DANIEL LEPPERT

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[personal webpage]

EDUCATION

Durham University | Ph.D., Economics, 2020 - present
Fields: Environmental Economics, Applied Microeconometrics | Business School PhD Scholarship (£15,000 per year + fee waiver)

Swedish University of Agricultural Sciences | M.Sc., Economics, 2017 - 2019
Thesis: *Accounting for geographic basis risk in weather index insurance* | Supervisor: Prof. Carl-Johan Lagerkvist

Linköping University | B.A., Economics, 2017

VISITS

ETH Zurich, Aug 2018 - Feb 2019
Visiting postgraduate student in Environmental Sciences | Modules: Climate modelling and prediction in R, Climate Policy, GIS, Relational Databases and SQL | 5.2 / 6.0

University College London, Aug 2014 - Jun 2015
Erasmus Scholar | Modules: Global Health Policy, Management, European Studies | 2:1

PUBLICATIONS

"Accounting for Geographic Basis Risk in Heat Index Insurance: How Spatial Interpolation Can Reduce the Cost of Risk", with Tobias Dalhaus and Carl-Johan Lagerkvist. *Weather, Climate, and Society*, 13.2 (2021): 273-286.

RESEARCH EXPERIENCE

Graduate intern | FORES (policy think tank), Stockholm, SE, Aug 2019 - Dec 2019
Policy-oriented research in the areas of climate- and energy policy on the national and EU level. Tasks included collection and analysis of data, writing briefs for management, and responsibility for weekly public seminars.

Research assistant | Economics Department, SLU, Uppsala, SE, Jun 2019 - Dec 2019
Research on geostatistical methods to reduce risk in weather index insurance contracts. Programming in R and SQL to clean and analyse data. Coordinated small research team across Uppsala and Zurich and led paper from conception to submission.

Research assistant | Ecology Department, SLU, Uppsala, SE, May 2018 - Aug 2018
Field and lab work at the department of ecology, studying populations of defoliators on pine for forestry risk management applications, with population modelling in Matlab.

Research assistant | Linköping University Medical School, Linköping, SE, Jan 2016 - Dec 2016
Administration of longitudinal health survey microdata using Stata and SQL for study on psychosocial influences on health outcomes, published in *PloS one*.

TEACHING

2020: Economics of Sustainability (UG) (Durham)
2021: Economics of Sustainability (UG), Environmental Economics and Policy (UG, PG) (Durham)

GRANTS
2021: Durham University Seedcorn Grant (£20,700)

SERVICE

Referee: *European Review of Agricultural Economics*, European Association of Agricultural Economics (EAAE)

SKILLS

Computer skills: R (experienced; including GIS with *gstat-* and *sp* packages), Python (beginner; pandas, geopandas, numpy), SQL
Languages: English (Fluent), Swedish (Native)