

VIET NGUYEN-TIEN

Room 32L 2.02, Centre for Economic Performance, LSE, Houghton Street, London WC2A 2AE

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PROFESSIONAL EXPERIENCE

London School of Economics and Political Science

Research Economist at Centre for Economic Performance

London, UK

Mar 2020 - present

University of Birmingham

Faraday Institution Postdoctoral Research Fellow

Teaching Assistant

Birmingham, UK

Jun 2018 - Mar 2020

Sep 2016 - May 2018

- Econometrics (MSc).
- Econometrics with Financial Applications (MSc).
- Development Economics (BSc).

EDUCATION

University of Birmingham

PhD Economics

Birmingham, UK

Sep 2015 - Mar 2019

- Thesis title: Three Essays on Environment, Economics, and Politics.
- Supervisors: Prof Robert Elliott (University of Birmingham), and Prof Eric Strobl (University of Bern).
- Examiners: Prof Mathew Cole (University of Birmingham), Prof Andreas Fuchs (University of Goettingen).
- Nominated for Michael K. O'Rourke Best Publication Awards.

University of Birmingham

MSc International Economics (Distinction degree)

Birmingham, UK

Sep 2014 - Sep 2015

Foreign Trade University

BA (Hons) International Business Economics (First-class honours, Dean's Honour List)

Hanoi, Vietnam

Sep 2009 - Sep 2013

RESEARCH

Publications

- Jones, B., Elliott, R., Nguyen-Tien, V., (2020) 'The Electric Vehicles Revolution: The Road ahead for Critical Raw Materials Demand', *Applied Energy* **280**, 115072.
- Nguyen-Tien, V., Elliott, R. and Strobl, E. (2018), 'Hydropower generation, flood control and dam cascades: A national assessment for Vietnam', *Journal of Hydrology* **560**, 109–126.

Work Submitted

- Elliott, R., Nguyen-Tien, V., Strobl, E. (2021), 'Power Outages and Firm Performance: A Hydro-IV Approach for a Single Electricity Grid', submitted to *Energy Economics* (R&R).
- Nguyen-Tien, V., Dai, Q., Harper, G., Paul, A., Elliott, R. (2021), 'Optimising the Geospatial Configuration of a Future Lithium-Ion Battery Recycling Industry in the Transition to Electric Vehicles and a Circular Economy' – submitted a joint Special Issue of *Applied Energy* and *Resource, Conservation and Recycling*.
- Lander, L., Cleaver, T., Rajaeifar, M., Nguyen-Tien, V., Elliott, R., Heidrich, O., Kendrick, E., Edge, J., Offer, G. (2021), 'Financial Viability of Electric Vehicle Lithium-Ion Battery Recycling', submitted to *iScience*.

Work near Submission

- Elliott, R., Nguyen-Tien, V., Strobl, E., Tveit, T., 'Do Natural Disasters Make Politicians More Environmentally Friendly? - Evidence from Environmental Legislation in the US Senate'.
- Jones, B., Nguyen-Tien, V., Elliott, R., 'The EV revolution: economic and policy implications for natural resource exporters in developing countries'.

Work in Progress

- ‘Mapping the production, diffusion and drivers of future technologies’ (with Draca, M., Nathan, M., Sivropoulos-Valero, A., Zhang, S., Rosso, A., Oliveira-Cunha, J.).
- ‘Trends in Green Jobs in the UK and EU’ (with Sivropoulos-Valero, A., Riom, C., Li, J., Muller, SR.).
- ‘Survival of the Cleanest: A Parametric and Non-parametric Analysis of the Longevity of Electric Vehicles’ (with Elliott, R., Strobl, E., Zhang, C.).
- ‘Extreme Weather, Vehicle Reliability and Scrappage Schemes’ (with Elliott, R., Strobl, E., Zhang, C.).

Research Interests

Microeconomics, Environmental Economics, Industrial Economics, Development Economics, Political Economy.

Refereeing

Environmental and Resource Economics.

SELECTED TALKS AND CONFERENCE PRESENTATIONS

- International Conference on Innovation and Circular Economy, Mar 2020, Santiago de Compostela, Spain (Zoom Conference due to Covid-19).
- Building Energy Resilience: 6th Annual London-Loughborough Conference for Early Career Researchers, Jun 2019, Loughborough, UK.
- The 24th Annual Conference of the European Association of Environmental and Resource Economists, Jun 2019, Manchester, UK.
- Batteries Included: The Birth, Life, Second-Life and Death of Electric Vehicles Workshop, Mar 2018, Birmingham, UK.
- The 6th World Congress of Environmental and Resource Economists, Jun 2018, Gothenburg, Sweden.
- Water Scarcity in Developing Countries Workshop, Birmingham Institute of Energy, Jun 2018, Birmingham, UK.
- The 2017 International SWAT Conference and Workshops, Jun 2017, Warsaw, Poland.
- The Tenth Vietnam Economists Annual Meeting, Aug 2017, Ho Chi Minh City, Vietnam.

AWARDS

University of Birmingham

Birmingham, UK

Joint Doctoral studentship by Birmingham Business School and Department of Economics for research project ‘Climate change, Hydropower and Firm Performance’ – awarded £85,821 (2015-2018).

SELECTED SKILLS

- Statistical packages: STATA, Matlab, Eviews, OxMetrics.
- Programming language and data science: Python (with libraries such as NumPy, Pandas, Matplotlib, Plotly, Statsmodels, Scikit-learn, BeautifulSoup4, Selenium, MySQL.connector, NLTK, genism, NetworkX, SpaCy).
- Spatial analysis and GIS application: ArcGIS, ArcPy, GeoPandas.
- Secured Data Access: ONS UK Data Service Secure Lab.
- Others: R, High Performance Computing, Cloud Computing, GitHub, LaTeX, Markdown, GitHub, Microsoft Office, WordPress.

REFERENCES

Available upon request