

Lukas Vashold

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Work Address: WU Vienna, Welthandelsplatz 1, 1020 Vienna, Austria

RESEARCH INTERESTS

Environmental economics, applied econometrics, spatial data analysis, causal inference

EDUCATION

Vienna University of Economics and Business *since September 2020*
PhD in Economics *successfully defended 04/08/2025*

Dissertation title: *Essays in Environmental Economics*

Comitee: Jesús Crespo Cuaresma, Juliano Assunção, Michael Obersteiner

Monash University *November 2025 – December 2025*
Research Visit, hosted by Paul Raschky

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 2013 – June 2020*
Master of Science, Economics

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

Exchange semester, University College Cork *September 2016 - December 2016*

POSITIONS

Vienna University of Economics and Business *since December 2022*
Research Fellow – Institute for Ecological Economics

Vienna University of Economics and Business *September 2020 – August 2025*
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) *March 2019 – December 2020*
Research Assistant/Consultant – Foreign Research Division

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

CURRENT RESEARCH

Working Papers

Mines – Rivers – Yields: Downstream Mining Impacts on Agriculture in Africa, with M Heinze, N Kuschnig and G Pirich, *Revise & Resubmit at Journal of Development Economics*. WP

Mapping Mining Areas in the Tropics from 2016–2024, with N Kuschnig and P Sepin, *Conditionally Accepted at Nature Sustainability*. WP

Work in progress

Butchering Environment and Health — Impacts of Slaughterhouse Openings in Brazil

Man Eats Forest — Impacts of Agricultural Demand on Amazon Deforestation, with N Kuschnig

Impacts of fuel prices on air pollution – a global-scale investigation

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

PEER-REVIEWED PUBLICATIONS

Heterogeneous responses of capital flows to macroprudential policies: Evidence from Central, Eastern, and Southeastern Europe, *Economic Modeling*, Volume 151, 2025. DOI

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

Resilient deforestation interventions – evidence from Brazil’s lost decade, with N Kuschnig, A Soterioni, and M Obersteiner, *Environmental Research Letters*, Volume 18(7), 2023. DOI

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

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*, Volume 119, 2021. DOI

OTHER PUBLICATIONS

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

Books, book chapters

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

2025

EEA 2025, European Economic Association (FRA); **EAERE** 2025, Association of Environmental and Resource Economists (NOR); **WU**, Vienna PhD workshop (AUT)

2024

LACEA-LAMES 2024, Econometric Society (URY); **CPI/PUC-Rio** 2024, Climate Policy Initiative (BRA); **FGV-EPGE** 2024, FGV-EPGE Seminar Series (BRA); **FGV-EESP** 2024, FGV-EESP Seminar Series (BRA); **ERSA** 2024, European Regional Science Association (PRT); **IAAE** 2024, International Association of Applied Econometrics (GRC); **AERE** 2024, Association of Environmental and Resource Economists (USA); **CEU**, Vienna PhD workshop (AUT); **EENR** 2024, Environmental Economics: A Focus on Natural Resources (FRA); **RES** 2024, Royal Economic Society (GBR); **CEPR-FGN**, Sustainability and Public Policy (CHE)

2023

ECI, Environmental Change Institute Seminar Series (GBR); **NOeG** 2023, Austrian Economic Association (AUT); **ERSA** 2023, European Regional Science Association (ESP); **RES** 2023, Royal Economic Society (GBR)

2022 and before

WCC 2022, Wittgenstein Centre (AUT); **AAERE** 2021, Asian Association of Environmental and Resource Economics (VNM); **EcoSta** 2021, Econometrics and Statistics (online); **useR!** 2020, R User Conference (online); **NOeG** 2020, Austrian Economic Association (AUT)

TEACHING

Applied Econometrics (Bachelor level) <i>Vienna University of Economics and Business</i>	summer terms 2021, 2023
International Macroeconomics (Bachelor level) <i>Vienna University of Economics and Business</i>	various terms 2021–2025
Econometrics I (Master level) <i>Central European University</i>	winter term 2021/22
Advanced Macroeconometrics (Master level) <i>Vienna University of Economics and Business</i>	summer terms 2022, 2023
Spatial Economics (Master level) <i>Vienna University of Economics and Business</i>	summer terms 2024, 2025

RESEARCH GRANTS AND AWARDS

WU International Research Fellowship	EUR 3,300; EUR 3,500; EUR 2,500
WU Mobility Scholarship	EUR 2,000
Nowotny Mobility Grant	EUR 1,700
Hochschuljubiläumsfonds der Stadt Wien	EUR 5,000
Small scale Projects by WU junior faculty	EUR 4,860
Fellowship “Heinrich Graf Hardegg’sche Foundation”	EUR 3,500