

## CURRICULUM VITAE

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## EDUCATION

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January 2003 **Humboldt University Berlin**, Department of Economics and Business Administration  
“Habilitation”  
Title of habilitation thesis: “Strategic Aspects of Cooperation in the Presence of Multilateral Externalities”  
Supervisors: Prof. Dominique Demougin, Ph.D.  
Prof. Dr. Bengt-Arne Wickström

July 1999 **Humboldt University Berlin**, Department of Economics and Business Administration  
Ph.D, Economics (*summa cum laude*)  
Title of doctoral thesis: “Economic Theories of International Environmental Cooperation”  
Supervisors: Prof. Dr. Bengt-Arne Wickström  
Prof. Dr. Udo Ernst Simonis

December 1994 **Free University Berlin**, Department of Political Science  
*Diplom in Political Science* (equivalent to MA degree)

Oct 1992 – Sep 1993 **University of Sussex / UK**, Department of Economics  
*Master of Arts in Development Economics*

Oct 1988 – Sep 1992 **Free University Berlin**, Departments of Economics and Political Science  
Undergraduate and graduate studies in Economics and Political Science

June 1986 Abitur (University Entrance Examination), Ratsgymnasium Hannover

## PROFESSIONAL EXPERIENCE

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Since October 2010	<b>University of Oldenburg</b> , Department of Economics and Law “Full Professor” for Public Economics
2005 – 2010	<b>Technical University Darmstadt</b> , Department of Business Administration, Economics and Law “Associate Professor” for Applied Microeconomics, especially Institutional Economics
Apr 2001 – Mar 2005	<b>Humboldt University Berlin</b> , Department of Economics and Business Administration “Assistant Professor” at the Walther-Rathenau Institute for Organisation Theory
Aug 1999 – Apr 2001	<b>Otto-von-Guericke-University Magdeburg</b> , Faculty of Economics and Management “Assistant Professor” at the Institute for Public Economics
Jan 1995 – July 1999	<b>Potsdam Institute for Climate Impact Research (PIK)</b> “Research assistant and PhD candidate” in the “Global Change and Social Systems” department
Longer research stays	<b>Harvard University</b> , Harvard Environmental Economics Program, Visiting Scholar (Mai – Juli 2013). <b>Free University of Bozen</b> , School of Economics & Mangement (March 2009) <b>Osaka University</b> , Institute of Social and Economic Research (ISER) Visiting Foreign Scholar (Sep – Nov 2001) <b>Stockholm University</b> , Department of Economics (Sep – Dec 1998)
Memberships	Verein für Socialpolitik (German Economic Association), American Economic Association, European Association of Environmental Economists, Royal Economic Society, German Economic Association of Business Administration, Standing Field Committee on Environmental and Resource Economics of the Verein für Socialpolitik
Activities as referee for journals	Annals of Operations Research, B.E. Journal of Economic Analysis & Policy, Economic Inquiry, Economic Journal, Ecological Economics, Economic Modelling, Energy Economics, Energy Policy, Environment and Development Economics, Environmental and Resource Economics, Environmental Economics and Policy Studies, Environmental Modelling & Assessment, Environmental Values, European Economic Review, European Journal of Political Economy, Finanzarchiv, Global Environmental Politics, International Economic Review, International Journal of Game Theory, International Game Theory Review, Journal of Conflict Resolution, Journal of Economic Behavior & Organization, Journal of Economic Dynamics and Control, Journal of Economics & Management Strategy, Journal of Economics, Journal of Environmental Economics and Management, Journal of the European Economic Association, Journal of Institutional and Theoretical Economics, Journal of Public Economics, Journal of Public Economic Theory, Management Science, Oxford Economic Papers, Perspektiven der Wirtschaftspolitik,

	Public Choice, Research in Economics, Resource and Energy Economics, Review of International Economics, Scandinavian Journal of Economics, Strategic Behavior and the Environment, Southern Economic Journal, Theory and Decision
Academic administration	Dean of Students, Department of Economics and Law, University of Oldenburg (2015-2017 and 2021/22)  Vice Dean, Department of Business Administration, Economics and Law, Technical University Darmstadt (2007-2010)  Deputy Dean, “Graduate School of Economics, Finance and Management” (GSEFM) of the Goethe-University Frankfurt am Main, Technical University Darmstadt and Johannes Gutenberg-University Mainz (2010)

## PUBLICATIONS

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### Books and edited books

1. *Economic Theories of International Environmental Cooperation*, New Horizons in Environmental Economics Series, Cheltenham: Edward Elgar, 2000, 208 pages.
2. *Zukunftsfähige Entwicklung – Herausforderungen an Wissenschaft und Politik*, edited with Frank Biermann and Sebastian Büttner, Berlin: edition sigma, 1997, 330 pages.
3. *Nachhaltige Entwicklung – Leitbild für die Zukunft von Wirtschaft und Gesellschaft*, with Rolf Kreibich, Ekatarina Atmazidis, Siegfried Behrendt, Michael Knoll and Roland Nolte, edited by Rolf Kreibich, Weinheim und Basel: Beltz Verlag, 1996, 224 pages.
4. Sind Freihandel und Umweltschutz vereinbar? Ökologischer Reformbedarf des GATT/WTO-Regimes, Berlin: edition sigma, 1995, 180 pages.

### Articles in refereed journals

5. Steering the energy transition in a world of intermittent electricity supply: Optimal subsidies and taxes for renewables and storage, with Mathias Mier, *Journal of Environmental Economics and Management*, 109, 102497, 2021.
6. Multitasking: incentivizing agents differing either in their work ethic or intrinsic motivation. with Franz Wirl *Journal of Economics*, 132(1), 41-65, 2021.
7. On the efficient market diffusion of intermittent renewable energies, with Mathias Mier, *Energy Economics*, 80, 812-830, 2019.
8. Climate policies with private information: The case for unilateral action, with Franz Wirl, *Journal of the Association of Environmental and Resource Economists*, 3(14), 893-916, 2016.

9. Multilateral externalities: Contracts with private information either about costs or benefits with Franz Wirl,  
*Economics Letters*, 141, 27-31, 2016.
10. Climate Cooperation with Technology Investments and Border Carbon Adjustment, with Robert Schmidt,  
*European Economic Review*, 75, 112-130, 2015.
11. Climate Policy with Technology Transfers and Permit Trading with Stefan Pichler,  
*Environmental & Resource Economics*, 60(1), 37-54, 2015.
12. The Principal-Agent Model with Multilateral Externalities: An Application to Climate Agreements, with Franz Wirl,  
*Journal of Environmental Economics and Management*, 67, 141-154, 2014.
13. Coalition Governments and Policy Reform with Asymmetric Information, with Michael Neugart,  
*Journal of Institutional and Theoretical Economics*, 169(3), 383–406, 2013.
14. Job matching when employment contracts suffer from moral hazard with Dominique Demougin  
*European Economic Review*, 55, 964-979, 2011.
15. The Case for International Emission Trade in the Absence of Cooperative Climate Policy, with Jared Carbone and Thomas F. Rutherford,  
*Journal of Environmental Economics and Management*, 58(3), 266–280, 2009.
16. How Liable Should an Exporter Be? The Case of Trade in Hazardous Goods,  
*International Review of Law and Economics*, 28(4), 263–271, 2008.
17. Subsidising Technological Innovations in the Presence of R&D Spillovers, with Anja Schöttner  
*German Economic Review*, 9(3), 339–353, 2008.
18. On the Fair Division of Greenhouse Gas Abatement Cost, with Christoph Böhringer  
*Resource and Energy Economics*, 30(2), 260–276, 2008.
19. Fair Division Theory and Climate Change Policy,  
*Environment and Development Economics*, 13, 1–15, 2008.
20. Output and Wages with Inequity Averse Agents, with Dominique Demougin and Claude Fluet,  
*Canadian Journal of Economics*, 39(2), 399–413, 2006.
21. Moral Hazard and Bargaining Power, with Dominique Demougin,  
*German Economic Review*, 7(4), 1-8, 2006.
22. International Emissions Trading with Endogenous Allowance Choices,  
*Journal of Public Economics*, 87(12), 2737–2747, 2003.
23. On the Existence of a Cooperative Solution for a Coalitional Game with Externalities,  
*International Journal of Game Theory*, 30(1), 141–146, 2001.  
Reprinted in: Michael Finus and Alejandro Caparros (2014): *Game Theory and International Environmental Cooperation*, Cheltenham: Edward Elgar.
24. Distributive Justice in International Environmental Policy. Theoretical Foundation and Exemplary Formulation,

- with Udo E. Simonis  
*Environmental Values*, 10(1), 5–18, 2001.
25. Measuring the Effectiveness of International Environmental Regimes,  
 with Detlef Sprinz,  
*The Journal of Conflict Resolution*, 44(5), 630–625, 2000.  
 Reprinted in:  
 Peter Dauvergne (2013): *Environmental Politics*, Cheltenham: Edward Elgar.  
 Beth A. Simmons (2008): *International Law*, London: SAGE Publication.
26. Climate Change Decision-Support and the Tolerable Windows Approach,  
 with Thomas Bruckner, Gerhard Petschel-Held, Ferenc L. Tóth, Hans-Martin Füssel, Marian  
 Leimbach and Hans-Joachim Schellnhuber,  
*Environmental Modeling and Assessment*, 4(4), 217–234, 1999.
27. The Effect of Global Environmental Regimes – A Measurement Concept,  
 with Detlef Sprinz,  
*International Political Science Review*, 20(4), 359–369, 1999.
28. Value Judgments and the Choice of Climate Protection Strategies,  
 with Thomas Bruckner and Ferenc L. Tóth,  
*International Journal of Social Economics*, 26(7/8/9), 974–998, 1999.
29. International Cooperation Behind the Veil of Uncertainty – The Case of Transboundary  
 Acidification,  
*Environmental & Resource Economics* 12(2), 185–201, 1998.
30. A Policy for Trade and the Environment in a Global Economy,  
*Economics* 55/56, 94–112, 1997  
 (reprinted in Hans Singer, Neelambar Hatti and Rameshwar Tandon (eds.), *Trade and  
 Environment: Recent Controversies*, New World Order Series 21, Delhi: B.R. Publishing, 1039–  
 1064, 2003).
31. Transboundary Environmental Problems and New Trade Rules,  
*International Journal of Social Economics* 23(8), 29–45, 1996.

## **Contributions to Books**

32. Weltökologie und globale Umweltpolitik  
 with Udo E. Simonis and Frank Biermann  
 in: Ingomar Hauchler, Dirk Messner and Franz Nuscheler (Hg.), *Globale Trends 2004/2005.  
 Fakten, Analysen, Prognosen*, Frankfurt: Fischer, 180–193, 2003.
33. Das internationale Regime zur Kontrolle des Handels mit gefährlichen Abfällen  
 with Matthias Buck  
 in: Jürgen Gabriel and Michael Neugart (Hg.), *Ökonomie als Grundlage politischer Entscheidungen*,  
 Opladen: Leske + Budrich, 323–343, 2001.
34. Verteilungsgerechtigkeit in der internationalen Umweltpolitik: Theoretische Fundierung und  
 exemplarische Formulierung,  
 with Udo E. Simonis  
 in: Claus Leggewie und Richard Münch (eds.), *Politik im 21. Jahrhundert*, Frankfurt a.M.:  
 Edition Suhrkamp, 211–227, 2001.
35. Sustainability and New Economic Policy Options – The Example of International Emissions  
 Trading,  
 in: Paul J.J. Welfens (ed.), *Internationalization of the Economy and Environmental Policy Options*,  
 Heidelberg: Springer-Verlag, 193–196, 2001.

36. The Politics of the Science of Climate Change,  
with Hans-Joachim Schellnhuber  
in: José L. Lozán, Hartmut Graßl and Peter Hupfer (ed.), *Climate of the 21<sup>st</sup> Century – Changes and Risks*, Berlin: Parey Buchverlag, 364–367, 2001.
37. Applying Fairness Criteria to the Allocation of Climate Protection Burdens –  
An Economic Perspective,  
in: Ferenc L. Tóth (ed.), *Fair Weather? – Fairness and Equity Concerns in  
Climate Change*,  
London: Earthscan, 80–93, 1999.
38. Zur gerechten Verteilung der Lasten des Klimaschutzes – Eine ökonomische Perspektive,  
in: Egbert Läge, Peter Schaumann and Ulrich Fahl (ed.), *Treibhausgasminderung in Deutschland  
zwischen nationalen Zielen und internationalen Verpflichtungen*,  
Jülich: Schriften des Forschungszentrums Jülich, Band 14, 69–86, 1999.
39. Commentary – Criteria for an Equitable Distribution of Internationally  
Tradeable Emission Certificates,  
in: Hans-Joachim Schellnhuber and Volker Wenzel (eds.), *Earth System Analysis – Integrating  
Science for Sustainability*,  
Berlin: Springer Verlag, 337–341, 1998.
40. Wissenschaftliche Aussagen zum Klimawandel – Zum politischen Umgang mit objektiv  
unsicheren Ergebnissen der Klimaforschung  
with Hans-Joachim Schellnhuber,  
in: José L. Lozán, Hartmut Graßl und Peter Hupfer (eds.), *Warnsignale aus der Klimaentwicklung  
– Wissenschaftliche Fakten*,  
Berlin: Parey Buchverlag, 364–367, 1998.
41. Fair play im Treibhaus – Zur gerechten Verteilung von Emissionsrechten,  
in: Frank Biermann, Sebastian Büttner und Carsten Helm (eds.), *Zukunftsfähige Entwicklung –  
Herausforderungen an Wissenschaft und Politik*,  
Berlin: edition sigma, 205–220, 1997.
42. Neue Themen für die WTO in der Globalisierung – Wettbewerbsordnung, Sozialstandards  
und Umweltschutzbestimmungen,  
in: Werner Fricke und Else Fricke (eds.), *Jahrbuch Arbeit und Technik 1997*,  
Bonn: J.H.W. Dietz, 275–285, 1997.
43. Elemente der Zukunftsfähigkeit – Eine Einleitung,  
mit Frank Biermann und Sebastian Büttner,  
in: Frank Biermann, Sebastian Büttner und Carsten Helm (eds.), *Zukunftsfähige Entwicklung –  
Herausforderungen an Wissenschaft und Politik*,  
Berlin: edition sigma, 15–28, 1997.
44. Umwelt- und Handelspolitik in einer globalisierten Wirtschaft,  
in: Udo E. Simonis (ed.), *Weltumweltpolitik – Grundriß und Bausteine eines neuen Politikfeldes*,  
Berlin: edition sigma, 219–242, 1996.
45. Weltumweltpolitik und ökonomische Theorie,  
in: Udo E. Simonis (ed.), *Weltumweltpolitik – Grundriß und Bausteine eines neuen Politikfeldes*,  
Berlin: edition sigma, 266–287, 1996.

## **Other Publications**

46. Allmende, Basler Konvention, Welthandelsorganisation,  
in: Udo E. Simonis (ed.), *Öko-Lexikon*, München: C.H. Beck, 2003.

47. Kompensation mit Grenzen – Internationale Gerechtigkeit: Das Beispiel der Klimapolitik, *Ökologisches Wirtschaften* 3/4 (Spezial), 3–4, 2002.
48. *Zehn Jahre Basler Übereinkommen: Internationaler Handel mit gefährlichen Abfällen*, mit Matthias Buck, Gutachten im Auftrag der Friedrich-Ebert-Stiftung, Bonn, 1999, 51 Seiten.
49. *Rezension von:* Thomas Bernauer und Dieter Ruloff, 1999, Handel und Umwelt: Zur Frage der Kompatibilität internationaler Regime, Opladen: Westdeutscher Verlag. Erschienen in: *Swiss Political Science Review*, 5(3), 135–136, 1999.
50. Sind Freihandel und Umweltschutz vereinbar?, in: *Ein Ordnungsrahmen für die Weltwirtschaft – nötig und möglich*. Wirtschaftspolitische Diskurse, Nr. 119, Bonn: Friedrich-Ebert-Stiftung, 28–33, 1998.
51. Internationale Umweltabkommen und die WTO – Balanceakt zwischen Mißtrauen und Kooperation, *Ökologisches Wirtschaften* 1, 23–25, 1997.
52. Wege in eine bessere Zukunft – Mögliche Elemente einer ökologischen Reform des GATT/WTO-Regimes, *Politische Ökologie* 14(45), 56–59, 1996.
53. Handel und Umwelt – Ökologischer Reformbedarf des GATT, *WZB-Mitteilungen*, Heft 68 (Juni), 22–24, 1995.