

LENA KILIAN

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EDUCATION

2018 - **ESRC-funded MSc + PhD (2+2), Data Analytics and Society CDT**
present University of Leeds, School of Geography, grant number: ES/S50161X/1

PhD Candidate

Estimating and Evaluating consumption-based greenhouse gas emissions of UK neighbourhoods (preliminary title), supervised by Dr. Anne Owen, Dr. Andy Newing, Dr. Diana Ivanova, and Prof. Mark Birkin

MSc Data Analytics and Society (Distinction)

2017 - **MSc Sustainable Cities** (Distinction)

2018 King's College London, Department of Geography

- Awarded Best Thesis in Sustainable Cities, 2018

2013 - **BSc Psychology, with outside papers in Sociology** (Hons, 1st Class)

2017 University of Glasgow, School of Psychology

PEER REVIEWED PUBLICATIONS

- **Kilian, L.**, Owen, A., Newing, A. and Ivanova D. *in prep.* 'Spatial patterns of transport emissions and their social drivers in London neighbourhoods'.
- **Kilian, L.**, Owen, A., Newing, A. and Ivanova D. 2020. 'Microdata selection for estimating household consumption-based emissions'. *Economic Systems Research*. <https://doi.org/10.1080/09535314.2022.2034139>

OTHER PUBLICATIONS & REPORTS

- Owen, A. and **Kilian, L.** 2020. 'Consumption-based Greenhouse Gas Emissions for Bristol 2016' [Online]. Leeds. Available from: <https://www.bristolonecity.com/wp-content/uploads/2020/05/Consumption-based-Greenhouse-Gas-Emissions-for-Bristol.pdf>.
- **Kilian, L.**, Owen, A. and Newing, A. 2019. Bespoke Report on Consumption-Based Carbon Footprints in Bristol created for ARUP and Bristol City Council.

CONFERENCE TALKS

- *Exploring spatial patterns of transport emissions and their social drivers in London neighbourhoods*, American Association for Geographers Annual Meeting 2021, New York City
- *Predicting the Impacts of COVID-19-related Income Changes on Consumption-Based Emissions of UK Neighbourhoods*, GISRUK 2021, Cardiff
- *Evaluating and comparing microdata to assess greenhouse gas emissions of UK neighbourhoods*, GWS Input-Output Workshop 2020, Osnabrück
- *Using consumer data to understand household carbon footprints in Bristol*, RSAI-BIS 2019, Cambridge
- *Understanding patterns of consumption-based greenhouse gas emissions in Bristol*, GISRUK 2019, Newcastle
- *Temporal Discounting in E-Commerce*, British Psychological Society Scottish Undergraduate Conference 2017, Edinburgh

CONFERENCE POSTER PRESENTATIONS

- *How does choice of data change greenhouse gas emission estimates?*, School of Geography Postgraduate Conference 2021, Leeds

- *How do microdata affect greenhouse gas emissions estimates? A comparison of consumption microdata for UK neighborhoods*, American Association of Geographers Annual Meeting 2021, Seattle

TEACHING EXPERIENCE

- 2020-2022 Module Demonstrator at the University of Leeds:
- Applied GIS and Retail Modelling (GEOG5937M), School of Geography
 - Big Data and Consumer Analytics (GEOG5917M), School of Geography
 - Digital Geographies (GEOG1400), School of Geography
 - Social and Spatial Data Analysis with GIS (GEOG2150), School of Geography
 - Geocomputation and Spatial Analysis (GEOG3195), School of Geography
- 2019 Module Assistant at the University of Leeds:
- Research Evaluation & Special Studies 2 (MEDI2217), School of Medicine

COMMUNITY ENGAGEMENT

- 2021 School of Geography Postgraduate Student Conference
- Conference organiser
 - Chairing 'Social Sciences' session
- 2020 - 2021 Data Science Study Group, Leeds Institute for Data Analytics,
- Organising and facilitating a study group for PGR students and interns
- 2018 - present Communications Representative, Data Analytics and Society CDT
- Sharing work from the Leeds Cohort of the Data Analytics and Society CDT with the public
- 2017 - 2018 PGT Urban Futures Reading Group, King's College London, Department of Geography
- Organised and ran reading group events for PGT students
- 2016 - 2017 Homework Club Volunteer, St Mary's Primary School, Glasgow
- Volunteered at a weekly after-school homework club at a local primary school
- 2015 - 2016 Equal Opportunities Student Ambassador and General Secretary, University of Hong Kong, Equal Opportunities Unit
- Organised events to promote social inclusion at the University of Hong Kong
 - Organised and ran weekly meetings

OTHER WORK EXPERIENCE

- 2013 - 2018 Part-time work in hospitality and video game testing at Pole to Win.

SKILLS

Programming languages and technical skills: Python, R, QGIS, MS Excel, LaTeX
 Languages: English (fluent), German (native), Mandarin (basic), Spanish (basic)

PROFESSIONAL MEMBERSHIPS

- Postgraduate Fellow at the Royal Geographical Society
- American Association of Geographers

REFERENCES

Can be provided on request