

Department of Economics
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ULRICH J. WAGNER

Appointments:

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| UNIVERSITÄT MANNHEIM Professor of Economics, Chair in Quantitative Economics | 2015- |
| UNIVERSIDAD CARLOS III, Madrid, Spain. Associate Professor of Economics (tenured) Assistant Professor of Economics <i>On academic leave 2013-2014, 2015-16</i> | 2014-15 2008-2014 |
| BANCO DE ESPAÑA, Madrid, Spain. Visiting Fellow, Research Department. | 2013-2014 |
| COLUMBIA UNIVERSITY, New York, USA. Postdoctoral Fellow, The Earth Institute. | 2006-2008 |
| Co-Editor, <i>Journal of the Association of Environmental and Resource Economists</i> | 2016- |
| Co-Editor, <i>Economics: The Open-Access, Open-Assessment E-Journal</i> | 2010- |
| Editorial Board, <i>Journal of Environmental Economics and Management</i> | 2015- |
| Member, Environmental Economics Committee of the German Economic Association | 2014- |
| Research Associate, Center for European Economic Research (ZEW) | 2015- |
| Research Fellow, DIW German Institute for Economic Research | 2015- |
| Research Affiliate, Kiel Institute for the World Economy (IfW) | 2010- |
| Research Associate, Centre for Economic Performance, London School of Economics | 2007- |

Education:

Ph.D. Economics, Yale University (USA) 2006.
Diplom-Volkswirt, Christian-Albrechts-Universität zu Kiel (Germany) 2001.
Sciences économiques, Université de Paris I Panthéon-Sorbonne (France) Spring 1998.
Vordiplom, Economics, Universität Hamburg (Germany) 1998.

Published and accepted papers:

10. Wagner, U.J. (2015). Estimating Strategic Models of International Treaty Formation. *Review of Economic Studies*, forthcoming.
9. Martin, R., Muûls, M. and Wagner, U.J. (2016). The Impact of the EU Emissions Trading System on Regulated Firms: What is the Evidence after Ten Years? *Review of Environmental Economics and Policy*, 11(1). *In press*.
8. Martin, R., de Preux, L.B. and Wagner, U.J. (2014). The Impact of a Carbon Tax on Manufacturing: Evidence from Microdata. *Journal of Public Economics*, 117:1-14.

7. Martin, R., Muûls, M., de Preux, L.B. and Wagner, U.J. (2014). On the Empirical Content of Carbon Leakage Criteria in the EU Emissions Trading Scheme. *Ecological Economics*, 105:78-88.
6. Martin, R., Muûls, M., de Preux, L. and Wagner, U.J. (2014). Industry Compensation Under Relocation Risk: A Firm-level Analysis of the EU Emissions Trading Scheme. *American Economic Review*, 104(8): 2482-2508.
- Featured in the "Editor's Choice" section of *Science* (2014) Vol. 344 No. 6180
- Winner of the Erik Kempe Award in Environmental and Resource Economics 2015
5. Martin, R., Muûls, M., de Preux, L.B. and Wagner, U.J. (2012). Anatomy of a Paradox: Management Practices, Organizational Structure and Energy Efficiency. *Journal of Environmental Economics and Management* 63(2): 208-223.
4. Petrick, S., Rehdanz, K. and Wagner, U.J. (2011). Energy Use Patterns in German Industry: Evidence from Plant-level Data. *Jahrbücher für Nationalökonomie und Statistik*, 231(3): 379-414.
3. Wagner, U.J., and Timmins, C. (2009). Agglomeration Effects in Foreign Direct Investment and the Pollution Haven Hypothesis. *Environmental and Resource Economics*, 43(2): 231-256.
Reprinted as chapter 16 of "Recent Developments in Trade and the Environment", Brian R. Copeland (ed.), Edward Elgar: Cheltenham, 2014.
2. Wagner, U.J. (2009). The Voluntary Provision of a Pure Public Good? Another Look at CFC Emissions and the Montreal Protocol, *Oxford Economic Papers*, 61(1): 183-196.
1. Wagner, U.J. (2001). The Design of Stable International Environmental Agreements: Economic Theory and Political Economy. *Journal of Economic Surveys*, 15(3): 377-411.
Reprinted as Chapter 5 of "Current Issues in Environmental Economics", Nick Hanley and Colin J. Roberts (eds.), Blackwell Publishing, 2002.

Working papers:

1. Managing Expectations to Promote International Environmental Agreements (joint with Daiju Narita), November 2015. *Submitted.*
2. The Impact of Carbon Trading on Manufacturing: Evidence from German Firms (with Sebastian Petrick). *Kiel Working Paper No. 1912*, March 2014.
3. The Causal Effects of the European Union Emissions Trading Scheme: Evidence from French Manufacturing Plants (with Jonathan Colmer, Ralf Martin and Mirabelle Muûls), *Draft*. November 2013.
4. Carbon Markets, Carbon Prices and Innovation: Evidence from Interviews with Managers, (joint with Ralf Martin and Mirabelle Muûls), *Draft*. December 2012.
5. Climate Change Policies and Innovation: Evidence from Patent Counts (joint with Ralf Martin), *Draft*. June 2009.

Book Chapters:

1. Interactions between Selected Energy Use and Production Characteristics of German Manufacturing Plants, (with Sebastian Petrick and Katrin Rehdanz). In: Moshfegh, B. (ed.), *World Renewable Energy Congress – Sweden, 8-13 May, 2011*: 867-874. Linköping, Sweden.
2. Trading Behavior in the EU Emissions Trading Scheme (with Ralf Martin and Mirabelle Muûls). In: Gronwald, M. and Hintermann, B. (eds.), *Emissions Trading Systems as a Policy Instrument: Evaluation and Prospects*, MIT Press, Cambridge, MA, July 2015.

Policy Papers:

1. The polluter-doesn't-pay principle (with Ralf Martin and Laure de Preux). CentrePiece. Spring 2012.
2. Still time to reclaim the European Union Emissions Trading System for the European tax payer (joint with Ralf Martin and Mirabelle Muûls), CEP Policy Brief 10. May 2010.

Non-English Language Publication:

1. Wagner, U.J. (2014). Política sobre el cambio climático y sector manufacturero: la experiencia de "Comercio de Carbono". *Revista de Economía Industrial* 393(3): 33-40.

Research Grants:

Spanish Ministry for Economy and Competitiveness, "Ramón y Cajal" grant RYC-2013-12492, "Empirical Analysis of Market-Based Environmental Policies" (Sole PI), 2014-2015.

Fundación Ramón Areces Grant, "The co-benefits of the European Emissions Trading Scheme: An Empirical Analysis" (Sole PI), 2013-15.

Spanish Ministry for Economy and Competitiveness grant ECO2012-31358 "Decisiones individuales y desarrollo económico y social: Aplicaciones empíricas a economía familiar, economía laboral y organización industrial" (PI: Raquel Carrasco Perea), 2013-15.

Grantee under the Data Without Boundaries Project. EU 7th Framework Program, May 2012.

ESRC grant #ES/J006742/1, "A Firm-level evaluation of the European Union Emissions Trading System" (PI: Mirabelle Muûls), 2012-13.

Spanish Ministry for Science and Innovation, "Juan de la Cierva" grant JCI-2009-04392 (Sole PI), 2009-2012.

Spanish Ministry for Science and Education grant #SEJ2007-62908 "Contrastes de Especificación de Modelos Económicos" (PI: Miguel Ángel Delgado González), 2007-12.

ESRC grant #RES-000-22-2711, "The Effects of the Climate Change Levy and Climate Change Agreements on Businesses in the United Kingdom: Evidence from Microdata" (with Ralf Martin), 2007-08.

Fellowships, Honors, and Awards:

Erik Kempe Award in Environmental and Resource Economics, 2015

Vertrauensdozent, German National Academic Foundation, 2013-15

Earth Institute Fellowship, Columbia University, 2006-08

Joseph L. Fisher Dissertation Fellowship, Resources for the Future, 2005-06

John F. Enders Fund Award, Yale University, 2005

Leitner Award in International and Comparative Political Economy, Yale University, 2005

European Recovery Program Fellowship, German Ministry of Economics and Labor 2003-05

Doctoral Fellowship and economics departmental award, Yale University, 2001-06

Godin Guitars Scholarship, Berklee College of Music, Summer 2004

Holsteiner Studienpreis for academic merit (university wide), University of Kiel, 2001

Erich Schneider Awards for highest GPA (2001) and best *Diplom* thesis (2000), University of Kiel

German National Academic Foundation fellowship 1996-2001, 2003-2005
ERASMUS scholarship by the European Union for studies in Paris, 1998

Teaching Experience:

University of Mannheim

Principles of Economics: Microeconomics (BA, German), Fall 2015
Empirical environmental economics (MA), Fall 2015

Universidad Carlos III de Madrid

Industrial Organization (PhD), Fall 2014
Markets and the Environment (BA, English and Spanish), Fall 2010, Fall 2011, Fall 2012, Fall 2014
Industrial Organization (BA, Spanish), Spring 2009, Spring 2010

Yale University (as teaching fellow)

Economics of Natural Resource Management (Masters), Professor Sheila Olmstead, Spring 2005
Economics of Natural Resources (undergraduate/PhD), Professor Robert Mendelsohn, Fall 2003

Thesis Advising:

PhD committee at Carlos III (first placement):

Anett Erdman (2015, Assistant Professor, Universidad Alberto Hurtado), Joseph Gomes (2013, Postdoc, University of Essex), Zeynep Ozkok (2013, Assistant Professor, St. Francis Xavier University)

Masters:

Felix Holub (2015), Martin Siebler (2015), Ana Ramos (2011), Michael Cordes

Undergraduate Thesis:

Nicolas Marchesotti (2012), Adriana da Silva (2013), Luis Tejedor (2013), Laura Heimburger

Departmental Service:

Initiator and coordinator, economics computing cluster at Carlos III, 2009-2015
Coordinator for environmental economics in the economics core curriculum at Carlos III, 2010-15

Professional Service:

Program Committee, European Economic Association, Mannheim, 2015.
Scientific Committee, Mannheim Energy Conference, Mannheim, 2015, 2016
Programm Comittee, Verein für Socialpolitik, Annual Meeting, Münster 2015
Program Committee, Summer Conferences of the Association of Environmental and Resource Economists, 2011-2013, 2015

Consultant:

HM Government, Department for Energy and Climate Change, 2012
Organisation for Economic Co-operation and Development, Environment Directorate, 2008-09
The World Bank, Mexico Air Quality Management Team, 2002-03
The World Bank, Latin America and Caribbean Environment Department, Summer 2002

Conference and Workshop Presentations:

AERE Summer Conference, San Diego, June 3-5, 2015
Second Environmental Protection and Sustainability Forum (keynote), Bath, April 9-11, 2015
ZEW Workshop on Emissions Trading in China and in the EU, Mannheim, December 18-19, 2014
IZA Workshop on the Labour Market Effects of Environmental Policies, Bonn, September 4-5, 2014
NBER Summer Institute Environmental and Energy Economics, Boston, July 21-22, 2014
6th Atlantic Workshop on Energy and Environmental Economics, A Toxa, June 25-26, 2014
AURÖ/German Economic Association, Annual Conference, Oldenburg, May 8-10, 2014
Workshop on Eco Innovation in the European Union, Università di Ferrara, September 24-25, 2013
IZA Workshop on the Labour Market Effects of Environmental Policies, Bonn, September 6-7, 2013
European Economic Association Annual Congress, Gothenburg, August 26-30, 2013
CESifo Summer Institute, Venice, July 22-23, 2013
ASSA meetings, San Diego, January 3-6, 2013
NBER Summer Institute Environmental and Energy Economics, Boston, July 29-30, 2012
5th Atlantic Workshop on Energy and Environmental Economics, A Toxa, June 25-26, 2012
AERE Summer Conference, Seattle, WA, June 9-10, 2011
International Forum on Environmental Sustainability, University of Exeter, April 14, 2011
NBER Summer Institute, Environmental and Energy Economics, July 30, 2010.
SURED 2010 conference, Ascona, June 7-10, 2010.
AERNA fourth conference, Gran Canaria, June 2-5, 2010.
Roundtable on Carbon Pricing and Investment Response, CPI/DIW Berlin, February 5, 2010
ASSA meetings, AERE sessions, Atlanta, January 5, 2010
Workshop on Political Economy and the Environment, UCL/CORE, October 22, 2009
Workshop on Globalization and the Environment, Kiel Institute, September 25, 2009
Annual Conference of the European Association of Environmental and Resource Economists, VU Amsterdam, June 24-27, 2009
NBER Summer Institute Energy and Environmental Economics (research sketch), July 21, 2008
North American Summer Meeting of the Econometric Society, Duke University, June 21, 2007
Coalition for Rainforest Nations, Economic Seminar, Columbia GSB, January 15, 2007
NBER Summer Institute Public Policy and the Environment (research sketch), July 28, 2005
NAREA/CAES annual meetings, June 21, 2004
AERNA first conference, June 19, 2004
NBER Summer Institute Public Policy and the Environment (research sketch), July 28, 2003

Invited Seminars (including scheduled):

RWTH Aachen University (2012)
Universidad de Alicante (2008, 2015)
Banco de España (2013)
Universidad Autónoma de Barcelona (2014)
UC Berkeley (2008)
TU Berlin (2015)
Bocconi University (2015)
Universität Bern (2014)
Universidad Carlos III de Madrid (2008, 2010, 2012)
CEMFI (2004, 2009)
CCHS/CSIC (2010)
Colby College (2008)
Columbia University (2008)
Columbia Earth Institute (2008)
Heinrich-Heine-Universität Düsseldorf (2013)
European University Institute (2015)

FEDEA (2008)
Helsinki Center of Economic Research (2015)
Hunter College, City University of New York (2008)
IESE Business School (2008)
Kiel Institute for the World Economy (2003)
Kiel University (2011)
Maastricht University (2012)
Universität Mannheim (2014)
Westfälische Wilhelms-Universität Münster (2013)
Universidad Pública de Navarra (2014)
New York University Wagner School of Public Service (2008)
OECD Joint Meetings on Tax and the Environment (2009)
Carl-von-Ossietzky-Universität Oldenburg (2015)
Paris School of Economics, Université de Paris I Panthéon-Sorbonne (2010)
Paris Environmental and Energy Economics Seminar, CIRED (2012)
University of Stirling (2013)
Toulouse School of Economics (2009)
The World Bank (2012)
Yale University (2003, 2005-2007)

Referee Service:

American Economic Review, American Political Science Review, B.E. Journal of Economic Analysis & Policy, British Journal of Political Science, California Management Review, China Economic Review, Ecological Economics, Economic Inquiry, Empirical Economics, Environmental and Resource Economics, Environment and Development, The Energy Journal, Energy Efficiency, Energy Policy, European Economic Review, European Journal of Operational Research, Human Development Report, Journal of the Association of Environmental and Resource Economists, Journal of Business and Economics Statistics, Journal of Public Economics, Journal of Public Economic Theory, Journal of Public Policy, Global Environmental Change, International Economic Review, International Journal of the Economics of Business, Journal of Environmental Economics and Management, Journal of the European Economic Association, Oxford Economic Papers, Resource and Energy Economics, Review of Economic Studies, Review of World Economics, Scandinavian Journal of Economics, Utilities Policy, University of Chicago Press

Language Skills:

German (native)
English (fluent)
French (proficient)
Spanish (fluent)
Portuguese (basic)

Personal:

Born 1976
German citizen
Married with two children

January 2016