STEPHAN THIES

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EDUCATION

Columbia University 2020 - 2027 *(expected)*
PhD, Sustainable Development
Fields: Environmental Economics, Spatial and Urban Economics

London School of Economics 2024 - 2025
Visiting Research Student, Economics Department

Barcelona Graduate School of Economics 2018 - 2019
MA in International Trade, Finance, and Development

Imperial College London 2016 - 2017
MSc in Statistics

Freie Universität Berlin 2012 - 2016
BSc in Economics

REFERENCES

Donald R. Davis
Professor of Economics
Columbia University
drdavis@columbia.edu

Jonathan Dingel
Professor of Economics
Columbia University
j.dingel@columbia.edu

Robert Metcalfe
Professor of International and Public Affairs
Columbia University
robert.metcalfe@columbia.edu

Jeffrey Shrader
Professor of International and Public Affairs
Columbia University
jgs2103@columbia.edu

PUBLICATIONS

Weather Forecasts Become More Important for Reducing Mortality as the Climate Warms
(with Laura Bakkensen, Derek Lemoine, Manuel Linsenmeier, and Jeffrey Shrader) *PNAS, 2026*

WORKING PAPERS

Segregation, Spillovers, and the Locus of Racial Change
(with Don Davis and Matthew Easton) *NBER Working Paper 34246*

WORK IN PROGRESS

The Welfare Effects of Traffic Calming: Evidence from London's 20 mph Limits

Long-Term Health Impacts of Air Pollution Exposure on the London Underground
(with Adam Dennett, Pia Hardelid, Laura Horsfall, John Hurst, Calum Kennedy, Matthew Loxham, Nicola Shelton, Jemima Stockton, and Jonathan Taylor)

Public Transit Pricing and Labor Market Monopsony Power
(with Johannes Brinkmann, Andreas Filser, and Irakli Sauer)

PREDOCTORAL RESEARCH

[1] Flood impacts on urban transit and accessibility — A case study of Kinshasa (with Yiyi He, Paolo Avner, and Jun Rentschler) *Transportation Research Part D: Transport and Environment, 2021*

[2] Gender Dimensions of Disaster Risk and Resilience: Existing Evidence (with Alvina Erman, Sophie Anne de Vries Robbe, Kayenat Kabir, and Mirai Maruo) *World Bank Report, 2021*

[3] Floods and their Impacts on Firms: Evidence from Tanzania (with Jun Rentschler, Ella Jisun Kim, Sophie Anne De Vries Robbe, Alvina Erman, and Stephane Hallegatte)
World Bank Policy Research Working Paper, 2021

[4] Household Level Effects of Flooding. Evidence from Thailand (with Zhuldyz Ashikbayeva, Marei Fürstenberg, Timo Kapelari and Albert Pierres) *MA thesis published as TVSEP Working Paper, 2020*

[5] A Gini approach to spatial CO2 emissions (with Bin Zhou, Ramana Gudipudi, Matthias Lüdeke, Jürgen Kropp, and Diego Rybski) *PLOS One, 2020*

WORK EXPERIENCE

World Bank, Global Facility for Disaster Reduction and Recovery 2019 - 2020
Consultant, Analytics Team

Potsdam Institute for Climate Impact Research 2017 - 2018
Research Assistant, Climate Change and Development Division, Cities Flagship

RESEARCH AND TEACHING EXPERIENCE

Graduate Research Assistant at Columbia University:

Prof. Jeffrey Shrader	Fall 2023 - Spring 2025
Prof. Donald R. Davis	Summer 2023

Teaching Fellow at Columbia University:

Economics of New York City (undergrad), Prof. Donald R. Davis	Spring 2026
Macroeconometrics (MPA), Prof. Seyhan Erden	Spring 2022, Spring 2023
Principles of Economics (undergrad), Prof. Waseem Noor	Fall 2022
Science for Sustainable Development (undergrad), Prof. John Mutter	Fall 2021

Teaching Assistant at Freie Universität Berlin (all undergraduate level):

Microeconomics I, Prof. Helmut Bester	Spring 2014, Spring 2015
Schools of Economic Thought and Controversies in Economics, Prof. Leonhard Dobusch	Fall 2015
Introduction to Business Administration, Prof. Leonhard Dobusch	Fall 2013

SEMINAR AND CONFERENCE PRESENTATIONS

2026: Workshop on Transport Economics and the Environment Uppsala
2025: EAERE Bergen
2024: UEA Washington DC, EEA-ESEM Rotterdam, IEB Urban Economics Workshop, UEA Copenhagen, LSE Environment Hour, CEPR Spatial Disparities RPN Workshop, Columbia & NYU Segregation Mini-Conference

PROFESSIONAL SERVICE

Referee	Science, Journal of Urban Economics
Conferences	Interdisciplinary PhD Workshop in Sustainable Development 2023 (*lead organizer*) Alliance Summer School in Sustainable Development 2021 (*co-organizer*)
Other	Vice President of the Sustainable Development Doctoral Society, 2022-2023

SKILLS

Programming	R, Julia, Python, Stata, Matlab, Git, bash, QGIS
Word processing	LaTeX, MS Office
Languages	English (fluent), German (native), Spanish (basic), French (basic)

HONORS AND ACHIEVEMENTS

Dean's fellowship by Columbia's Graduate School of Arts and Science	2020 - 2026
Scholarship by the German Academic Scholarship Foundation	2015 - 2019
75% Tuition fee waiver by Barcelona GSE for outstanding academic record	2018 - 2019

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