

# DOMINIK NAEHER

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## RESEARCH AREAS

Development Economics, Microeconomics, Information Economics, Sustainability & Environment

## ACADEMIC POSITIONS

<b>Interim Professor of Development Economics</b> , University of Göttingen	since 10/2024
<b>Postdoctoral Researcher</b> at the chair of Prof. S. Vollmer, University of Göttingen	08/2021 - 09/2024
<b>Assistant Professor</b> , School of Economics, University College Dublin	08/2018 - 07/2021
<b>Doctoral Researcher</b> at the chair of Prof. M. Schündeln, Goethe University Frankfurt	10/2014 - 07/2018
<b>Research Assistant</b> to Prof. A. Schabert and Prof. L. Linnemann, TU Dortmund	04/2011 - 09/2013

## VISITING POSITIONS

Visiting Lecturer, Stellenbosch University, South Africa	10/2023
Visiting Lecturer, University of Clermont Auvergne, France	05/2023
Visiting Scholar, University of Vienna, Austria	09/2020
Visiting Scholar, Asian Institute of Technology, Bangkok, Thailand	02/2020 - 04/2020
Visiting Scholar, Center for Evaluation and Development, Mannheim, Germany	01/2019 - 02/2019
Visiting Lecturer, Pyongyang University of Science and Technology, DPR Korea	03/2017 - 06/2017
Visiting Scholar, African Center for Economic Transformation, Accra, Ghana	02/2017

## POLICY ADVICE AND CONSULTING WORK

<b>World Bank</b> , Washington, D.C.	
Senior Economist Consultant (part time), Equitable Growth, Finance, and Institutions Practice Group	since 05/2023
Consultant (part time), Independent Evaluation Group	06/2018 - 06/2023
Operations Officer (Carlo Schmid Fellow), Operations Policy and Country Services	09/2016 - 02/2017
<b>European Bank for Reconstruction and Development</b> , London, UK	
Consultant (part time), Impact & Results Management Unit	06/2023 - 01/2024
<b>African Center for Economic Transformation</b> , Accra, Ghana	
Member of the Technical Advisory Group for DEPTH 2.0	07/2023 - 04/2025
<b>Asian Development Bank</b> , Manila, Philippines	
Consultant (part time), ADB European Representative Office	12/2015 - 08/2016
Intern, Independent Evaluation Department	02/2015 - 04/2015

## OTHER PROFESSIONAL EXPERIENCE

<b>Center for Financial Studies</b> , Goethe University Frankfurt, Germany	
Research Assistant, Sustainable Architecture for Finance in Europe	10/2013 - 09/2014
<b>Fraunhofer Institute for Material Flow and Logistics</b> , Dortmund, Germany	
Research Assistant, Department of Intralogistics and IT Planning	05/2011 - 11/2011
<b>KfW Development Bank</b> , Managua, Nicaragua	
Intern, Financial Cooperation	01/2011 - 03/2011
<b>Signal Iduna Insurance Group</b> , Dortmund, Germany	
Intern, Department of Actuarial Controlling	03/2009
<b>Dr. Bergmann - Dr. Rohde &amp; Consulting Group</b> , Bochum, Germany	
Student Assistant, Data Analysis Center	04/2007 - 01/2008

**EDUCATION**

<b>PhD in Economics</b> ( <i>summa cum laude</i> ), Goethe University Frankfurt (GSEFM)	06/2018
Thesis committee: Matthias Schündeln, Mirko Wiederholt, Philipp Harms, Andreas Grunewald	
<b>Graduate Diploma in International Relations</b> , University of London (LSE)	08/2016
<b>MSc Quantitative Economics</b> , Goethe University Frankfurt	04/2016
<b>MSc Economics</b> , TU Dortmund University, Germany	08/2013
Visiting Student, Complutense University of Madrid, Spain	Spring 2012
<b>BSc Business Mathematics</b> , TU Dortmund University	08/2011
Visiting Student, University of Iowa, Iowa City, USA	Fall 2010

**CORE PUBLICATIONS**

- [1] The Political Economy of Patent Buyouts (with Amal Ahmad, Sebastian Vollmer), *RAND Journal of Economics*, Accepted for publication.
- [2] General vs. Tailored Information for Technology Adoption: Evidence from a Cluster Randomized Controlled Trial in India (with Sebastian Vollmer), *Journal of Development Economics*, Accepted (pre-results track).
- [3] Technology Adoption under Costly Information Processing, *International Economic Review*, 2022, 63(2), 699-753.
- [4] The Demand for Advice: Theory and Empirical Evidence from Farmers in Sub-Saharan Africa (with Matthias Schündeln), *World Bank Economic Review*, 2022, 36(1), 91-113. [*World Bank Policy Research Working Paper*, No. 9532].
- [5] The Social Planning Problem with Costly Information Processing: Towards Understanding Production Decisions in Centralized Economies, *Economica*, 2023, 90(357), 285-314.

**OTHER PEER-REVIEWED JOURNAL ARTICLES**

- [6] Does Adoption of Zero Tillage Reduce Crop Residue Burning? Evidence from Satellite Remote Sensing and Household Survey Data in India (with Virginia Ziulu), *Applied Economics*, forthcoming.
- [7] Fiscal Pro-Cyclicalities Revisited: Global, Regional, and Country-Level Evidence with a Spotlight on MENA (with Želko Bogetić), *Economic Analysis and Policy*, 87(2025), 569-584. [*World Bank Policy Research Working Paper*, No. 10959].
- [8] Evaluating Accession Decisions in Customs Unions: A Dynamic Machine Learning Approach (with Philippe De Lombaerde, Takfarinas Saber), *International Economics and Economic Policy*, 2025, 22(2), 1-27. [*UNU-CRIS Working Paper*, No. 24-04].
- [9] Cash for Coolers or Sustainable Lighting? Assessing Different Components of a Large-Scale Energy Efficiency Program in Mexico (with Raghavan Narayanan, Virginia Ziulu), *Journal of Development Studies*, 2024, 60(4), 479-493.
- [10] The Good, the Bad, and the Ugly: New Evidence on Alternative Views of Corruption (with Želko Bogetić), *Applied Economics*, 2024, 56(33), 4019-4032.
- [11] The Relevance of Development Policies to Confront Crisis Situations: World Bank's Early Response to Covid-19 (with Raghavan Narayanan, Virginia Ziulu), *Journal of Policy Modeling*, 2024, 46(5), 847-866. [*World Bank Policy Research Working Paper*, No. 9935].
- [12] Corruption and Government Revenue: Evidence of a Non-Linear Relationship Driven by Crises (with Želko Bogetić), *Journal of Applied Economics*, 2024, 27(1), 1-17.
- [13] Intelligent Computational Methods for Economics: Editorial (with Takfarinas Saber, Malika Bendeche), *Expert Systems*, 2024, 41(2), e13523.
- [14] Regional Economic Integration and Machine Learning: Policy Insights from the Review of Literature (with Philippe De Lombaerde, Takfarinas Saber, Hung Vo), *Journal of Policy Modeling*, 2023, 45(5), 1077-1097.
- [15] On the Optimal Size and Composition of Customs Unions: An Evolutionary Approach (with Philippe De Lombaerde, Takfarinas Saber), *Computational Economics*, 2023, 62, 1457-1479.

- [16] Impacts of Energy Efficiency Projects in Developing Countries: Evidence from a Spatial Difference-in-Differences Analysis in Malawi (with Raghavan Narayanan, Virginia Ziulu), *Energy for Sustainable Development*, 2023, 73, 365-375. [World Bank Policy Research Working Paper, No. 9842].
- [17] Measuring Untapped Revenue Potential in Developing Countries: Cross-Country Frontier and Panel Data Analysis (with Željko Bogetić, Raghavan Narayanan), *Journal of Public Finance & Public Choice*, 2023, 38(1), 89-127. [World Bank Policy Research Working Paper, No. 9776].
- [18] Attracting Private Capital for Development: Are Poorer Countries Less Efficient? (with Raghavan Narayanan), *International Economics and Economic Policy*, 2023, 20, 1-26.
- [19] Do Democracies Perform Worse During Pandemics? Evidence from 2020 (with Yuyang He), *Economics Bulletin*, 2022, 42(3), 1681-1687.
- [20] Regional Integration Clusters and Optimum Customs Unions: A Machine Learning Approach (with Philippe De Lombaerde, Takfarinas Saber), *Journal of Economic Integration*, 2021, 36(2), 262-281. [UNU-CRIS Working Paper, No. 21-04].
- [21] Untapped Regional Integration Potential: A Global Frontier Analysis (with Raghavan Narayanan), *Journal of International Trade & Economic Development*, 2020, 29(6), 722-747.
- [22] An Empirical Estimation of Asia's Untapped Regional Integration Potential Using Data Envelopment Analysis, *Asian Development Review*, 2015, 32(2), 178-195. [ADB Economics Working Paper, No. 445].

#### DATASET (PEER-REVIEWED)

- [23] Household and Plot-Level Survey Data on Adoption, Outcomes, and Perceptions of Early Sown Wheat and Zero Tillage in Northwest India (with Basma Albanna, Abhijeet Kumar, Sebastian Vollmer), *Scientific Data*, 2023, 10(516), 1-5.

#### BOOK CHAPTERS

- [24] Applications of Data Envelopment Analysis to Evaluate Resource Mobilization and Regional Integration Outcomes: Recent Trends and Future Challenges (with Raghavan Narayanan). In: *Handbook on Data Envelopment Analysis in Business, Finance, and Sustainability: Recent Trends and Developments*, S. Boubaker and T. Ngo (Eds.), World Scientific, 2024.
- [25] Hunger, Food Insecurity, and Poverty Traps: Theory and Empirical Evidence from Developing Countries. In: *Economics in Action: Topics and Resources*, T. Brancaccio et al. (Eds.), McGraw-Hill, 2019.

#### WORKING PAPERS

- Backfiring Effects of Category-Specific Information Provision in a Pricing Model with Rationally Inattentive Buyers (with Sergey Turlo).
- Assessing the Adoption and Outcomes of Early-Sown Wheat Varieties in Northwest India (with Basma Albanna, Gunnar Hesch, Daniel Otto, Mohammad Hassan, Meha Jain, Sebastian Vollmer, Hanna Ewell, Raphael Nawrotzki), *International Journal of Agricultural Sustainability*, R&R.
- The Long-term Consequences of the Global 1918 Influenza Pandemic: A Systematic Analysis of Census Data from 51 Countries (with Juditha Wójcik, Christian Bommer, Sebastian Vollmer).
- Countercyclical Fiscal Policy, Women, and the Poor (with Željko Bogetić, Shiyun Hu, Luan Zhao, Yahui Zhao).

#### WORK IN PROGRESS

- The Effect of Improvements in Agricultural Productivity on Child Labor: Theory and Empirical Evidence from the Green Revolution (with Matthias Schündeln).
- Drought and Intimate Partner Violence: Quasi-Experimental Evidence from Kenya (with Hanne Schwabe).
- Rain and Children: The Effect of Climate Change on Fertility in Tanzania (with Geoffrey Mushibi).
- The Economic Lives of the Poor Revisited (with Sebastian Vollmer).

**CONTRIBUTIONS TO POLICY REPORTS**

- Development Outcomes in Oil- and Gas-Rich MENA Countries. In: *Prosperity Unearthed: Wealth-Sharing Mechanisms for Peace and Equitable Growth in the Middle East and North Africa*, World Bank, 2025.
- Fiscal Policy Cyclicity in Gulf Cooperation Council. In: *Gulf Economic Update (December 2024): Navigating the Water Challenge in the GCC - Paths to Sustainable Solution*, World Bank, 2024.
- Impact Assessment of Two Energy Efficiency Projects in Malawi and Mexico. In: *World Bank Group Support to Demand-Side Energy Efficiency: An Independent Evaluation*, World Bank, 2023.
- Relevance of the World Bank Group's Early Response to COVID-19: A Cross-Country Sector Analysis. In: *The World Bank Group's Early Support to Addressing the Coronavirus (COVID-19) Economic Response: An Early-Stage Evaluation*, World Bank, 2023.
- Cross-Country Analysis of Domestic Revenue Mobilization Efficiency in Low- and Middle-Income Countries. In: *World Bank Support for Domestic Revenue Mobilization: An Independent Evaluation*, World Bank, 2023.
- Frontier Analysis of World Bank Group Approaches to Private Capital Mobilization. In: *World Bank Group Approaches to Mobilize Private Capital for Development: An Independent Evaluation*, World Bank, 2020.
- Fostering Regional Integration: Global Comparison and Frontier Analysis of Untapped Potential. In: *Two to Tango: An Evaluation of World Bank Group Support to Fostering Regional Integration*, World Bank, 2019.
- Status of Global, Regional and Subregional Integration Efforts. In: *Thematic Evaluation Study on ADB's Efforts on Regional Cooperation and Integration*, Asian Development Bank, 2015.

**TEACHING****University of Göttingen** (Germany): *Lecturer*

- Poverty and Inequality (Master), Winter 2021/22, 2022/23, 2023/24, 2024/25
- Quasi-Experiments in Development Economics (Master), Summer 2025
- Microeconomics II (Bachelor), Summer 2023
- Introduction to Sustainable Development Studies (Bachelor), Winter 2024/25
- Planetary Health (Bachelor), Winter 2024/25
- Introduction to Global Health (Bachelor), Summer 2022, 2023, 2024, 2025
- Interdisciplinary Studies of Modern India (Master Seminar), Winter 2024/25

**University of Clermont Auvergne** (France): *Visiting Lecturer*

- Long Run Development (Master), Spring 2023, 2024
- Poverty and Inequality (Master), Spring 2024

**Stellenbosch University** (South Africa): *Visiting Lecturer*

- Nonparametric Methods for Efficiency Analysis (PhD Mini Course), Fall 2023

**University College Dublin** (Ireland) and **Beijing-Dublin International College** (China): *Lecturer*

- Advanced Macroeconomics (Bachelor), Spring 2019, 2021
- Advanced Microeconomics (Bachelor), Spring 2021
- Development Economics (Bachelor), Fall 2018, 2019
- European Economy (Bachelor), Spring 2019, 2020, 2021
- Financial Economics: Derivatives and Risk Management (Bachelor), Spring 2019, 2020, 2021

**Pyongyang University of Science and Technology** (DPR Korea): *Visiting Lecturer*

- Advanced Econometrics (Master), Spring 2018
- Econometrics (Bachelor), Spring 2017, 2018

**Goethe University Frankfurt** (Germany): *Teaching Assistant*

- Development Economics III (Master), Summer 2015, 2017, 2018
- Evaluation of Development Policy: Methods and Applications (Master Seminar), Winter 2014/15, 2017/18
- Microeconomics II (Bachelor), Summer 2016

**TU Dortmund University** (Germany): *Teaching Assistant*

- Higher Mathematics I (Bachelor), Winter 2009/10
- Mathematics pre-semester course (Bachelor), Winter 2008/09

**THESIS (CO-)SUPERVISION**

**University of Göttingen:** 10 Bachelor, 14 Master

**University College Dublin:** 4 Master

**Goethe University Frankfurt:** 6 Bachelor, 3 Master

**REFEREE FOR ACADEMIC JOURNALS**

Applied Economics, Applied Economics Letters, Economic Analysis and Policy, Economics Bulletin (2x), Economic Modelling (2x), Expert Systems (3x), Journal of Economic Integration, Journal of Macroeconomics, Social Sciences & Humanities Open, World Bank Economic Review (3x)

**REFEREE FOR THIRD-PARTY FUNDING**

Fritz Thyssen Foundation

**CONFERENCE AND INVITED SEMINAR PRESENTATIONS**

- 2025: European Association of Agricultural Economists (EAAE) Congress, Bonn  
 VfS German Development Economics Conference, Frankfurt  
 Ashoka University, Economics Department Seminar
- 2024: Digital Development Dialogue (3D) Seminar, University of Göttingen (online)  
 World Bank, MENA Prosperity Knowledge Seminar (online)  
 CeMIS Workshop on Socioeconomic Inequality in India, Göttingen  
 University of Clermont Auvergne, CERDI Seminar  
 University of Göttingen, CeMIS BBL
- 2023: Stellenbosch University, Economics Department Seminar  
 University of Göttingen, School of Development Economics 1<sup>st</sup> Homecoming  
 UNU-WIDER Development Conference, Oslo  
 ERMAS Annual Scientific Conference, Bucharest
- 2022: IDOS/IfW International Research Conference on Africa's Regional and Global Integration, Bonn  
 Heidelberg University, Global Health Economics Seminar (online)  
 Asian Meeting of the Econometric Society in East and South-East Asia, Tokyo (online)  
 ERMAS Annual Scientific Conference, Cluj-Napoca  
 National University of Singapore, Conference on Mechanism and Institution Design (online)  
 Asian Meeting of the Econometric Society in China, Shenzhen (online)  
 Munich Summer Institute, organized by LMU Munich, TU Munich, and ETH Zurich  
 ZEW Public Finance Conference, Mannheim
- 2021: University College Dublin (online)  
 Beijing University of Technology, 1<sup>st</sup> BJUT-UCD Research Symposium (online)  
 World Bank, Independent Evaluation Group (online)
- 2020: United Nations ESCAP, Trade, Investment and Innovation Division, Bangkok  
 Asian Institute of Technology, Bangkok
- 2019: Peking University, National School of Development CCER Summer Institute  
 Center for Evaluation and Development, Mannheim  
 Pyongyang University of Science and Technology, 10<sup>th</sup> Anniversary Research Symposium
- 2018: Goethe University Frankfurt, Development Economics BBL Seminar  
 University College Dublin, Job Talk
- 2017: Heidelberg University, 3<sup>rd</sup> FHM Workshop in Development Economics  
 Pyongyang University of Science and Technology, Interdisciplinary Research Seminar Series  
 African Center for Economic Transformation, Accra
- 2015: Goethe University Frankfurt, Development Economics BBL Seminar  
 Asian Development Bank, ERCD Seminar Series, Manila

## **RESEARCH GRANTS AND THIRD-PARTY FUNDING**

Research grant, “The Effect of Improvements in Agricultural Productivity on Child Labor: Theory and Empirical Evidence from the Green Revolution”, Principal Investigator (with Mathias Schündeln), **German Research Foundation (DFG)**, 2025-2027, Total amount: €262,984.

Research grant, “Adoption of Early Sown Wheat and Zero Tillage Technologies: Evidence from a Randomized Field Experiment in Northwest India”, Principal Investigator (with Sebastian Vollmer), **German Federal Ministry of Education and Research (BMBF)** and ICAS:MP Module TM6, 2023-2024, Total amount: €47,000.

Funding for field data collection, “Adoption of Early Sown Wheat Varieties in Punjab and Haryana: Farmer Survey”, Principal Investigator (with Sebastian Vollmer), **German Agency for International Cooperation (GIZ)**, 2022, Total amount: €50,000.

## **OTHER GRANTS AND SCHOLARSHIPS**

Erasmus Mundus SmartLink Scholarship, European Commission, 2018

‘Forschungstopf’ Travel Grant, Goethe University Frankfurt, 2018

Carlo Schmid Fellowship, German National Academic Foundation and DAAD, 2016-2017

Deutschland Scholarship, German Federal Ministry of Education and Research, 2014-2015

PhD Stipend, Graduate School of Economics, Finance, and Management, Frankfurt, 2013-2014

Deutschland Scholarship, German Federal Ministry of Education and Research, 2012-2013

Erasmus Scholarship, European Commission, 2012

PROMOS travel grant, DAAD, 2010

## **LANGUAGES**

German (native), English (fluent), Spanish (advanced), Romanian (intermediate)

## **PERSONAL INFORMATION**

Date of Birth: September 6, 1988

Nationality: German

Civil Status: Married, three children

ORCID: 0000-0002-7535-6891