

Philipp M. Richter

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

Employment

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| Since 10/2015 | 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 | Research Assistant, <i>Chair of Economic Policy</i> , Jun.-Prof. Anne Neumann, University of Potsdam |
| 2012 - 2015 | Research Associate, Department <i>Energy, Transportation, Environment</i> , DIW Berlin |

Affiliations

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| Since 2018 | CESifo Research Network Affiliate |
| Since 2018 | DIW Research Fellow |
| Since 2017 | Kiel Centre for Globalization (KCG) External Research Fellow |

Education

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| 2011 - 2015 | PhD in Economics, 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, 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 |

Research Interests

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

Publications – Journal Articles

Strategic Environmental Policy and the Mobility of Firms (with M. Runkel and R. C. Schmidt), **Journal of the Association of Environmental and Resource Economists**, 2021, accepted for publication on 01/19/21. A previous working paper version can be found here: [CEPR Working Paper No. 7566](#).

Environmental Policy and Firm Selection in the Open Economy (with H. Egger and U. Kreickemeier), **Journal of the Association of Environmental and Resource Economists**, 2020, accepted for publication on 12/14/20. A previous working paper version can be found here: [CEPR Working Paper No. 7725](#).

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.

CO₂ 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.

Work in Progress

Unilateral Tax Policy in the Open Economy (with M. Kohl)

Emission Taxes, Redistribution Schemes, and the Impact on Occupational Choice Decisions

Offshoring and Environmental Policy: Firm Selection and Distributional Effects (with S. Bolz and F. Naumann)

Carbon Tariffs (with R. Sogalla)

Trade Exposure and CO₂ Emission Intensity: Evidence from German Firm-Level Data (with A. Schiersch)

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

Trade and climate policy induced transformations (with F.W. Opitz)

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

Strategic R&D Investment in a Market with Spillovers (with R. C. Schmidt)

Publications – Policy Reports

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

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| 2020 | Third-party funded workshop “ <i>Shaping Globalization: Economic Consequences and Policy Responses</i> ” (2021), joint organised with Dr. M. Kohl and Jun.-Prof. F. Unger, sponsored within the program “ <i>Connex</i> “ by the Dr. Hans Riegel-Stiftung. |
| 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>RESDOURCES</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, TU Dresden.

Economics of Regional Integration (Master), 2020, TU Dresden.

International Trade: Theory and Policy (Bachelor), 2020, TU Dresden.

The Economics of European Integration (Master), 2015, 2016, 2017, 2018, 2019, 2020 TU Dresden.

Seminars

The Economics of Covid-19 (Bachelor), 2020, TU Dresden.

Topics in Environmental Economics (Master), 2019, TU Dresden.

Topics in International Trade (Master), 2016, 2017, 2018, 2019, 2020, TU Dresden.

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
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

IfW 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; Economics of Energy & Environmental Policy; Energies; Energy Policy; Environmental and Resource Economics; European Economic Review; Journal of Environmental Economics and Management; Resources, Environment and Sustainability; Review of Industrial Organization; The Energy Journal; The Journal of International Trade & Economic Development; The Scandinavian Journal of Economics

(Co-) Organisation of Colloquia

Reading Group “Dresden Trade Study Group (DTSG)”, TU Dresden since 2015

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

Professional Affiliations

Association of Environmental and Resource Economists (AERE)

European Association of Environmental and Resource Economists (EAERE)

European Economic Association (EEA)

German Economic Association (VfS)