

# DOMINIK NAEHER

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## RESEARCH AREAS

Development Economics, Microeconomics, International Economics, Economics of Information

## ACADEMIC POSITIONS

**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 10/2023  
Visiting Lecturer, University of Clermont Auvergne 05/2023  
Visiting Scholar, University of Vienna 09/2020  
Visiting Scholar, Asian Institute of Technology, Bangkok 02/2020 - 04/2020  
Visiting Scholar, Center for Evaluation and Development, Mannheim 01/2019 - 02/2019  
Visiting Lecturer, Pyongyang University of Science and Technology 03/2017 - 06/2017  
Visiting Scholar, African Center for Economic Transformation, Accra 02/2017

## POLICY ADVICE AND CONSULTING WORK

**African Center for Economic Transformation**, Accra, Ghana  
Member of the Technical Advisory Group for DEPTH 2.0 since 07/2023  
**World Bank**, Washington, D.C.  
Economic Consultant (part time), Equitable Growth, Finance, and Institutions since 05/2023  
Practice Group: Whole of Economy Macro Critical Aspects of Climate Change  
Economic 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  
Economic Consultant (part time), Impact & Results Management Unit 06/2023 - 01/2024  
**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**

<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 International Programs	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

**SELECTED PUBLICATIONS**

- Technology Adoption under Costly Information Processing, *International Economic Review*, 2022, 63(2): 699-753.
- 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.  
- Working paper version: *World Bank Policy Research Working Paper*, No. 9532.
- The Social Planning Problem with Costly Information Processing: Towards Understanding Production Decisions in Centralized Economies, *Economica*, 2023, 90(357): 285-314.

**OTHER JOURNAL ARTICLES**

- The Good, the Bad, and the Ugly: New Evidence on Alternative Views of Corruption (with Želko Bogetić), *Applied Economics*, forthcoming.
- 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.
- 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.
- Intelligent Computational Methods for Economics: Editorial (with Takfarinas Saber, Malika Bendeche), *Expert Systems*, 2024, 41(2): e13523.
- 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.
- 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.
- On the Optimal Size and Composition of Customs Unions: An Evolutionary Approach (with Philippe De Lombaerde, Takfarinas Saber), *Computational Economics*, 2023, 62: 1457-1479.
- 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.  
- Working paper version: *World Bank Policy Research Working Paper*, No. 9842.
- Measuring Untapped Revenue Potential in Developing Countries: Cross-Country Frontier and Panel Data Analysis (with Želko Bogetić, Raghavan Narayanan), *Journal of Public Finance & Public Choice*, 2023, 38(1): 89-127.  
- Working paper version: *World Bank Policy Research Working Paper*, No. 9776.
- Attracting Private Capital for Development: Are Poorer Countries Less Efficient? (with Raghavan Narayanan), *International Economics and Economic Policy*, 2023, 20: 1-26.
- Do Democracies Perform Worse During Pandemics? Evidence from 2020 (with Yuyang He), *Economics Bulletin*, 2022, 42(3): 1681-1687.
- 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.

- Working paper version: *UNU-CRIS Working Paper, No. WP21-04*.

Untapped Regional Integration Potential: A Global Frontier Analysis (with Raghavan Narayanan), *Journal of International Trade & Economic Development*, 2020, 29(6): 722-747.

An Empirical Estimation of Asia's Untapped Regional Integration Potential Using Data Envelopment Analysis, *Asian Development Review*, 2015, 32(2): 178-195.

- Working paper version: *ADB Economics Working Paper, No. 445*.

### **BOOK CHAPTERS**

Applications of DEA 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.

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**

Learning vs. Costly Information Processing in Technology Adoption: Evidence from a Cluster Randomized Controlled Trial in India (with Sebastian Vollmer), *Journal of Development Economics, Revise & Resubmit (Pre-results Track)*.

The Political Economy of Patent Buyouts (with Amal Ahmad and Sebastian Vollmer).

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).

Relevance of the World Bank Group's Early Response to COVID-19: A Cross-Country Sector Analysis (with Raghavan Narayanan and Virginia Ziulu), *World Bank Policy Research Working Paper*, No. 9935.

Evaluating Accession Decisions in Customs Unions: A Dynamic Machine Learning Approach (with Philippe De Lombaerde and Takfarinas Saber), *World Economy, R&R*.

### **WORK IN PROGRESS**

When Information Provision Backfires (And When Not): Insights from a Multi-Category Pricing Model with Rationally Inattentive Buyers (with Sergey Turlo).

The Economic Lives of the Poor Revisited (with Sebastian Vollmer).

Is Escaping the Fiscal Pro-Cyclicality Trap Possible? Evidence from MENA (with Željko Bogetić).

Using Data-Powered Positive Deviance to Assess the Adoption and Impact of Early-Sown Wheat Varieties in India (with Basma Albanna, Gunnar Hesch, Daniel Otto, Mohammad Hassan, Meha Jain, Sebastian Vollmer, Hanna Ewell, Raphael Nawrotzki).

### **CONTRIBUTIONS TO POLICY REPORTS**

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.

**REFeree FOR ACADEMIC JOURNALS**

Applied Economics, Applied Economics Letters, Economics Bulletin, Economic Modelling (2x), Expert Systems (3x), Journal of Economic Integration, North Korean Review, World Bank Economic Review (3x)

**REFeree FOR THIRD-PARTY FUNDING**

Fritz Thyssen Foundation

**TEACHING**

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

Microeconomics II (Bachelor), Summer 2023

Poverty and Inequality (Master), Winter 2021/22, 2022/23, 2023/24

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

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

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

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

Long Run Development (Master), Spring 2023, 2024

Poverty and Inequality (Master), Spring 2024

**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

**(CO-)SUPERVISED BACHELOR AND MASTER THESES**

**University of Göttingen**: 5 Bachelor, 5 Master

**University College Dublin**: 4 Master

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

**CONFERENCE AND SEMINAR PRESENTATIONS**

2024: University of Clermont Auvergne, CERDI Seminar

University of Göttingen, Centre for Modern Indian Studies BBL

2023: Stellenbosch University, Economics BBL

University of Göttingen, Homecoming of the Göttingen School of Development Economics

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

### **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