

Daniel Leppert

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EXPERIENCE

Analyst (Data Science Practice) Sep 2023 - Present
Summer Analyst Jun 2022 – Sep 2022
Oxera Consulting LLP London, UK

- Introduced logic to check formatting errors in R code for data cleaning, saving over £2,000
- Contributed geostatistics expertise which can reduce the measurement error of a gas ESO's demand forecasts by 2-3%
- Led on articles for Oxera's thought leadership series, including data analysis and graphic design, contributing 25% of company-wide series output that month
- Offered two highly rated internal presentations on a) efficient conjoint survey design and b) regulation of air pollutants

Teaching Assistant Jan 2020 – May 2022
Durham University Business School Durham, UK

- TA:d modules in environmental economics at BA and MSc levels
- Developed a browser game in Javascript to illustrate environmental land management concepts in an engaging way
- Successfully transitioned between on-site and online teaching during Covid-19 while maintaining above-average teaching evaluations around 80%

Research Team Lead Jun 2019 – Dec 2019
Swedish University of Agricultural Sciences Uppsala, SE

- Led project applying kriging interpolation to reduce risk in weather index insurance contracts by 2-3%, including data cleaning and analysis using R
- Published article in a peer-reviewed journal, gaining 3 times more citations than the journal average

EDUCATION

PhD Economics Jan 2020 – Sep 2023 (Expected)
Durham University Durham, UK

- Applied work on design of spatially targeted environmental regulation has attracted over £120,000 in from the university and research councils and featured in peer-reviewed journals

MSc Environmental Economics Aug 2017 – Jun 2019
Swedish University of Agricultural Sciences Uppsala, SE

- MSc thesis on crop insurance approved with high distinction
- Won competitive scholarship to study at ETH Zurich for a semester

Skills and interests: Proficient in Python, R and SQL, including data wrangling- and GIS libraries such as Pandas, Geopandas, Numpy, Dplyr and Rgdal. Experience with survey design in Qualtrics. Particularly passionate about data visualisation and an expert in ggplot2, including animations with ggAnimate. Fluent in Swedish and English.