# STEPHAN THIES

stephan.thies@columbia.edu ⋄ www.stephan-thies.com

## EDUCATION

**Columbia University**                                         2020 - 2026 *(expected)*
*PhD in Sustainable Development*

| | |
|---|---|
| Economics PhD: | Core Microeconomics and Econometrics Sequence, Economic Geography, International Trade, Environmental Economics, Industrial Organization |
| Science courses: | Air Pollution and the Global Burden of Disease, Atmospheric Science, Environmental Data Analysis, Transportation Planning |

**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*

## RESEARCH INTEREST

**Urban and Spatial Economics, Environmental Economics, Empirical IO**

## WORKING PAPERS

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

## WORK IN PROGRESS

**Weather Forecasts and Projected Mortality from Climate Change**
(with Laura Bakkensen, Derek Lemoine, Manuel Linsenmeier, and Jeffrey Shrader)

**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)

## 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*:
| | |
|---|---|
| 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

## 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

## SEMINAR AND CONFERENCE PRESENTATIONS

**2025**:   EAERE Bergen
**2024**:   UEA Washington DC, EEA-ESEM Rotterdam, IEB Urban Economics Workshop,
         UEA Copenhagen, LSE Environmental Hour, CEPR Spatial Disparities RPN Workshop,
         Columbia & NYU Segregation Mini-Conference
**2023**:   Sustainable Development Colloquium, International Trade Colloquium, and IO Colloquium
         (all at Columbia)

## 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, and Alvina Erman) *World Bank Policy Research Working Paper, 2021.*

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

[5] A Gini approach to spatial $CO_2$ emissions (with Bin Zhou, Ramana Gudipudi, Matthias Lüdeke, Jürgen Kropp, and Diego Rybski) *PLOS ONE, 2020*

## 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, QGIS |
| **Word processing** | LaTeX, MS Office |
| **Languages** | English (Fluent), German (Native), Spanish (Basic, A2), French (Basic) |

## HONOURS AND ACHIEVEMENTS

Dean's fellowship by Columbia's Graduate School of Arts and Science     2020 - 2025
Scholarship by the German Academic Scholarship Foundation     2015 - 2019
75% Tuition fee waiver by the Barcelona GSE faculty for outstanding academic record     2018 - 2019

*Last updated September, 2025*