

# VIET NGUYEN-TIEN

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## PROFESSIONAL EXPERIENCE

### London School of Economics

*Research Economist*

**London, UK**

Mar 2020 - present

### University of Birmingham

*Faraday Institution Postdoctoral Research Fellow*

**Birmingham, UK**

Jun 2018 - Mar 2020

### University of Birmingham

*Teaching Assistant*

**Birmingham, UK**

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*

**Birmingham, UK**

Sep 2014 - Sep 2015

- Distinction degree.

### Foreign Trade University

*BA (Hons) International Business Economics*

**Hanoi, Vietnam**

Sep 2009 - Sep 2013

- First-class honours, Dean's Honour List, High Honours Awards.

## RESEARCH

### Publications

- Jones, B., Elliott, R., Nguyen-Tien, V., (2020) 'The Electric Vehicles Revolution: The Road ahead for Critical Raw Materials Demand', *Applied Energy*. (forthcoming, JIF=8.5).
- 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. (JIF = 4.5).

### Work near Submission

- Nguyen-Tien, V., Dai, Q., Harper, G., Paul, A., Elliott, R., 'Recycling electric-vehicle lithium-ion batteries: An economic and geospatial analysis for the UK'.
- Elliott, R., Nguyen-Tien, V., Strobl, E., 'Power Outages and Firm Performance in a Rapidly Developing Country: A Hydro-IV Approach for Vietnam'.

### 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.).
- 'The EV revolution: economic and policy implications for natural resource exporters in developing countries' (with Jones, B., Elliott, R.).

- ‘Do Natural Disasters Make Politicians More Environmentally Friendly? - Evidence from Environmental Legislation in the US Senate’ (with Elliott, R., Strobl, E., Tveit, T.).
- ‘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, Industrial Economics, Environmental 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 Tenth Vietnam Economists Annual Meeting, Aug 2017, Ho Chi Minh City, Vietnam.

## AWARDS

University of Birmingham	Birmingham, UK
• Birmingham Business School Doctoral Studentship (3 years).	2015-2018
• Economics Department Scholarship for PhD Student (3 years).	2015-2018
• Birmingham Business School Bursaries for Workshops and Conferences (multiple times).	2015-2018

## SELECTED SKILLS

- Statistical packages: STATA (with HPC), 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).
- Spatial analysis and GIS application: ArcGIS, ArcPy, GeoPandas.
- Secured Data Access: ONS UK Data Service Secure Lab.
- Others: LaTeX, Markdown, GitHub, R, Microsoft Office (Word, Excel, PowerPoint, Access), WordPress.

## REFERENCES

Professor Mirko Draca Department of Economics University of Warwick, UK +44 (0)24 765 23472 <a href="mailto:m.draca@warwick.ac.uk">m.draca@warwick.ac.uk</a>	Professor Robert J. R. Elliott Department of Economics University of Birmingham, UK +44 (0) 121 414 7700 <a href="mailto:r.j.elliott@bham.ac.uk">r.j.elliott@bham.ac.uk</a>	Professor Eric A. Strobl Department of Economics University of Bern, Switzerland + 41 (0) 31 631 56 35 <a href="mailto:eric.strobl@vwi.unibe.ch">eric.strobl@vwi.unibe.ch</a>
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