

# Philipp M. Richter

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Chair of Quantitative International and Environmental Economics  
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[Google Scholar](#)

Born on September 10, 1985, in Kassel, Germany.  
Married, three children.

## Research Interests

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

## Employment

11/2023	Post-Doc, <i>Chair of Quantitative International and Environmental Economics</i> , University of Würzburg
09/2022 - 08/2023	Visiting Professor of <i>Economics</i> , University of Mannheim
10/2015 - 08/2022	Assistant Professor (non-tenure-track) of <i>International Economic Policy</i> , TU Dresden
04/2020 - 09/2020	Interim Professor, <i>Chair of International Economics</i> , TU Dresden
2015 - 2019	Parental leave (6 months: 08 & 09 2015; 05 & 07 2017; 07 & 08 2019)
04/2015-07/2015	Research Assistant, <i>Chair of Economic Policy</i> , Jun.-Prof. A. Neumann, University of Potsdam
10/2012 - 10/2015	Research Associate, Department <i>Energy, Transportation, Environment</i> , DIW Berlin
10/2008 - 09/2009	Student Assistant, Department of <i>Strategic Management</i> , Robert Bosch GmbH

## Education

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

## Publications – Journal Articles

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. Mendeleevitch 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.

## Working Papers

Unilateral Environmental Policy and Offshoring (with S. J. Bolz and F. Naumann),  
**CESifo Working Paper** No. 11096, 2024.

Is Germany Becoming the European Pollution Haven? (with Elisa Rottner and Kathrine von Graevenitz),  
**ZEW Discussion Paper** Nr. 23-069, 2023.

## Work in Progress

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

Redistributing Emission Tax Revenues: The Impact on Occupational Choice Decisions

Strategic Firm Behaviour and Environmental Policy under General Oligopolistic Equilibrium (with S. J. Bolz)

Heterogeneous sourcing, CO<sub>2</sub> emissions and trade (with T. Köveker, A. Schiersch and R. Sogalla)

Strategic Environmental Policy in General Equilibrium (with U. Kreickemeier)

## Publications – Policy Reports

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.

## Grants, Awards, and Prizes

2021/2022/2023	Third-party funded workshop “ <i>Shaping Globalization: Economic Consequences and Policy Responses</i> ”, jointly organised with Dr. M. Kohl and Jun.-Prof. Dr. F. Unger, sponsored within the program “ <i>Connex</i> ” by the Dr. Hans Riegel-Stiftung (2021 online; 2022; 2023).
2018	Invited CESifo Young Affiliate Award Candidate to CESifo Area Conference on Energy & Climate Economics, Munich
2012-2015	Member of BMBF-tender project “ <i>Resources: International Resource Markets under Climate Constraints</i> ” ( <i>RESOURCES</i> ), sponsored by the German Federal Ministry of Education and Research (BMBF)
2014	Member of the project “ <i>European Natural Gas Infrastructure: The Role of Gazprom in European Natural Gas Supplies</i> ”, sponsored by The Greens / European Free Alliance in the European Parliament
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

## 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 (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, 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, JMU Würzburg.  
International Economics (Bachelor, in German), 2024, JMU Würzburg.

### *Tutorials (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

## Conference and Workshop Presentations

CESifo Area Conference on Energy & Climate Economics, 2018, 2019  
 Conference on Sustainable Resource Use and Economic Dynamics (SURED), 2018  
 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 – Annual Conference (EAERE), 2016  
 European Economic Association – Annual Congress (EEA), 2013  
 European Trade Study Group – Annual Conference (ETSG), 2012, 2014, 2018  
 German Economic Association – Annual Congress (VfS), 2012, 2016  
 Göttinger Workshop für Internationale Wirtschaftsbeziehungen, 2016, 2018  
 INRAE Research Seminar Paris, 2021.  
 International Association for Energy Economics (IAEE) – International Conference, 2014  
 International Association for Energy Economics (IAEE) – European Conference, 2013  
 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

## Summer Schools

*IW Kiel Advanced Studies Program 2013*: “Firms in International Trade”. Lecturer: Marc Melitz (Harvard University)  
*DIW Berlin Masterclass 2013*: “Modeling Multiple Leaders and Followers using Equilibrium Problems under Equilibrium Constraints”. Lecturer: Sauleh Siddiqui (Johns Hopkins University)  
*ZEW Mannheim Summer Workshop 2012*: “Trade and the Environment”. Lecturers: Brian R. Copeland (University of British Columbia) und M. Scott Taylor (University of Calgary)  
*TU Berlin und DIW Berlin InfraTrain Fall 2012*: “One and Two-Level Energy Market Equilibrium Modelling”. Lecturer: Steven A. Gabriel (University of Maryland)

## Research Visits

University of Tübingen, 2014.  
 Norwegian University of Science and Technology (NTNU), Trondheim, Norway, 2013.  
 Stiftung Wissenschaft und Politik (SWP) – Deutsches Institut für Politik und Sicherheit, Berlin, 2012

## Professional Activities

### *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; International Economic Review, 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

### *Academic Self-Administration*

2019 - 2022            Ombudsperson of the Faculty of Business and Economics, TU Dresden  
 2019 - 2022            Arbitration Body Co-Authorship – Faculty of Business and Economics, TU Dresden  
 2016 - 2020            Admission Committee - Master in Economics, TU Dresden

### *(Co-) Organisation of Colloquia & workshops*

Workshop for early-career economists “*Shaping Globalization: Economic Consequences and Policy Responses*”, 2021 & 2022  
 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, administrative and scientific assistance, 2013-2015

### *Network Membership*

CEsifo Research Network Affiliate (since 2018); DIW Research Fellow (since 2018); Kiel Centre for Globalization (KCG) External Research Fellow (since 2017)

### *Professional Affiliations*

Association of Environmental and Resource Economists (AERE); European Association of Environmental and Resource Economists (EAERE); European Economic Association (EEA); Verein für Socialpolitik (VfS)

## Volunteering (Social Service)

Active support of homeless shelter, *Nachtkafé ObDach? e.V.*, Berlin, 2013-2015

## Languages

English (fluent), French (good command), Spanish (basics), Italian (basics), German (mother-tongue)