

Robert J. R. Elliott

BA • MA • PhD

Professor of Economics

Department of Economics, Birmingham Business School

University of Birmingham

 r.j.elliott@bham.ac.uk • +44 (0)121 414 7700 • Birmingham B15 2TT • ORCID 0000-0002-3966-2082 • Birmingham profile

PROFILE

I am an applied economist at the University of Birmingham, where I have worked since 2003 and have been Professor of Economics since 2010. My research sits at the intersection of international economics, environmental and energy economics, economic history and the economics of China, united by a long-standing interest in the economics of globalisation. Much of my recent work brings novel data — firm-level censuses, satellite imagery and machine learning — to bear on policy-relevant questions, from the economic effects of natural disasters to the critical-material supply chains and real-world longevity of electric vehicles. I am co-editor of *Environmental and Resource Economics* and Director of Research in the Department of Economics.

ACADEMIC APPOINTMENTS

2010–present	Professor of Economics , Department of Economics, University of Birmingham.
2007–2010	Reader, Department of Economics, University of Birmingham.
2003–2007	Senior Lecturer, Department of Economics, University of Birmingham.
2000–2003	Jean Monnet Professor in the Economics of European Integration, School of Economic Studies, University of Manchester.
1997–1999	Lecturer in Economics, Manchester Metropolitan University.

EDUCATION

1994–1999	PhD , University of Nottingham. Thesis: <i>Industrial Specialisation and Adjustment in the European Union: Spatial and Structural Dimensions</i> (ESRC-funded; supervisor: Professor David Greenaway).
1991–1992	MA in Economics , University of Essex (funded by the European Social Fund).
1987–1990	BA (Hons) in Economics , University of Leicester.

RESEARCH INTERESTS

- **International Trade & Globalisation.** Intra-industry trade and its consequences — firm-level importing and exporting, foreign investment, and labour-market adjustment.
- **Trade, Investment & the Environment.** The pollution-haven hypothesis, environmental regulation and industrial location, and the spatial pattern of firms' emissions.
- **Economics of China & East Asia.** Foreign investment, firm productivity, energy intensity, urbanisation, and the role of governance.
- **Energy & the Low-Carbon Transition.** Electricity reliability and firms, electric vehicles, critical materials and battery recycling.
- **Natural Disasters & Climate.** The economic consequences of typhoons, floods and wildfires, measured from outer space, and their effects on firms, prices and politics.

- **Economic History & Novel Data.** Machine learning and synthetic controls for air quality and policy evaluation, satellite imagery, and long-run historical datasets.

Google Scholar (April 2026): approximately 12,800 citations; h-index 57; i10-index 92. Among the most highly cited economists at the University of Birmingham.

LEADERSHIP & UNIVERSITY ADMINISTRATION

2022-present	Director of Research , Department of Economics.
2009-2013	Head of Department, Economics.
until 2022	Founder and Lead, Trade, Environment, Development & Energy (TEDE) research group.
2013-2018	Director of Admissions and Recruitment.
2013-2016	Director of Education (Undergraduate Programme Lead).
2013-	Member, College Humanities & Social Sciences Ethical Review Committee. Member of the Digital Research Group (chaired by the PVC Research) and the University Ethics Committee; theme lead, Institute of Global Innovation (Water). Previously a member of the School Management Team and the Business School internationalisation committee.

PUBLICATIONS

'Elliott' is shown in bold; DOIs link to the version of record, otherwise links resolve to PURE or RePEc. Fuller public records are also maintained through the [University of Birmingham research portal](#), [RePEc/IDEAS](#) and [Google Scholar](#).

JOURNAL ARTICLES (PEER-REVIEWED)

- W. Chung, D. Dai & **R. J. R. Elliott** (2026). Visual bias in the Brexit referendum: A quantitative analysis of newspaper images. *European Economic Review*, 189, 105422. doi:10.1016/j.eurocorev.2026.105422.
- Y. Qu, D. J. Maddison, **R. J. R. Elliott** & E. Strobl (2026). The impact of climate on Indian households' living costs. *Ecological Economics*, 249, 109044. doi:10.1016/j.ecolecon.2026.109044.
- M. Fumany, V. Nguyen-Tien, N. Li, **R. J. R. Elliott** & L. Lander (2026). The EV transition: The impact of the EU battery directive on critical material supply, recycling and battery costs. *Resources Policy*, 112, 105787. doi:10.1016/j.resourpol.2025.105787.
- V. Nguyen-Tien, C. Zhang, E. Strobl & **R. J. R. Elliott** (2025). The closing longevity gap between battery electric vehicles and internal combustion vehicles in Great Britain. *Nature Energy*, 10(3), 354–364. doi:10.1038/s41560-024-01698-1.
- J. Zhang, **R. J. R. Elliott**, B. Zhang & M. Liu (2025). Public environmental complaints and regulatory intensity. *Journal of Environmental Economics and Management*, 134, 103221. doi:10.1016/j.jeem.2025.103221.
- N. O. Bonsu, M. Ababio, E. Appoh, M. Ashinyo, S. Essuman & **R. J. R. Elliott** (2025). Air pollution, citizen science, and the future of mobility in low- and middle-income countries. *Contemporary Social Science*, 20(1), 66–89. doi:10.1080/21582041.2025.2587877.
- C. Tong, Y. Dai, M. Cole, **R. J. R. Elliott**, S. E. Bartington, B. Liu & Z. Shi (2025). Further improvement in London's air quality demands more than the Ultra Low Emission Zone policy. *npj Clean Air*, 1(1), 29. doi:10.1038/s44407-025-00030-9.
- S. Meier, E. Strobl & **R. J. R. Elliott** (2025). The impact of wildfire smoke exposure on excess mortality and later-life socioeconomic outcomes: the Great Fire of 1910. *Cliometrica*, 19(2), 279–342. doi:10.1007/s11698-024-00297-0.
- R. J. R. Elliott** & A. Urquhart (2025). Bitcoin Research: What Are the New Frontiers? *The Financial Review*, 60(4), 1121–1127. doi:10.1111/fire.70015.
- R. J. R. Elliott**, P. Sun & T. Zhu (2024). Energy abundance, the geographical distribution of manufacturing, and international trade. *Review of World Economics*, 160(4), 1361–1391. doi:10.1007/s10290-024-00544-6.
- R. J. R. Elliott**, W. Kuai, D. Maddison & C. Ozgen (2024). Eco-innovation and (green) employment: A task-based approach to measuring the composition of work in firms. *Journal of Environmental Economics and Management*, 127, 103015. doi:10.1016/j.jeem.2024.103015.
- K. Cheng, S. Bensassi, **R. J. R. Elliott** & E. Strobl (2024). Constructing a county-level environmental events

- dataset for China during the Ming and Qing dynasties (1368–1911). *Historical Methods*, 57(3), 123–145. doi:10.1080/01615440.2024.2369234.
- R. J. R. Elliott, V. Nguyen-Tien, E. A. Strobl & T. Tveit (2023). Climate-Related Natural Disasters and Voting Behavior: Evidence from Environmental Legislation in the US Senate. *Journal of the Association of Environmental and Resource Economists*, 10(3), 753–786. doi:10.1086/722540.
- S. Meier, R. J. R. Elliott & E. Strobl (2023). The regional economic impact of wildfires: Evidence from Southern Europe. *Journal of Environmental Economics and Management*, 118, 102787. doi:10.1016/j.jeem.2023.102787.
- S. Wu, J. Zhang & R. J. R. Elliott (2023). Green securities policy and the environmental performance of firms: Assessing the impact of China's pre-IPO environmental inspection policy. *Ecological Economics*, 209, 107836. doi:10.1016/j.ecolecon.2023.107836.
- L. Lander, C. Tagnon, V. Nguyen-Tien, E. Kendrick, R. J. R. Elliott, A. P. Abbott, J. S. Edge & G. J. Offer (2023). Breaking it down: A techno-economic assessment of the impact of battery pack design on disassembly costs. *Applied Energy*, 331, 120437. doi:10.1016/j.apenergy.2022.120437.
- B. Jones, V. Nguyen-Tien & R. J. R. Elliott (2023). The electric vehicle revolution: Critical material supply chains, trade and development. *The World Economy*, 46(1), 2–26. doi:10.1111/twec.13345.
- G. D. J. Harper, E. Kendrick, P. A. Anderson, ... R. J. R. Elliott et al. (2023). Roadmap for a sustainable circular economy in lithium-ion and future battery technologies. *Journal of Physics: Energy*, 5(2), 021501. doi:10.1088/2515-7655/aca57.
- C. Song, B. Liu, K. Cheng, M. A. Cole, Q. Dai, R. J. R. Elliott & Z. Shi (2023). Attribution of air quality benefits to clean winter heating policies in China: Combining machine learning with causal inference. *Environmental Science & Technology*, 57(46), 17707–17717. doi:10.1021/acs.est.2c06800.
- B. Liu, J. R. Bryson, D. Sevinc, M. A. Cole, R. J. R. Elliott, S. E. Bartington, W. J. Bloss & Z. Shi (2023). Assessing the Impacts of Birmingham's Clean Air Zone on Air Quality: Estimates from a Machine Learning and Synthetic Control Approach. *Environmental & Resource Economics*, 86(1), 203–231. doi:10.1007/s10640-023-00794-2.
- R. J. R. Elliott, E. A. Strobl & T. Tveit (2023). Hurricanes, fertility, and family structure: a study of early 20th century Jamaica. *The History of the Family*, 28(4), 660–687. doi:10.1080/1081602X.2023.2256507.
- V. Nguyen-Tien, Q. Dai, G. D. J. Harper, P. A. Anderson & R. J. R. Elliott (2022). Optimising the geospatial configuration of a future lithium-ion battery recycling industry in the transition to electric vehicles and a circular economy. *Applied Energy*, 321, 119230. doi:10.1016/j.apenergy.2022.119230.
- V. G. Sales, E. Strobl & R. J. R. Elliott (2022). Cloud cover and its impact on Brazil's deforestation satellite monitoring program: Evidence from the cerrado biome of the Brazilian Legal Amazon. *Applied Geography*, 140, 102651. doi:10.1016/j.apgeog.2022.102651.
- S. Meier, E. Strobl, R. J. R. Elliott & N. Kettridge (2022). Cross-country risk quantification of extreme wildfires in Mediterranean Europe. *Risk Analysis*, 43(9), 1745–1762. doi:10.1111/risa.14075.
- H. Camargo-Alvarez, R. J. R. Elliott, S. Olin, X. Wang, C. Wang, D. K. Ray & T. A. M. Pugh (2022). Modelling crop yield and harvest index: the role of carbon assimilation and allocation parameters. *Modeling Earth Systems and Environment*, 9, 2617–2635. doi:10.1007/s40808-022-01625-x.
- Z. Shi, C. Song, B. Liu, ... R. J. R. Elliott, W. J. Bloss, R. M. Harrison et al. (2021). Abrupt but smaller than expected changes in surface air quality attributable to COVID-19 lockdowns. *Science Advances*, 7(3), eabd6696. doi:10.1126/sciadv.abd6696.
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- M. A. Cole, R. J. R. Elliott & B. Liu (2020). The Impact of the Wuhan Covid-19 Lockdown on Air Pollution and Health: A Machine Learning and Augmented Synthetic Control Approach. *Environmental & Resource Economics*, 76(4), 553–580. doi:10.1007/s10640-020-00483-4.
- W. Wu, B. Lin, C. Xie, R. J. R. Elliott & J. Radcliffe (2020). Does energy storage provide a profitable second life for electric

- vehicle batteries? *Energy Economics*, 92, 105010. doi:10.1016/j.eneco.2020.105010.
- R. J. R. Elliott, L. Jabbour & E. Vanino (2020). Innovation and the Creative Destruction of Trade: A Study of the Intensive and Extensive Margins of Trade for French Firms. *Oxford Bulletin of Economics and Statistics*, 82(1), 180–208. doi:10.1111/obes.12324.
- R. J. R. Elliott, I. Schumacher & C. Withagen (2020). Suggestions for a Covid-19 Post-Pandemic Research Agenda in Environmental Economics. *Environmental & Resource Economics*, 76(4), 1187–1213. doi:10.1007/s10640-020-00478-1.
- R. J. R. Elliott, P. Sun & T. Zhu (2020). Shell shocked: The impact of foreign entry on the gasoline retail market in China. *Energy Economics*, 86, 104647. doi:10.1016/j.eneco.2020.104690.
- R. J. R. Elliott, Y. Liu, E. Strobl & M. Tong (2019). Estimating the direct and indirect impact of typhoons on plant performance: Evidence from Chinese manufacturers. *Journal of Environmental Economics and Management*, 98, 102252. doi:10.1016/j.jeem.2019.102252.
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- R. J. R. Elliott, N. J. Horsewood & L. Zhang (2019). Importing exporters and exporting importers: A study of the decision of Chinese firms to engage in international trade. *Review of International Economics*, 27(1), 240–266. doi:10.1111/roie.12374.
- R. J. R. Elliott, P. Sun & T. Zhu (2019). Electricity prices and industry switching: Evidence from Chinese manufacturing firms. *Energy Economics*, 78, 567–588. doi:10.1016/j.eneco.2018.11.029.
- M. A. Cole, R. J. R. Elliott, T. Okubo & E. Strobl (2019). Natural disasters and spatial heterogeneity in damages: the birth, life and death of manufacturing plants. *Journal of Economic Geography*, 19(2), 373–408. doi:10.1093/jeg/lbx037.
- M. A. Cole, R. J. R. Elliott, G. Occhiali & E. Strobl (2018). Power outages and firm performance in Sub-Saharan Africa. *Journal of Development Economics*, 134, 150–159. doi:10.1016/j.jdeveco.2018.05.003.
- A. Beltrán, D. Maddison & R. J. R. Elliott (2018). Is Flood Risk Capitalised Into Property Values? *Ecological Economics*, 146, 668–685. doi:10.1016/j.ecolecon.2017.12.015.
- A. Del Valle, R. J. R. Elliott, E. Strobl & M. Tong (2018). The Short-Term Economic Impact of Tropical Cyclones: Satellite Evidence from Guangdong Province. *Economics of Disasters and Climate Change*, 2(3), 225–235. doi:10.1007/s41885-018-0028-3.
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- R. J. R. Elliott & T. Okubo (2016). Ecological Modernization in Japan: The Role of Interest Rate Subsidies and Voluntary Pollution Control Agreements. *Asian Economic Papers*, 15(3), 66–88.
- R. J. R. Elliott, L. Jabbour & L. Zhang (2016). Firm Productivity and Importing: Evidence from Chinese Manufacturing Firms. *Canadian Journal of Economics*, 49(3), 1086–1124.
- R. J. R. Elliott, E. Strobl & P. Sun (2015). The local impact of typhoons on economic activity in China: A view from outer space. *Journal of Urban Economics*, 88, 50–66. doi:10.1016/j.jue.2015.05.001.
- R. J. R. Elliott, P. Sun & Q. Xu (2015). Energy distribution and economic growth: An empirical test for China. *Energy Economics*, 48, 24–31. doi:10.1016/j.eneco.2014.11.016.
- R. J. R. Elliott & Y. Zhou (2015). Co-location and Spatial Wage Spillovers in China: The Role of Foreign Ownership and Trade. *World Development*, 66, 629–644. doi:10.1016/j.worlddev.2014.09.001.
- M. A. Cole, R. J. R. Elliott & E. Strobl (2014). Climate Change, Hydro-Dependency, and the African Dam Boom. *World Development*, 60, 84–98. doi:10.1016/j.worlddev.2014.03.016.

- M. A. Cole, **R. J. R. Elliott** & T. Okubo (2014). International environmental outsourcing. *Review of World Economics*, 150(4), 639–664. doi:10.1007/s10290-014-0193-6.
- F. Alborno, M. A. Cole, **R. J. R. Elliott** & M. G. Ercolani (2014). The Environmental Management of Firms: Motives, Obstacles and the Role of Foreign Ownership. *Journal of Environmental Management*, 146, 150–163.
- M. A. Cole, **R. J. R. Elliott**, T. Okubo & Y. Zhou (2013). The carbon dioxide emissions of firms: A spatial analysis. *Journal of Environmental Economics and Management*, 65(2), 290–309. doi:10.1016/j.jeem.2012.07.002.
- R. J. R. Elliott**, P. Sun & S. Chen (2013). Energy intensity and foreign direct investment: A Chinese city-level study. *Energy Economics*, 40, 484–494. doi:10.1016/j.eneco.2013.08.004.
- R. J. R. Elliott** & Y. Zhou (2013). Environmental Regulation Induced Foreign Direct Investment. *Environmental & Resource Economics*, 55(1), 141–158. doi:10.1007/s10640-012-9620-0.
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- M. A. Cole, **R. J. R. Elliott** & K. Khemmarat (2013). Local Exposure to Toxic Releases: Examining the Role of Ethnic Fractionalization and Polarization. *Ecological Economics*, 93, 249–259.
- R. J. R. Elliott** & Y. Zhou (2013). Ownership, Exporting and Productivity in China: A Stochastic Dominance Approach. *The World Economy*, 36(8), 1000–1028.
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- M. A. Cole, **R. J. R. Elliott** & J. Zhang (2011). Growth, Foreign Direct Investment, and the Environment: Evidence from Chinese Cities. *Journal of Regional Science*, 51(1), 121–138. doi:10.1111/j.1467-9787.2010.00674.x.
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- R. J. R. Elliott** & S. Virakul (2010). Multi-Product Firms and Exporting: A Developing Country Perspective. *Review of World Economics*, 146(4), 635–656.
- F. Alborno, M. A. Cole, **R. J. R. Elliott** & M. G. Ercolani (2009). In Search of Environmental Spillovers. *The World Economy*, 32(1), 136–163. doi:10.1111/j.1467-9701.2009.01160.x.
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- M. Brühlhart & **R. J. R. Elliott** (1998). Adjustment to the European Single Market: Inferences from Intra-Industry Trade Patterns. *Journal of Economic Studies*, 25, 225–247.
- D. Greenaway, R. C. Hine, C. R. Milner & **R. J. R. Elliott** (1994). Adjustment and the Measurement of Intra-Industry Trade. *Weltwirtschaftliches Archiv*, 130, 418–427.

WORKING PAPERS

- W. Chung, R. Elliott & Y. Han (2026). Customs Agents in International Trade. *CEPR Discussion Paper 21444*, 5 May 2026. doi:10.2139/ssrn.6689706.
- R. J. R. Elliott, W. Kuai, T. Okubo & C. Ozgen (2026). International Engagement and the Greenness of Manufacturing Firms. *RIETI Discussion Paper 26018*. RePEc.
- W. Chung, R. Elliott, Y. Han & A. Navas (2025). Customs Agents and Trade Facilitation. *CEPR Discussion Paper 20482*, 23 July 2025. [online](#).
- R. J. R. Elliott, V. Nguyen-Tien, E. Strobl & C. Zhang (2024). Estimating the longevity of electric vehicles: What do 300 million MOT test results tell us? *CEPR Discussion Paper dp1972*, LSE. RePEc.
- R. J. R. Elliott, F. Gatti & E. Strobl (2024). The Trade Effects of the Plague: The Saminati and Guasconi Bank of Florence (1626–1634). *EHES Working Paper 0271*. RePEc.
- W. Chung, D. Dai & R. J. R. Elliott (2022). Measuring Brexit Uncertainty: A Machine Learning and Textual Analysis Approach. *CEPR Discussion Paper 17410*. RePEc.

REPORTS AND POLICY OUTPUTS

- L. Zhang, R. Elliott & Q. Xiong (2026). Domestic delivery on climate action and climate governance and the UK's international climate leadership. *UK Parliament written evidence*, 4 p., 11 February 2026. [online](#).
- W. Chung, R. Elliott & Y. Han (2026). Written submission from Wanyu Chang, Robert Elliot, Yangjun Han (EUT0016): Submission to the Business and Trade Committee Inquiry on UK trade with the EU. *UK Parliament written evidence*, June 2026. [online](#).

BOOK CHAPTERS

- M. Brühlhart & R. J. R. Elliott (1999). A Survey of Intra-Industry Trade in the European Union. In M. Brühlhart & R. C. Hine (eds.), *Intra-Industry Trade and Adjustment*. Palgrave Macmillan, ch. 5, pp. 98–117. doi:10.1007/978-1-349-27173-3_5.

PUBLIC COMMENTARY AND ENGAGEMENT

- V. Nguyen-Tien, G. D. J. Harper & R. Elliott (2026). Electric vehicles pass tipping point, breaking the link with oil prices. *The Conversation*, 16 April 2026. doi:10.64628/AB.muvv9mnd3.
- V. Nguyen-Tien, G. Harper & R. Elliott (2026). Batteries, coûts, réseaux... L'industrie automobile franchit le point de bascule et peut s'affranchir du pétrole. *The Conversation*, 17 April 2026. doi:10.64628/AAK.ktrwtsrhv.

RESEARCH GRANTS & FUNDED PROJECTS

2025-2030	INHABIT — Medical Research Council (PI Zongbo Shi). Co-Investigator.
2024-2025	CCRA4 — UK Climate Change Risk Assessment, UK Government (approx. £200k).
2023-2025	Use of agents in international trade — Centre for Inclusive Trade Policy (CITP) (approx. £30k; PI Wanyu Chung).
2021-2023	UK–Taiwan networking grant — ESRC (approx. £30k; PI Wanyu Chung).
2019-2023	PyroLife — EU H2020 Marie Skłodowska-Curie ITN (approx. EUR 4m; approx. £600k to Birmingham; PI Nick Kettridge).
2018-2022	ReLIB — recycling lithium-ion batteries and critical-material supply chains, The Faraday Institution (approx. £150k for economics; lead Paul Anderson). Co-Investigator.
2017-2019	Regional climate extremes for China and East Asia — NERC (approx. £300k; lead G. C. Leckebusch).
2019-2022	The role of government and spillover effects in voluntary environmental regulations — National Natural Science Foundation of China (lead Shanshan Wu).
2010-2011	The Dynamics of International Trade: Sequencing, Experimenting and Quality — ESRC (approx. £94k). Principal Investigator (with Facundo Alborno).
2002-2004	Globalisation, Competitiveness and the Environment: A UK and European Perspective — ESRC (£40k; PI Matthew Cole). Co-Investigator; graded <i>Outstanding</i> .

TEACHING

Undergraduate

The Global Economy (Year 1); **China and the World Economy** (Year 2). Regular supervisor of undergraduate and master's dissertations.

DOCTORAL SUPERVISION

Current doctoral projects; student names omitted pending confirmation for public release.

Economic history — economic history of the Caribbean (since 2025).

Green finance — green finance and ESG in China (ESRC-funded, joint with Nottingham; since 2024).

Machine learning — ESG and machine learning (since 2024).

Regional economics — urban and regional economics in Indonesia (since 2024).

Digital assets — a critical evaluation of cryptocurrencies (ESRC-funded; since 2024).

Economic history — the economic history of China (ESRC-funded; since 2024).

Energy & EVs — the economics of the EV revolution in China (since 2023).

Environmental data — machine learning and environmental economics (since 2022).

Critical materials — the economics of critical materials (since 2020).

Completed (selected, with current positions).

Qinqin Xiong — firms, institutions and the environment (2021).

Yiran Su — greening global value chains (2019); now an academic in China.

Duiyi Dai — trade uncertainty: the UK experience (2020); now a post-doc at the University of Oxford.

Yangjun Han — UK customs trade analysis (2020); now a post-doc at Birmingham Business School.

Yuhang Qu — household behaviour and the environment in China (2020); now a post-doc at the University of Lancaster.

Hector Camargo Alvarez — climate modelling (2019); now a post-doc in Germany.

Chifumanya Okpala — the economics of gender and childhood health (2018); now at the UK Office for National Statistics.

Bowen Liu — Chinese environmental economics (2017); now at the University of Birmingham.

Wenjing Kuai — green jobs (2017); now at Hunan University, China.

Zuokan Zhou — eco-innovation (2015).

Tien Viet Nguyen — climate change, hydropower and development in Vietnam (2015); now a Research Fellow at the LSE.

Vilane Goncalves Sales — deforestation in Brazil, with Eric Strobl (2015); now a post-doc at the University of Bern.

Allan Beltrán — hedonics and UK flooding, with David Maddison; now a Lecturer at the University of Birmingham.

Tong Zhu — energy economics in China, with Matthew Cole (2013); now at ESRI, Dublin.

Marco Ginosoldati — financial constraints and exports in China, with Alessandra Guariglia (2012); now a lecturer in Italy.

Giovanni Occhiali — hydropower, night-lights and development; Research Fellow at the University of Sussex.

Enrico Vanino — trade and R&D, with Liza Jabbour (2012); now a Lecturer at the University of Sheffield.

Yi Liu — trade and labour markets in China, with Michael Henry (2011); now a teaching fellow at the University of Birmingham.

Bing Liu — trade missions and Chinese trade, with Liza Jabbour (2012); now a teaching fellow at Aston University.

Liyun Zhang — quality in international trade, with Nick Horsewood (2009); now a Research Fellow at the University of Birmingham.

Meng Tong — firm-level dynamics in China, with Nick Horsewood (2010).

Xiaoyu Tian — the micro-dynamics of trade, with Facundo Alborno (2009); now at the University of Northampton.

Supreeya Virakul — exporting and foreign ownership: a firm-level study for Thailand, with Matthew Cole (2009).

Shanshan Wu — trade, FDI, regional dynamics and the environment in China, with Matthew Cole (2008); now a lecturer in Wuhan.

Jing Zhang — FDI and environmental regulation in China, with Matthew Cole (2008); now a tenured lecturer at the

University of Nottingham.

Jainta Chomtoranin — climate change and rice production in Thailand; now at the Ministry of Agriculture, Thailand.

Kate Khemmarat — exposure to toxic releases of pollution; now with the Thai government.

Yan Cen — Zipf's law applied to China; now a lecturer in China.

EDITORIAL & PROFESSIONAL SERVICE

Editorial	Co-editor, <i>Environmental and Resource Economics</i> . Regular referee for leading journals in environmental, energy and international economics, and reviewer of ESRC grant applications and final reports.
Advisory	Adviser to HM Revenue & Customs on environmental taxation; member of the Commonwealth Scholarship board; member of the commissioning panel for the DFID-ESRC China and Africa research programme; member of the internal promotion committee, CREA (University of Luxembourg).
Examining	External examiner at the University of Manchester (2023–), Lancaster University, the University of Nottingham and Nottingham Trent University.
Assessment	External assessor / promotion adviser for the University of the West Indies (programmes and professorial panel), Quaid-i-Azam University (Islamabad), UTAR (Malaysia), the Chinese University of Hong Kong, the LSE (Geography & Environment) and Nottingham Ningbo (China); external reviewer of new MSc programmes for King's College London and the University of Leicester.
Committees	Scientific committee for the EAERE and ETSG conferences.
Consultancy	Consultancy projects for the European Commission and the Asian Development Bank (2022–2023).

EXTERNAL AFFILIATIONS

External Fellow, Leverhulme Centre for Research on Globalisation and Economic Policy (GEP), University of Nottingham.

Birmingham Energy Institute; Birmingham Institute for Sustainability and Climate Action; Institute for Interdisciplinary Data Science and AI, University of Birmingham.