

Cenk Ufuk Yildiran

SENIOR ECONOMIST / APPLIED ECONOMETRICS / MACROECONOMICS

United Kingdom | [cenk-yildiran.com](#) | [Academia.edu](#) | [LinkedIn](#)

Profile

Economist with experience in macroeconomic research, applied econometrics, economic measurement and industrial policy. Professional appointments at the UK's National Physical Laboratory, the OECD and Türkiye's Ministry of Industry and Technology. Research combines time-series modelling, economic forecasting and quantitative analysis to inform policy and decision-making.

Professional Experience

National Physical Laboratory (NPL) Jun 2023–present

Senior Economist • Analysis & Evaluation Team, UK
Conduct economic analysis and performance assessment using National Measurement System indicators. Develop quantitative reporting and analytical workflows using Python, Excel and Power BI to support evidence-based evaluation.

National Physical Laboratory (NPL) Oct 2021–May 2023

Economist • Analysis & Evaluation Team, UK
Produced economic analysis and evaluation evidence, including data processing, indicator assessment and research reporting.

Organisation for Economic Co-operation and Development (OECD) 2018–2019

Economist & Policy Analyst • Paris, France
Researched industrial developments, shipbuilding finance and market conditions; contributed to OECD policy publications and research on US mass layoffs.

Ministry of Industry and Technology, Türkiye 2009–2013; 2015–2017; 2019–2021

EU Expert • Ankara, Türkiye
Worked on industrial-policy alignment with the European Union and bilateral government relations concerning industry and economic cooperation.

Education

MSc, Economics and Econometrics 2014

University of Essex, United Kingdom

MSc, Finance 2017

Kocaeli University, Türkiye

BSc, Econometrics 2007

Istanbul University, Türkiye

Areas of Interest

Macroeconomics / Econometrics / Financial Economics / Machine Learning / Industrial Economics

Technical Skills

Econometric and statistical analysis: Python, Stata, R, SQL.
Data and reporting: Power BI, Excel, Tableau. **Research documents:** L^AT_EX.

Awards and Scholarships

2022 NPL Values Award.
2018 Civil Servants Scholarship, Ministry of Industry and Technology.
2013 Jean Monnet Scholarship Programme.

Publications and Research Outputs

Journal articles, public working papers, OECD policy publications and National Physical Laboratory reports. Titles link to official records. SSRN items are public working papers, not necessarily peer-reviewed publications.

Journal Article

- 2017** **Forecasting USDTRY rate by ARIMA method**
C. U. Yildiran and A. Fettahoglu. *Cogent Economics & Finance*, 5(1), 1335968.

Working Papers / SSRN

- 2026** **Bayesian Vector Autoregression for Joint Macroeconomic Forecasting: Pseudo-Real-Time Evidence, Density Forecasts, Structural Dynamics, Scenario Analysis, and Practical Macro-Risk Use for the United States**
C. U. Yildiran. *SSRN working paper*, no. 7532698.
- 2026** **Real-Time Macroeconomic Nowcasting with Stage-dependent Model Policies: Evidence from U.S. GDP, Inflation, and Labour Markets**
C. U. Yildiran. *SSRN working paper*, no. 7325978.
- 2021** **Mass lay-offs in the United States of America, an analysis over 1995–2013**
C. U. Yildiran. *SSRN preprint*, no. 3762922.
- 2020** **Does TFP Growth Depend on Patenting Figures? A Cross Country Analysis Over 1981–2017**
C. U. Yildiran. *SSRN preprint*, no. 3644921.

OECD Policy Publications

- 2019** **Ship finance practices in major shipbuilding economies**
L. Daniel and C. Yildiran. *OECD Science, Technology and Industry Policy Papers*, No. 75.
- 2018** **Shipbuilding Market Developments Q2 2018**
OECD Working Party on Shipbuilding; C. Yildiran listed as contributor/contact. *OECD C/WP6(2018)9/FINAL*.

National Physical Laboratory Reports

- 2025** **A Summary of Science Metrix's Bibliometric Assessment of the National Physical Laboratory's Outputs on Advanced Manufacturing, Data & Digital, Life Sciences & Health, and Energy & Environment (2013–2023)**
E. Jiang, C. Yildiran and M. King. *NPL Report IEA 30*.
- 2025** **A summary of Science Metrix's bibliometric assessment of the National Physical Laboratory's metrology research outputs (2013–2023)**
C. Yildiran and M. King. *NPL Report IEA 26*.
- 2024** **Bibliometrics: A Pilot Study for National Physical Laboratory's Publications over 2000–2023**
C. Yildiran. *NPL Report IEA 23*.
- 2024** **Visualising the Locations of NPL's SED Departments and Designated NMS Laboratories Within an Impact Space**
S. Nayak, C. Yildiran, C. Dias and M. King. *NPL Report IEA 22*.

Full bibliography and links: cenk-yildiran.com/publications/. This is a personal CV; institutional affiliations do not imply endorsement.