

Matt Burke

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mattdburke.github.io

Current Academic Position

WTW (Willis Towers Watson) Research Fellow, Jun 2023 - Present

Smith School of Enterprise and the Environment, University of Oxford

Education

PhD, Finance

University of East Anglia, 2017 - 2021

Thesis title: The [læŋɡwɪdʒ] of Finance

Supervisors: Raphael Markellos and Apostolos Kourtis

PG Cert, Learning and Teaching in Higher Education

Sheffield Hallam University, 2014 - 2015

MRes, Social Sciences

Sheffield Hallam University, 2012 - 2014

BA, Economics

Sheffield Hallam University, 2008 - 2012

Previous Academic Positions

Senior Lecturer in Finance, Sept 2021 - May 2023

Sheffield Business School, Sheffield Hallam University

Lecturer in Business Analytics, May 2021 - Sept 2021

School of Management, University of Bradford

Research Associate in Green Finance, Sept 2020 - May 2021

Bennett Institute for Public Policy, University of Cambridge

Graduate Teaching Assistant, Oct 2017 – Sept 2020

Norwich Business School, University of East Anglia

Lecturer in Finance, Aug 2013 – Sept 2017

Sheffield Business School, Sheffield Hallam University

Associate Lecturer in Finance, June 2013 – Aug 2014

Sheffield Business School, Sheffield Hallam University

Publications

Klusak, P., Agarwala, M., Burke, M., Kraemer, M., and Mohaddes, K. (2023). Rising temperatures, falling ratings: The effect of climate change on sovereign creditworthiness. *Forthcoming in Management Science*.

- Shortlisted for the FT's Academic Research Awards (January 2022)

Burke, M., Fry, J., Kemp, S., and Woodhouse, D. (2022). Attention to Authority: The behavioural finance of Covid-19. *Finance Research Letters*, 49(103081).

Agarwala, M., Burke, M., Klusak, P., Mohaddes, K., Volz, U., and Zenghelis, D. (2021). Climate Change and Fiscal Sustainability: Risks and Opportunities. *National Institute Economic Review*, 258:28–46.

Fry, J. and Burke, M. (2020). An options-pricing approach to election prediction. *Quantitative Finance*, 20(10):1583–1589.

Burke, M. and Fry, J. (2019). How easy is it to understand consumer finance? *Economics Letters*, 177:1–4.

Working Papers

Burke, M., Markellos, R. and Kourtis, A. (2023). Market Reactions to Complex Language in Corporate News. *Document in preperation for submission to Review of Finance*

Agarwala, M., Burke, M., Klusak, P., Kraemer, M., and Volz, U. (2022). Nature loss and sovereign credit ratings. *Document in preperation for submission to Nature Sustainability*.

- Cited in *National Strategy to Develop Statistics for Environmental Economic Decisions. The White House, January 2023*

Books

Fry, J. and Burke, M. (2022). *Quantitative Methods in Finance using R*. Open University Press.

Research Funding and Consultancy

Climate Change and Sovereign Credit Ratings in the Caribbean Region

- *Inter-American Development Bank*, 2022

Biodiversity and Sovereign Credit Ratings

- *University of Cambridge and Finance for Biodiversity (F4B)*, 2021

Risks to the UK Red Meat Industry

- *Agricultural and Horticultural Development Board (AHDB)*, 2019

Selected Media

Featured in ‘*Biodiversity Loss May Push Developing World Closer to Default*’

- Bloomberg, June 2022

‘*Climate finance: it’ll be cheaper in the long run if poorer countries receive it as a matter of urgency*’

- The Conversation, Nov 2021

Featured in ‘*A Climate Reckoning Is Coming for the World’s Government Debt*’

- Bloomberg, Sept 2021

‘*Rising Temperatures, Melting Ratings*’

- VoxEU Column, March 2021

Invited Talks

‘Supervisory and Regulatory Developments: Climate financial risk’

- *Keble College, University of Oxford. Climate-related Financial Risk Programme*, June 2023

‘Rising Temperatures, Falling Ratings’

- *Banque de France*, October 2022

‘Rising Temperatures, Falling Ratings’

- *The Vienna Institute for International Economic Studies*, June 2021

‘Rising Temperatures, Falling Ratings’

- *Banco De España*, April 2021

Reviewer Activity

International Review of Financial Analysis, International Review of Economics and Finance, Finance Research Letters, Ecological Economics

Programming Skills

Python, R, LaTeX, Stata, Linux

Teaching Activity

I have over ten years of teaching experience over 3 different institutions on a wide variety of finance and economics programmes. I have taught students at undergraduate, postgraduate, and supervised MSc dissertations. My main teaching interests are in motivating computational methods in finance and financial risk and derivatives. I also have substantial experience leading modules and developing teaching material.