CURRICULUM VITAE

Lukas Vashold

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EDUCATION

Vienna University of Economics and Business   *since September 2020*
PhD in Economics
Working title: *Essays in Environmental Economics*
Supervisor: Univ.Prof. Dr. Jesús Crespo Cuaresma

FGV EESP – Escola de Economia de São Paulo   *September 2024 – December 2024*
Research Visit, hosted by Rafael Araujo

University of Oxford   *October 2023 – November 2023*
Research Visit, hosted by Michael Obersteiner

Vienna University of Economics and Business   *October 2017 – June 2020*
Master of Science, Economics

University College Cork   *September 2016 - December 2016*
Exchange Semester

Vienna University of Economics and Business   *October 2013 - July 2017*
Bachelor of Science, Economics

AREAS OF RESEARCH INTEREST

Environmental economics, applied econometrics, spatial data analysis

PROFESSIONAL EXPERIENCE

Vienna University of Economics and Business   since September 2020
Teaching and Research Associate – Department of Economics

World Data Lab   since November 2021
Senior Data Scientist – Data Lead "World Emissions Clock"

The World Bank Group   October 2020 – February 2022
Research Consultant – Environment and Natural Resources Unit

Oesterreichische Nationalbank (OeNB)   January 2020 – December 2020
Research Consultant – Foreign Research Division

Oesterreichische Nationalbank (OeNB)   March 2019 – August 2019
Research Assistant – Foreign Research Division

Vienna University of Economics and Business   October 2019 – July 2020
Tutor – Institute for Macroeconomics, International Economics, Mathematics

Raiffeisen Bank International (RBI) AG   September 2017 – December 2018
Research assistant – Division Economics/FX/Fixed Income

RESEARCH

Working Papers

The heterogeneous effects of macroprudential policies in Central, Eastern, and Southeastern Europe, Revise & Resubmit at Economic Modeling.

Mapping Mining Areas in the Tropics from 2016–2024, with N Kuschnig and P Sepin, Submitted.

Mines – Rivers – Yields: Downstream Mining Impacts on Agriculture in Africa, with M Heinze, N Kuschnig and G Pirich, Submitted.

Work in progress

Man Eats Forest — Impacts of Agricultural Demand on Amazon Deforestation, grant received from *Hochschuljubiläumsfonds der Stadt Wien* (EUR 5,000), with N Kuschnig

Impacts of fuel prices on air pollution – a global-scale investigation, grant received from *Small scale Projects by WU junior faculty* (EUR 4,860) & *Heinrich Graf Hardegg'sche Foundation* (EUR 3,500)

The Saturated Bayesian: A Probabilistic Break Detection Framework, with LD Konrad and J Crespo Cuaresma

PUBLICATIONS

Academic Journals

A unified modelling framework for projecting sectoral greenhouse gas emissions, with J Crespo Cuaresma, *Communications Earth & Environment*, Volume 5(139), 2024.

Resilient deforestation interventions – evidence from Brazil's lost decade, with N Kuschnig, A Soterroni, and M Obersteiner, *Environmental Research Letters*, 18 074039, 2023.

BVAR: Bayesian vector autoregressions with hierarchical prior selection in R, with N Kuschnig, *Journal of Statistical Software*, Volume 100(14), 2021.

The impact of macroprudential policies on capital flows in CESEE, with M Eller, N Hauzenberger, F Huber and H Schuberth. *Journal of International Money and Finance*, 102495, 2021.

Institutional Journals

CESEE's macroprudential policy response in the wake of the COVID-19 crisis, with M Eller and R Martin, *Focus on European Economic Integration*, Q1/2021

Macroprudential policies in CESEE – an intensity-adjusted approach, with M Eller, R Martin and H Schuberth, *Focus on European Economic Integration*, Q2/2020

Other Publications

The economic impacts of malaria: past, present, and future, with N Kuschnig, In: *Planetary health approaches to understand and control vector-borne diseases*, Brill / Wageningen Academic, 2023.

Blue Skies, Blue Seas: Air pollution, marine plastics, and coastal erosion in the Middle East and North Africa, with M Heger, A Palacios, M Alahmadi, MA Bromhead, and M Acerbi, *MENA Development Report*. The World Bank Group, 2022.

Did macroprudential policies play a role in stabilizing the credit and capital flow cycle in CESEE?, with M Eller and H Schuberth, In: *30 Years of Transition in Europe*, Cheltenham/Northampton: Edward Elgar, 2020.

PRESENTATIONS

2020/02 - *Capital flows and the stabilizing role of macroprudential policies in CESEE.* Annual Meeting of the Austrian Economic Association (NOeG). Vienna, Austria

2020/07 - *BVAR: Hierarchical Bayesian vector autoregression with hierarchical prior selection in R.* useR! 2020 The R User Conference. St. Louis, United States (online, joint with N Kuschnig)

2021/05 - *The impact of macroprudential policies on capital flows in CESEE.* WU Economics Research Seminar 2021. Vienna, Austria

2022/06 - *Forecasting sectoral greenhouse gas emission for a global panel.* EcoSta2022. Kyoto, Japan.

2022/08 - *Forecasting sectoral greenhouse gas emission for a global panel.* 11th Congress of the Asian Association of Environmental and Resource Economics (AAERE). Ho Chi Minh City, Vietnam.

2022/12 - *A unified modelling framework for projecting sectoral greenhouse gas emissions.* Wittgenstein Centre Conference 2022. Vienna, Austria

2023/01 - *A unified modelling framework for projecting sectoral greenhouse gas emissions.* WU Economics Research Seminar 2023. Vienna, Austria

2023/04 - *A unified modelling framework for projecting sectoral greenhouse gas emissions.* Royal Economic Society Annual Meeting 2023. Glasgow, United Kingdom

2023/08 - *Cattle pasture in the Amazon — an end in itself or a means for land appropriation?.* 62nd Congress of the European Regional Science Association. Alicante, Spain.

2023/09 - *Cattle pasture in the Amazon — an end in itself or a means for land appropriation?.* Annual Meeting of the Austrian Economic Association (NOeG). Salzburg, Austria.

2023/09 - *The dynamics of cattle expansion and deforestation in the Brazilian Amazon.* Environmental Change Institute (ECI) Seminar Series. Oxford, United Kingdom.

2024/01 - *The dynamics of cattle expansion and deforestation in the Brazilian Amazon.* WU Economics Research Seminar. Vienna, Austria.

2024/01 - *A unified modelling framework for projecting sectoral greenhouse gas emissions.* CEPR FGN Workshop – Sustainability and Public Policy. St. Gallen, Switzerland

2024/03 - *The dynamics of cattle expansion and deforestation in the Brazilian Amazon.* Royal Economic Society Annual Meeting 2024. Belfast, United Kingdom.

2024/04 - *The dynamics of cattle expansion and deforestation in the Brazilian Amazon.* Environmental Economics: A Focus on Natural Resources 2024. Orleans, France.

2024/04 - *Man Eats Forest — Impacts of Agricultural Demand on Amazon Deforestation.* CEU Vienna PhD Workshop. Vienna, Austria.

2024/05 - *Man Eats Forest — Impacts of Agricultural Demand on Amazon Deforestation.* AERE Summer Meeting 2024. Washington DC, USA.

2024/05 - *Man Eats Forest — Impacts of Agricultural Demand on Amazon Deforestation.* IAAE Annual Conference 2024. Thessaloniki, Greece.

2024/08 - *Man Eats Forest — Impacts of Agricultural Demand on Amazon Deforestation.* 63rd Congress of the European Regional Science Association. Angra do Heroismo, Portugal.

2024/11 - *Man Eats Forest — Impacts of Agricultural Demand on Amazon Deforestation.* LACEA-LAMES Meeting 2024. Montevideo, Uruguay.

TEACHING

Applied Econometrics (Bachelor level)   summer term 2021, 2023
Vienna University of Economics and Business

International Macroeconomics (Bachelor level)   various terms 2021–2024
Vienna University of Economics and Business

Econometrics I (Master level)   winter term 2021/22
Central European University

Advanced Macroeconometrics (Master level)   summer term 2022, 2023
Vienna University of Economics and Business

Spatial Economics (Master level)   summer term 2024
Vienna University of Economics and Business