

DOMINIK NAEHER

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University of Göttingen
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RESEARCH AREAS

Microeconomics, Development Economics, Information Economics, Sustainability & Environment

ACADEMIC POSITIONS

Interim Professor of Development Economics , University of Göttingen	10/2024 - 09/2025
Postdoctoral Research Fellow at the chair of Prof. S. Vollmer, University of Göttingen	since 08/2021
Assistant Professor , School of Economics, University College Dublin	08/2018 - 07/2021
Doctoral Researcher at the chair of Prof. M. Schündeln, Goethe University Frankfurt	10/2014 - 07/2018
Research Assistant 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

World Bank , Washington, D.C.	
Senior Economist Consultant (part time), Equitable Growth, Finance, and Institutions Practice Group	05/2023 - 12/2025
Consultant (part time), Independent Evaluation Group	06/2018 - 06/2023
Operations Officer (Carlo Schmid Fellow), Operations Policy and Country Services	09/2016 - 02/2017
European Bank for Reconstruction and Development , London, UK	
Lead Consultant (part time), Impact & Results Management Unit	06/2025 - 11/2025
Consultant (part time), Impact & Results Management Unit	06/2023 - 01/2024
African Center for Economic Transformation , Accra, Ghana	
Member of the Technical Advisory Group for DEPTH 2.0	07/2023 - 04/2025
Asian Development Bank , Manila, Philippines	
Consultant (part time), ADB European Representative Office	12/2015 - 08/2016
Intern, Independent Evaluation Department	02/2015 - 04/2015

OTHER PROFESSIONAL EXPERIENCE

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

EDUCATION

PhD in Economics (grade: <i>summa cum laude</i>), Goethe University Frankfurt (GSEFM)	06/2018
Thesis: Technology Adoption and Information Processing: Theory and Applications to Rural Development	
Committee: Matthias Schündeln, Mirko Wiederholt, Philipp Harms, Andreas Grunewald	
Graduate Diploma in International Relations , University of London (LSE)	08/2016
MSc Quantitative Economics , Goethe University Frankfurt	04/2016
MSc Economics , TU Dortmund University, Germany	08/2013
Visiting Student, Complutense University of Madrid, Spain	Spring 2012
BSc Business Mathematics , 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**, 2026, 57(2), 315-333.
- [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] Assessing the Adoption and Outcomes of Early-Sown Wheat Varieties in Northwest India (with Basma Albanna, Gunnar Hesch, Daniel Otto, Meha Jain, Mohammad Hassan, Sebastian Vollmer, Hanna Ewell, Raphael Nawrotzki). **International Journal of Agricultural Sustainability**, 2026, 24(1), 2603756.
- [7] 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.
- [8] Fiscal Pro-Cyclicality 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].
- [9] 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].
- [10] 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.
- [11] The Good, the Bad, and the Ugly: New Evidence on Alternative Views of Corruption (with Želko Bogetić), **Applied Economics**, 2024, 56(33), 4019-4032.
- [12] 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].
- [13] 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.
- [14] Intelligent Computational Methods for Economics: Editorial (with Takfarinas Saber, Malika Bendeche), **Expert Systems**, 2024, 41(2), e13523.

- [15] 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.
- [16] On the Optimal Size and Composition of Customs Unions: An Evolutionary Approach (with Philippe De Lombaerde, Takfarinas Saber), *Computational Economics*, 2023, 62, 1457-1479.
- [17] 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].
- [18] 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].
- [19] Attracting Private Capital for Development: Are Poorer Countries Less Efficient? (with Raghavan Narayanan), *International Economics and Economic Policy*, 2023, 20, 1-26.
- [20] Do Democracies Perform Worse During Pandemics? Evidence from 2020 (with Yuyang He), *Economics Bulletin*, 2022, 42(3), 1681-1687.
- [21] 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].
- [22] Untapped Regional Integration Potential: A Global Frontier Analysis (with Raghavan Narayanan), *Journal of International Trade & Economic Development*, 2020, 29(6), 722-747.
- [23] 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)

- [24] 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

- [25] 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.
- [26] 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

- Scaling Information Access: Evidence from a Nationwide Digital Policy in China (with Shilong Zhao, Juan Liu, Junqiao Ma). *World Development*, R&R (2nd round).
- Countercyclical Fiscal Policy and Female Employment (with Željko Bogetić, Shiyun Hu, Luan Zhao, Yahui Zhao). *Labour*, R&R.
- Drought and Intimate Partner Violence: Quasi-Experimental Evidence from Kenya (with Hanne Schwabe). *Journal of Environment and Development*, 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).

WORK IN PROGRESS

- Backfiring Effects of Category-Specific Information Provision in a Pricing Model with Rationally Inattentive Buyers (with Sergey Turlo).
- The Effect of Improvements in Agricultural Productivity on Child Labor: Theory and Empirical Evidence from the Green Revolution (with Matthias Schündeln).

Green Cities at Scale: A Global Geospatial Assessment of Urban Environmental Performance across 11,000 Cities (with Raghavan Narayanan, Alexander Stepanov).

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

Revenue Efficiency in MENA: A Cross-Country Frontier Analysis. In: *Investing in People: Revisiting Fiscal Options to Finance Human Development in the MENA Region*, World Bank, 2025.

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 Cyclicalities 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, 2025/26

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, 2025/26

Introduction to Global Health (Bachelor), Summer 2022, 2023, 2024, 2025

Essentials of Global Health (Master Seminar), Summer 2026

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

Pyeongang 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 & 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, 1 Predoc

University College Dublin: 4 Master

Goethe University Frankfurt: 6 Bachelor, 3 Master

REFEREE FOR ACADEMIC JOURNALS

Applied Economics, Applied Economics Letters, Discover Sustainability, Economic Analysis and Policy (2x), Economic Modelling (3x), Economics Bulletin (2x), Economics of Governance, Energy Efficiency, Expert Systems (3x), Journal of Economic Integration, Journal of Macroeconomics (2x), Journal of Population Ageing, Scientific Reports (2x), Social Sciences & Humanities Open, World Bank Economic Review (3x)

REFEREE FOR THIRD-PARTY FUNDING

Fritz Thyssen Foundation

CONFERENCE AND INVITED SEMINAR PRESENTATIONS

2026: International Conference on Empirical Economics, Pennsylvania State University (online, scheduled)

16th Brazilian-German Frontiers of Science and Technology Symposium, Goiania (scheduled)

VfS German Development Economics Conference, Kiel

2025: European Association of Agricultural Economists (EAAE) Congress, Bonn

VfS German Development Economics Conference, Frankfurt

University of Göttingen & German Institute of Development and Sustainability (IDOS), Job Talk

Ashoka University, Economics Department Seminar

Kiel University & Kiel Institute for the World Economy (IfW), Job Talk

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 1st 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, 1st 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, 10th Anniversary Research Symposium
- 2018: Goethe University Frankfurt, Development Economics BBL Seminar
University College Dublin, Job Talk
- 2017: Heidelberg University, 3rd 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

- Travel Grant, Alexander von Humboldt Foundation, 2026
- 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