

DANIEL LEPPERT

University College || New Kepier Court, DH1 1NY Durham || daniel.j.leppert@durham.ac.uk

[\[personal webpage\]](#)

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*, with Distinction | 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, Databases | 5.2 / 6.0

University College London, Aug 2014 - Jun 2015

Erasmus Scholar | Modules: Global Health Policy, Management, European Studies | 2:1

REFERENCES

[Carl-Johan Lagervist](#), Professor of Business Economics, SLU, Sweden

[Tobias Dalhaus](#), Assistant Professor, Wageningen University and Research, Netherlands

[Riccardo Scarpa](#), Professor of Economics, Durham University, UK

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 in R and Python, 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 shows that pest outbreaks and associated damages in the forestry sector may increase in a warming climate, specifically during mild winters.

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: Introduction to Environmental Economics, Economics of Sustainability (Durham)
2021: Economics of Sustainability (Durham)

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. Accepted to *Weather, Climate, and Society*, Feb 2021.

SERVICE

Referee: European Association of Agricultural Economics (EAAE)

SKILLS

Computer skills: R (including GIS with *gstat*- and *sp* packages), Python, Stata, SQL
Languages: English (Fluent), Swedish (Native), Spanish (Basic)