36. **Kilinc-Ata, N. &** Tanriover, B. (2016), “A Review of Turkey’s Nuclear Energy Policies: A Discussion Paper”, *International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology*, April 28-30, Payas - Hatay, Turkey.
37. **Kilinc-Ata, N.** (2016), “*Osmaniye'nin Markalaşması ve Şehir Pazarlanması Açısından İncelenmesi / Branding of Osmaniye and a City Marketing Perspective Analysis*”, Symposium on Urban Values in Strategic Development, Osmaniye Korkut Ata University, 3-4-5 May, Osmaniye/Turkey, (**Presentation and Proceeding**), ISBN: 978-60561237-2-6.
38. **Kilinc-Ata, N.** (2013), “Market Power for Renewable Energy Sources: A Case Study of the Demand and Supply Perspective”, *SB13 Dubai Paper – 140, Advancing Green Agenda; Technology, Practices, and Policies, SB13 Dubai Conference*, 8th-10th December, Dubai, United Arab Emirates.

- 39. Kilinc-Ata, N.** (2012), “A Renewable Energy-Economic Scenario Analysis”, *SPARKS Summer School Poster Competition 2012*, University of Warwick, 17th – 22nd June 2012, Coventry, United Kingdom/UK.
- 40. Polat, C. Durna, U. & Kilinc, N.** (2008), “Market Opportunities for Solid Oxide Fuel Cell (SOFC): A Review of the Literature and Future Market Research of SOFC”, *Business & Economics Conferences (EABR) and Teaching & Education Conferences (TLC)*, Salzburg, Austria, June 23 - 26.
- 41. Bekiş, T. & Kilinc, N.** (2007), “R&D and Innovation Activities in Organizations of Knowledge Economy: Turkey and World Applications”, *International 6th Knowledge Economy and Management Congress*, Istanbul, Turkey, Wednesday 26th - Friday 28th.
- 42. Tutar, F. Kocabay, M. & Kilinc, N.** (2007), “Effect of the Small and Medium Enterprises from E-Trade (SMEs) in Competition, R&D and Innovation”, *Third International Conference on Business, Management, and Economics*, Yasar University Izmir-Cesme, Turkey, Thursday 14th - Monday 17th June.
- 43. Kaymakçı, O. Demirocak, B. & Kilinc, N.** (2004), “The Potential of Being A Logistic Base of Turkey That Related to the Region Where it is Situated And Comparison with Greece – Spain Country Cases”, *First International Conference on Business, Management and Economics*, Izmir, Çeşme, Turkey, Wednesday 16th June.

TEACHING

- **Al-Qasimia University (2022 - present): Undergraduate Level (BSc):**
 - Principles of Macroeconomics & Principles of Microeconomics,
 - Intermediate Microeconomics & Intermediate Macroeconomics
 - Managerial Economics & Economics of Public Finance,
 - Economics of Development & Research Methods.
- **Osmaniye Korkut Ata University (2015-2020): Undergraduate Level (BSc):**
 - Energy Economics,
 - International Economics & Introduction to Economics
 - Mathematical Econometrics & Economic Growth and Development,
 - Graduate Level (MSc): Current Economic Problems
- **University of Stirling (2012-2015): Graduate Level (MSc):** Energy Management

RESEARCH FUNDINGS

- 18th IAEE European Milan Conference, The Global Energy Transition Toward Decarbonization: A multi-scalar perspective and transformation, Full Grant from AQU (AED8000), July 24-27, **2023**.
- 16th Baku Summer Energy School, “Oil and Gas Industry/Green and Renewable Energy”, Full Grant, (€2000), 16-30 July **2022**.
- Colorado Technology Primer for Economists and Social Scientists, Travel Grant, (\$1000), 22-24 October **2021**.
- Turkish Scientific and Technical Research Association (TUBITAK), Publication Grant (TL1500), **2016**.

- Scottish Institute for Research in Economics Research Grant, Oikos Young Scholars Energy Workshop in Tel Aviv, (£1000), 7-11 June **2015**.
- University of Stirling Management School Grant for Scottish Graduate School (SGS) of Social Science Summer School, (£1500), **2014**.
- European Youth Centre and Council of Europe Research in Strasbourg, Grant, (€1000), 18-21 December **2014**.
- TUD Sustainable Energy Systems Summer School Grant by the Technische Universität Dresden, (3 Credits along ECTS), (€1000), 23-28 September **2013**.
- Royal Economic Society Research in Birmingham, Grant, (£1000), 3-5 April **2012**.
- The European Agency for Energy Security Cambridge Sustainable Energy Summer School, Grant, (£700), 26 August-1 September **2012**.
- United Kingdom Energy Research Centre (UKERC) 10th Summer School in Coventry, Grant, (£1500), 6-11 July **2012**.
- Turkish Ministry of National Education PhD Grant, ((£100.000), **2009**.
- Turkish Scientific and Technical Research (TUBITAK) Association Fellowship Grant, “*Hydrogen Technologies*”, **2006-2008**.

PROJECTS AND PROJECTS INVOLVED

- **Researcher in GosDuma Project**, 2021-2022, **Project Title:** “*Different Models of Foreign Electricity Markets*”
- **Researcher in HSE Applied Project**, 2021-2022, **Project Title:** “*Mechanisms for Implementing Strategies for Low-carbon Development of Russian Energy Industries Using Best Practices*”.
- **Researcher in Joint EU-TUBITAK Project**, 2006 - 2009, **Project Title:** “*Establishment of Electric Oxygen and Hydrogen Production Facility from Solar Energy System Sourced PEM Fuel Cell and Development of High-Pressure Electrolyser for Hospitals*” (105 M 095)

INVITED SEMINARS, CONFERENCE, PRESENTATION AND PANEL TALKS

2024:

- **Guest Lecture** to “The Future of Energy” Master Programme of Governance of Science, Technology, and Innovation, NRU HSE, March 2024, Moscow, Russia (Main methods applied in energy economics).
- KAPSARC Webinar, The Circular Carbon Economy: From Concept to Realization, Saudi Arabia.

2023-2021:

- COP28 UAE; Critical Materials KAPSARC Webinar, Saudi Arabia, 2023.
- **Guest Lecture** to “The Future of Energy” Master Programme of Governance of Science, Technology, and Innovation, NRU HSE, February 2023, Moscow. (*The Introduction to present and future energy systems: key elements and their interrelation*).

- **Panel Talk**, XXIII Yasin International Academic Conference on Economic and Social Development, NRU HSE University, November, Moscow, 2022.
- FSR Climate Conference, Online Workshop on Integrated Nuclear-Renewable Energy System in OntarioTech University, 2022.
- **Guest Lecture** to “The Future of Energy” Master Programme of Governance of Science, Technology, and Innovation, NRU HSE, March 2022, Moscow. (*National energy policies and their environmental, social, and cross-sectoral implications*).
- **Online Workshop** on Russia’s Approach to Climate Change by ClathamHouse, 2021.
- **Guest Lecture** to “The Future of Energy” Master Programme of Governance of Science, Technology, and Innovation, NRU HSE, March 2021, Moscow. (*Energy Technology Foresight*).

2015-2011:

- **Workshop**, Oikos Young Scholars Energy Academy in Tel Aviv, 2015
- **Workshop** on Advanced NVIVO at the University of Stirling, 2014
- **Workshop** on Quantitative Research Methods using STATA in the University of Sheffield, 2012
- **Workshop** on Advanced SSPS in the University of Exeter, 2011

EDITORIAL ROLES AND REFEREE ACTIVITIES

Referee Activities:

- Energy Policy, Journal of Cleaner Production (JCP), Energy Economics, Mineral Economics, Energy Reports (**Elsevier**)
- Energies, Sustainability, Minerals (**MDPI**)
- Environmental Modeling & Assessment, Environmental Science and Pollution Research (ESPR), Energy Journal (**Springer**)
- Journal of Applied Economics (**Taylor & Francis**)
- International Journal of Energy Sector Management (**Emerald**).
- International Journal of Sustainable Development & World Ecology, SAGE Open, Energy & Environment Journal (**SAGE Journals**)
- IAEE Energy Journal (**IAEE**), Journal of Infrastructure, Policy, and Development (JIPD) (**EnPress**)
- **Book Chapter:** IGI-Global & OMICS eBooks International

Editorial Roles:

- **Editorial Board:** Journal of Economics Finance and Sustainability,
- **Guest Editor:** PLOS ONE
- **Book Editor:** OMICS eBooks International

MEMBER OF ACADEMIC ASSOCIATIONS

- International Association for Energy Economics (IAEE) & European Energy Centre (AEEC)
- Energy Institute (EI) in the UK, (Membership No: 0045825) & Royal Economic Society (RES)
- Econometric Research Association (ERA) & Turkish Economic Association (TEA)

SKILLS

- **Languages:** English (fluent), Turkish (native)
- **Programming:** STATA, EVIEWS, SPSS, NVIVO, MS Word, Excel, PowerPoint
- **Teaching/Other Professional Platforms:** Canvas, Banner, Zoom, Microsoft Team
- **Personal:** Active Listening & Empathy, Strategic Thinking & Creativity

SUPERVISION

- **Al Qasimia University in UAE (2022-2024)**, I supervise more than 40 undergraduate students every semester.
- **NRU HSE in Moscow (2021-2022)**, I supervised two Graduate Students theses under my supervision.
- **As an Independent Researcher in Turkey (2017-2020)**, I supervised four doctoral students for their theses under my supervision, externally.
- **University of Stirling in the UK (2012-2015)**, I supervised various master's Students for their thesis under my supervisor.