

# Philipp M. Richter

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[Google Scholar Profile](#)

Born on September 10, 1985, in Kassel, Germany.

Citizenship: German

Married, three children.

## Research Interests

Trade and the Environment, Climate Policy, Distributional Aspects, International Energy Markets

## Current Positions & Affiliations

Since 08/2025	Acting Chair of Quantitative Economics, University of Mannheim.
Since 11/2023	Post-Doc, Quantitative International and Environmental Economics, JMU Würzburg.
Since 2018	CESifo Research Network Affiliate
Since 2018	DIW Research Fellow
Since 2017	Kiel Centre for Globalization (KCG) External Research Fellow

## Previous Positions & Employment

09/2022 - 08/2023	Visiting Professor of Economics, University of Mannheim.
10/2015 - 08/2022	Assistant Professor (non-tenure-track), International Economic Policy, TU Dresden.
04/2020 - 09/2020	Interim Professor, Chair of International Economics, TU Dresden.
2015 - 2019	Parental leave (6 months: 08 & 09 2015; 05 & 07 2017; 07 & 08 2019).
04/2015 - 07/2015	Research Assistant, Chair of Economic Policy, University of Potsdam.
10/2012 - 10/2015	Research Associate, Department Energy, Transportation, Environment, DIW Berlin.
10/2008 - 09/2009	Student Assistant, Department of Strategic Management, Robert Bosch GmbH.

## Education

2011 - 2015	PhD in Economics (summa cum laude), TU Berlin & DIW Berlin Graduate Center. Thesis: Trade and Climate Policies. The Role of Market Structure, Firm Behavior, and the Supply Side of Carbon. Committee: Prof. Ch. von Hirschhausen, Prof. C. Kemfert, Prof. M. Runkel.
2005 - 2011	Diploma in International Economics (very good), University of Tübingen. Thesis: Trade, Monopolistic Competition, and the Environment. Committee: Prof. U. Kreckemeier, Prof. W. Kohler.
2008 - 2009	Environmental Economics, Prof. M. Ahlheim, University of Hohenheim.
2007 - 2008	Exchange Student, University Jean Moulin III Lyon.

## Refereed Publications

[Unilateral environmental policy and offshoring](#) (with S. J. Bolz and F. Naumann), *Journal of International Economics*, 104185, forthcoming.

[Unilateral Tax Policy in the Open Economy](#) (with M. Kohl), *Journal of International Economics*, 145: 103829, 2023.

[Strategic Environmental Policy and the Mobility of Firms](#) (with M. Runkel and R. C. Schmidt), *Journal of the Association of Environmental and Resource Economists*, 8(5): 863-893, 2021.

[Environmental Policy and Firm Selection in the Open Economy](#) (with H. Egger and U. Kreickemeier), *Journal of the Association of Environmental and Resource Economists*, 8(4): 655-690, 2021.

[Coal Taxes as Supply-Side Climate Policy: A Rationale for Major Exporters?](#) (with R. Mendelevitch and F. Jotzo), *Climatic Change*, 150(1-2): 43-56, 2018.

[CO<sub>2</sub> Emission Intensity and Exporting: Evidence from Firm-Level Data](#) (with A. Schiersch), *European Economic Review*, 98: 373-391, 2017.

[Shaking Dutch Grounds Won't Shatter the European Gas Market](#) (with F. Holz, H. Brauers, and T. Roobeek), *Energy Economics*, 64: 520-529, 2017.

[The Role of Natural Gas in a Low-Carbon Europe: Infrastructure and Supply Security](#) (with F. Holz and R. Egging), *The Energy Journal*, 37: 33-59, 2016.

[All Quiet on the Eastern Front? Disruption Scenarios of Russian Natural Gas Supply to Europe](#) (with F. Holz), *Energy Policy*, 80: 177-189, 2015.

[A Global Perspective on the Future of Natural Gas: Resources, Trade, and Climate Constraints](#) (with F. Holz and R. Egging), *Review of Environmental Economics and Policy*, 9(1): 85-106, 2015.

[From Boom to Bust? A Critical Look at US Shale Gas Projections](#), *Economics of Energy and Environmental Policy*, 4(1): 131-151, 2015.

[Trade and the Environment: The Role of Firm Heterogeneity](#) (with U. Kreickemeier), *Review of International Economics*, 22: 209-225, 2014.

## Current Working Papers

[Clean Production, Dirty Sourcing: How Embodied Emissions Alter the Environmental Footprint of Exporters](#) (with T. Köveker, A. Schiersch and R. Sogalla), *DIW Berlin Discussion Papers* No. 2126, 2025.

[The Geopolitical Externality of Climate Policy](#) (with T. Beaufigli, K. Conyngham, M. de Vries, M. Jakob, M. Kalkuhl, D. Spiro, L. Stern, and J. Wanner), *Kiel Working Papers* No. 2283, 2025.

[Is Germany Becoming the European Pollution Haven?](#) (with E. Rottner and K. von Graevenitz), *ZEW Discussion Paper* No. 23-069, 2024.

## Selected Work in Progress

The Impact of Border Carbon Adjustment on Global Emissions Shifting (with J. Wanner)

Unilateral Trade Policy and its Distributional Effects (with M. Kohl)

Redistributing Emission Tax Revenues: The Impact on Occupational Choice Decisions

## Other Publications, incl. Policy Reports

[The Security Dividend of Climate Policy](#) (with T. Beaufils, M. Jakob, M. Kalkuhl, L. Stern, and J. Wanner), *Kiel Policy Brief*, 187, 2025.

[EU Climate Policy in a Globalized World](#) (with J. Wanner), *EconPol Policy Report*, 53, 2025.

[Die EU muss Handels- und Klimapolitik zusammen denken](#) (with J. Wanner; only in German), in *ifo Schnelldienst*, 1/2024: Außenwirtschaft im Wandel, 2024.

[The Paris Climate Agreement: Is It Sufficient to Limit Climate Change?](#) (with H. Brauers), *DIW Roundup*, 91, 2016.

[Climate Negotiations: What can be Expected from the Climate Summit in Paris?](#) (with H. Brauers), *DIW Roundup*, 86, 2015.

[The Controversy over the Free-Trade Agreement TTIP](#) (with G. F. Schäffer), *DIW Roundup*, 42, 2014.

[European Natural Gas Infrastructure: The Role of Gazprom in European Natural Gas Supplies](#) (with F. Holz, H. Engerer, C. Kemfert, and C. von Hirschhausen), *DIW Berlin Politikberatung kompakt*, 81, 2014.

[European Natural Gas Supply Secure Despite Political Crisis](#) (with H. Engerer, F. Holz, C. von Hirschhausen, and C. Kemfert), *DIW Economic Bulletin*, 8, 2014.

[Structural Shift in Global Natural Gas Markets: Demand Boom in Asia, Supply Shock in the US](#) (with F. Holz, and C. von Hirschhausen), *DIW Economic Bulletin*, 11-12, 2013.

[Emissionshandel für den Luftverkehr: internationaler Widerstand gegen den Alleingang der EU](#) (with S. Dröge; only in German), *SWP-aktuell*, 55, 2012.

## Conference and Seminar Presentations

CESifo Area Conference on Energy & Climate Economics, 2018, 2019 (accepted but withdrawn)

CESifo Area Conference on Global Economy, 2025

Conference on Sustainable Resource Use and Economic Dynamics (SURED), 2018, 2024

Economic Geography and International Trade Research Meeting (EGIT), 2013, 2016

ENERDAY Conference on Energy and Technology, 2012, 2013

European Association of Environmental and Resource Economists (EAERE), 2016

European Economic Association (EEA), 2013

European Trade Study Group (ETSG), 2012, 2014, 2018

German Economic Association (VfS), 2012, 2016, 2025 (upcoming)

Göttinger Workshop für Internationale Wirtschaftsbeziehungen, 2016, 2018, 2025

INRAE Research Seminar Paris, 2021

International Association for Energy Economics (IAEE) – International Conference, 2014

International Association for Energy Economics (IAEE) – European Conference, 2013

Mannheim Conference on Energy and the Environment (MCEE), 2024, 2025

Research Seminar on Environment, Resource and Climate Economics (RSERC) Berlin, 2013, 2014, 2015

World Congress of Environmental and Resource Economists (WCERE), 2018

Workshop for Young Environmental and Resource Economists (AURÖ), 2015, 2016

### Other Invited Talks

06/2021	“The Global Economy of the Transatlantic Relationship”; DAIS e.V.
03/2021	Juniordoktoren TU Dresden „Wer kauft schon die Katze im Sack?“ (with Chr. Leßmann)
04/2017	tuuwi Ringvorlesung Studium Oecologicum „Handel und Umwelt“
02/2015	Fachliche Lehrerfortbildung Hessen: Internationale Wirtschaftsbeziehungen - Strukturen und Problemfelder
07/2013	2. Doktorandenforum der Sektion B der Leibniz-Gemeinschaft

### Research Visits

11/2014	University of Tübingen.
05/2013	Norwegian University of Science and Technology (NTNU), Trondheim, Norway.
03/2012, 09/2012	Stiftung Wissenschaft und Politik (SWP) – German Institute for International and Security Affairs, Berlin.

### Awards, Grants, and Scholarships

2018	Invited CESifo Young Affiliate Award Candidate to CESifo Area Conference on Energy & Climate Economics, Munich.
2014	Invited to Best Student Paper Award Session at the IAEE conference, New York.
2011 - 2012	PhD scholarship, DIW Berlin Graduate Center.
2011	Best graduate diploma student KPMG-prize, University of Tübingen.
2007 - 2008	ERASMUS exchange program scholarship.

### Participation in Third-Party Funded Projects

Since 11/2023	Member (scientific) of the BMBF-tender Kopernikus project “ARIADNE”, sponsored by the German Federal Ministry of Education and Research (BMBF).
Since 12/2022	Member (scientific) of the DIW Bridge Project “International Trade and Climate Policy: Implications of Firm Heterogeneity”, sponsored by DIW Berlin.
2021/2022/2023	Third-party funded workshop series “Shaping Globalization: Economic Consequences and Policy Responses”, jointly organised with Dr. M. Kohl and Jun.-Prof. Dr. F. Unger, sponsored within the program “Connex” by the Dr. Hans Riegel-Stiftung (2021 online; 2022; 2023).
2012 - 2015	Member (scientific and administrative) of the BMBF-tender project “Resources: International Resource Markets under Climate Constraints (RESOURCES)”, sponsored by the German Federal Ministry of Education and Research (BMBF).
2014	Member (scientific and administrative) of the project “European Natural Gas Infrastructure: The Role of Gazprom in European Natural Gas Supplies”, sponsored by The Greens / European Free Alliance in the European Parliament.

## Teaching

### Lectures plus Exercise Classes

Advanced International Trade (Master), 2020, TU Dresden.  
 Environmental Economics (Master), 2016, 2017, 2018, 2019, 2021, 2022, TU Dresden.  
 Economics of Regional Integration (Master), 2020, TU Dresden.  
 Firms in International Trade (Master), 2023, University of Mannheim.  
 Globalisation and the Environment (Master), 2022, University of Mannheim.  
 International Trade: Theory and Policy (Bachelor), 2020, TU Dresden.  
 Introduction to Environmental Economics (Bachelor), 2021, 2022, TU Dresden.  
 Markets and the Environment (Bachelor), 2023, University of Mannheim.  
 The Economics of European Integration (Master), 2015, 2016, 2017, 2018, 2019, 2020, 2021, TU Dresden.  
 Trade and the Environment (Bachelor), 2025, University of Mannheim.  
 Trade and the Environment (PhD), 2022, 2023, University of Mannheim.

### Seminars

International Climate Policy (Master), 2023, JMU Würzburg.  
 Climate Policy (Bachelor), 2023, University of Mannheim.  
 European Economic Policy (Bachelor), 2022, 2025, University of Mannheim.  
 The Economics of Covid-19 (Bachelor), 2020, TU Dresden.  
 Topics in Environmental Economics (Master), 2019, 2021, TU Dresden.  
 Topics in International Trade (Master), 2016, 2017, 2018, 2019, 2020, TU Dresden.  
 Research Seminar in International Economic Policy (Master), year-round on-demand, TU Dresden.

### Exercise Classes

Globalization and the Environment (Bachelor), 2023, 2024, JMU Würzburg.  
 International Economics (Bachelor, in German), 2024, JMU Würzburg.

### Tutorials (Student Teaching Assistant)

Statistics I: Exploratory Data Analysis (Bachelor), 2009, University of Tübingen, Prof. M. Biewen.  
 Statistics II: Probability Theory (Bachelor), 2010, University of Tübingen, Prof. M. Biewen.  
 Statistics III: Quantitative Methods (Bachelor), 2008, University of Tübingen, Prof. J. Grammig.

## Refereeing

*Canadian Journal of Economics; Economic Inquiry; Economic Modelling; Economics of Energy & Environmental Policy; Empirical Economics; Energies; Energy Policy; Environmental and Resource Economics; European Economic Review; German Economic Review; International Economic Review; Journal of Economic Theory; Journal of Environmental Economics and Management; Land Economics; Resources, Environment and Sustainability; Review of International Economics; Review of Industrial Organization; The Energy Journal; The Journal of International Trade & Economic Development; The Scandinavian Journal of Economics*

## **Other Activities**

### **Academic Self-Administration**

Ombudsperson of the Faculty of Business and Economics, 2019 - 2022, TU Dresden.

Arbitration Body Co-Authorship, Faculty of Business and Economics, 2019 - 2022, TU Dresden.

Member of Admission Committee M.Sc. Economics, 2016 - 2020, TU Dresden.

### **(Co-) Organization of Colloquia and Workshops**

Workshop “Shaping Globalization: Economic Consequences and Policy Responses”, 2021, 2022, 2023.

Reading Group “Dresden Trade Study Group (DTSG)”, TU Dresden, 2015-2020.

Reading Group “Economics of Climate Change”, TU Berlin, HU Berlin, FU Berlin, DIW Berlin, 2013-2015.

Research Seminar on Environment, Resource and Climate Economics (RSERC) Berlin, 2013-2015.

## **Languages**

German (native), English (fluent), French (good command), Spanish (basics), Italian (basics).