

CURRICULUM VITAE

Lukas Vashold

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EDUCATION

Vienna University of Economics and Business PhD in Economics Working title: <i>Essays in Environmental Economics</i> Supervisor: Univ.Prof. Dr. Jesús Crespo Cuaresma	<i>since September 2020</i>
FGV EESP – Escola de Economia de São Paulo Research Visit, Department of Economics	<i>September 2024 – December 2024</i>
University of Oxford Research Visit, Environmental Change Institute	<i>October 2023 – November 2023</i>
Vienna University of Economics and Business Master of Science, Economics	<i>October 2017 – June 2020</i>
University College Cork Exchange Semester	<i>September 2016 - December 2016</i>
Vienna University of Economics and Business Bachelor of Science, Economics	<i>October 2013 - July 2017</i>

AREAS OF RESEARCH INTEREST

Environmental economics, applied econometrics, macroeconomics and macroeconometrics, Bayesian data analysis, spatial econometrics

PROFESSIONAL EXPERIENCE

Vienna University of Economics and Business <i>Teaching and Research Associate – Department of Economics</i>	<i>since September 2020</i>
World Data Lab <i>Senior Data Scientist – Data Lead “World Emissions Clock”</i>	<i>since November 2021</i>
The World Bank Group <i>Research Consultant – Environment and Natural Resources Unit</i>	<i>October 2020 – February 2022</i>
Oesterreichische Nationalbank (OeNB) <i>Research Consultant – Foreign Research Division</i>	<i>January 2020 – December 2020</i>
Oesterreichische Nationalbank (OeNB) <i>Research Assistant – Foreign Research Division</i>	<i>March 2019 – August 2019</i>
Vienna University of Economics and Business <i>Tutor – Institute for Macroeconomics, International Economics, Mathematics</i>	<i>October 2019 – July 2020</i>
Raiffeisen Bank International (RBI) AG <i>Research assistant – Division Economics/FX/Fixed Income</i>	<i>September 2017 – December 2018</i>

RESEARCH

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

Evaluating the Effectiveness of REDD+ projects globally, with LD Konrad, N Kuschnig and U Wohak

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 Sotteroni, 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, *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, *Middle East and North Africa Development Report*. The World Bank Group, 2022.

Disappearing coasts in the Maghreb: Coastal erosion and its costs, with M Heger, *Maghreb Technical Notes Series*. The World Bank Group, 2021.

Did macroprudential policies play a role in stabilizing the credit and capital flow cycle in CESEE?, with M Eller and H Schuberth, In: Holzmann, R., D. Ritzberger-Grünwald and H. Schuberth (eds.). *30 Years of Transition in Europe: Looking Back and Looking Beyond in CESEE Countries*, Cheltenham/Northampton: Edward Elgar.

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)

Vienna University of Economics and Business

summer term 2021, 2023

International Macroeconomics (Bachelor level)

Vienna University of Economics and Business

various terms 2021–2024

Econometrics I (Master level)

Central European University

winter term 2021/22

Advanced Macroeconometrics (Master level)

Vienna University of Economics and Business

summer term 2022, 2023

Spatial Economics (Master level)

Vienna University of Economics and Business

summer term 2024