

PERSONAL INFORMATION

Address University of Basel, Faculty of Business and Economics
Peter Merian-Weg 6, office 4.42
4002 Basel, Switzerland

Tel. +41 61 207 3339

e-mail b.hintermann(at)unibas.ch

ORCID ID <https://orcid.org/0000-0002-8078-636X>

Google Scholar <https://scholar.google.ch/citations?hl=en&user=6br0JWUAAAAJ>

EMPLOYMENT HISTORY

Since 2015 Associate Professor of Public Economics, University of Basel, Switzerland

2010-2015 Assistant Professor of Public Economics, University of Basel

2009-2010 Postdoctoral researcher, ETH Zurich, Centre for Energy Policy and Economics

2006-2008 Teaching and Research Assistant, University of Maryland, USA

2005-2006 Short-term Consultant, World Bank, Washington DC, USA

2001-2004 Research Associate, Radioactive Waste Management Associates, New York, USA

EDUCATION

2004-2009 University of Maryland, USA
Degrees: M.S. (2007) and Ph.D. (2009) in Agricultural and Resource Economics

1994-2000 ETH Zurich, Switzerland
Degree: M.S. in Environmental Sciences

OTHER AFFILIATIONS AND MEMBERSHIPS

Research Fellow of the CESifo Research Network.

Association of German-speaking Economists – Chapter of Env. and Resource Economists (AURÖ).

Member of the American Economic Association; European Association of Environmental and Resource Economics; Association of Environmental and Resource Economists; Royal Society of Economics; Swiss Society of Economics and Statistics.

RESEARCH INTERESTS

Environmental economics; public economics; behavioral public finance; valuation of non-market goods; health economics; economics of transportation.

TEACHING ACTIVITIES

Bachelor level: Fundamentals of public economics (lecture); Bachelor seminar in public economics.

Master and Ph.D. level: Advanced Public Economics: Expenditure and Taxation; Master seminar in public economics.

ARTICLES PUBLISHED IN PEER-REVIEWED JOURNALS

- Armbruster, S. and Hintermann, B. (2020). Decentralization with porous borders: Public production in a federation with tax competition and spillovers. *International Tax and Public Finance*, 27(3): 606-642 [[Open Access](#)].
- Hintermann, B. and Gronwald, M. (2019). Linking with Uncertainty: The Relationship Between EU ETS Pollution Permits and Kyoto Offsets. *Environmental and Resource Economics*, 74(2), 761-784. [[Open Access](#)].
- Kuhlmeiy, F. and Hintermann, B. (2019). The welfare costs of Tiebout sorting with true public goods. *International Tax and Public Finance*, 26(5), 1166-1210. [[Open Access](#)]
- Hintermann, B. and Rutherford, T. F. (2017). Social planning and coercion under bounded rationality with an application to environmental policy. *International Tax and Public Finance*, 24(5), 854-878.
- Hintermann, B. (2017). Market power in emission permit markets: Theory and evidence from the EU ETS. *Environmental and Resource Economics*, 66(1), 89-112.
- Hintermann, B. (2016). Pass-through of CO2 emission costs to hourly electricity prices in Germany. *Journal of the Association of Environmental and Resource Economists*, 3(4), 857-891.
- Hintermann, B., Peterson, S. and Rickels, W. (2016). Price and Market Behavior in Phase II of the EU ETS: A Review of the Literature. *Review of Environmental Economics and Policy*, 10(1), 108-128.
- Fell, H., Hintermann, B. and Vollebergh, H. (2015). Carbon content of electricity futures in Phase II of the EU ETS. *The Energy Journal*, 36(4).
- Higgins, N., Hintermann, B. and Brown, M. E. (2015). A model of West African millet prices in rural markets. *Food policy*, 52, 33-43.
- Götschi, T. and Hintermann, B. (2014). Valuing public investments to support bicycling. *Swiss Journal of Economics and Statistics*, 150(4), 297-329.
- Hintermann, B. and Lange, A. (2013). Learning abatement costs: On the dynamics of the optimal regulation of experience goods. *Journal of Environmental Economics and Management*, 66(3), 625-638.
- Gans, W. and Hintermann, B. (2013). Market effects of voluntary climate action by firms: Evidence from the Chicago Climate Exchange. *Environmental and Resource Economics*, 55(2), 291-308.
- Hintermann, B. (2012). Pricing emission permits in the absence of abatement. *Energy Economics*, 34(5), 1329-1340.
- Hintermann, B. (2011). Market power, permit allocation and efficiency in emission permit markets. *Environmental and Resource Economics*, 49(3), 327-349.
- Hintermann, B. (2010). Allowance price drivers in the first phase of the EU ETS. *Journal of Environmental Economics and Management*, 59(1), 43-56.
- Hintermann, B., Alberini, A. and Markandya, A. (2010). Estimating the value of safety with labour market data: Are the results trustworthy?. *Applied Economics*, 42(9), 1085-1100.
- Brown, M. E., Hintermann, B. and Higgins, N. (2009). Markets, climate change, and food security in West Africa. *Environmental Science & Technology*, 43(21), 8016-8020.

BOOKS AND BOOK CHAPTERS

- Emissions Trading and Market Manipulation (2016). In: S. Weishaar and E. Woerdman (Eds), Research Handbook on Emissions Trading, Chapter 5 in Part 2. Cheltenham: Edward Elgar.
- Emissions Trading as a Policy Instrument: Evaluation and Prospects (2015), with Marc Gronwald (eds). CESifo Seminar Series. Cambridge: MIT Press, 289 pp.
- The EU ETS (2015), with Marc Gronwald. In: Gronwald, M. and B. Hintermann (Eds), Emissions Trading as a Policy Instrument: Evaluation and Prospects. Cambridge: MIT Press, p. 15-23.
- Reassessing the Importance of Permit Allocation Methods in Emission Permit Markets, with I. A. MacKenzie (2011). In: Daniels, J. A. (Ed), Advances in Environmental Research Vol. 12, Nova Science Publishers Inc, pp 207-238 (Open Access).

WORKING PAPERS AND WORK IN PROGRESS

- Pass-through of emissions costs to prices in the manufacturing sector, with Corrado Di Maria and Maja Zarkovic. Mimeo.
- The cost of emissions abatement in German manufacturing firms, with Corrado Di Maria and Maja Zarkovic. Mimeo.
- Dynamic (Environmental) Policy Choices in Presence of Social Norms (2018), with Andreas Lange. Mimeo.
- The effect of flood events on land and housing value: Evidence from the Swiss real estate market, with Stephanie Armbruster and Andreas Zischg. Mimeo.
- Why Life Is so Valuable at Its End: Health Care Allocation in the Presence of Learning Spillovers (2017), with Matthias Minke. Mimeo.
- The Intricacy of Adapting to Climate Change: Flood Protection as a Local Public Goods Game, with Ralph Winkler, Anton Bondarev and Frank Krysiak (2017). CESifo Working paper No. 6382.

OTHER PUBLICATIONS

- Molloy, J., Tchervenkov, C., Hintermann, B., Axhausen, K. (2020). Tracing the Sars-CoV-2 Impact: The First Month in Switzerland. *Transport Findings*, May. ([Link](#))
- Hintermann, B. and Minke, M. (2020). Medizinische Lerneffekte berücksichtigen. *Volkswirtschaft*, 7/2020: 23-25. ([Link](#))
- Hintermann, B. and Zarkovic, M. (2020). Carbon pricing in Switzerland: A fusion of taxes, command-and-control, and permit markets. *Ifo DICE Report*, 18(1):35-41. ([Link](#))
- Hintermann, B. (2020). Der Strom für Elektroautos verursacht kein zusätzliches CO₂. *Tages-Anzeiger*, 21.2.2020. ([Link](#))
- Hintermann, B. (2019). A Guide to EU Renewable Energy Policy: Comparing Europeanization and Domestic Policy Change in EU Member States, edited by Israel Solorio and Helge Jörgens (Edward Elgar, 2017). Book Review published in the *Energy Journal* 40(5): 267-269, 2019.
- Hintermann, B. (2019). Rettet den Eigenmietwert! *Tages-Anzeiger*, 28.2.2019. ([Link](#))
- Hintermann, B. (2019). CO₂-Reduktionen in der Schweiz dank der EU, *NZZ*, 5.2.2019. ([Link](#))

APPROVED GRANTS

- “Empirical analysis of mobility behavior in the context of dynamic pricing”, Co-PI. Joint Activity SCCER CREST-Mobility, WS3, co-financing by the Swiss department of roads (ASTRA). Time period: 2018-2020. Amount funded (total project): CHF 1,137,100.

- «Auswirkungen und Anreizeffekte der Einführung von Fallpauschalen», PI. WWZ Förderverein Project Nr. FV-62. Period: Calendar year 2018. Amount funded: CHF 21,960.
- “Estimating the Effect of Climate Policy on Swiss Firms”, PI. WWZ Förderverein Project Nr. FV-63. Period: 2018. Amount funded: CHF 11,619.
- “Measuring the Effectiveness and Efficiency of the European Union Emissions Trading Scheme”, PI. Swiss National Foundation (SNF), project Nr. 163054. Period: 2016-2019. Amount funded: CHF 196,345.
- “The Valuation of Medical Interventions at the End of Life”, Principal Investigator. Swiss National Foundation (SNF), National Research Programme “End of Life” (NRP 67), project Nr. 145090. Period: 2013-2017. Amount funded: CHF 234,342.
- “Climate Change Extremes and Adaptation Strategies considering Uncertainty and Federalism (CCAdapt)”, Co-PI. Swiss National Foundation (SNF), Sinergia project Nr. CRSIII_147619. Period: 2015-2017. Amount funded (total project): CHF 1,516,200.
- “Competition about Income or Property Taxation?”, PI, WWZ Förderverein Project Nr. FV-55. Period: 2017. Amount funded: CHF 38,064.
- “Integrated Demand, Safety and Impact Model for Bicycling (IDSI BICY)”, Co-PI. Sustainable Development at Universities Programme, Swiss Academics of Arts and Science. Period: 2015-2016. Amount funded: CHF 58,132.
- «Wirksamkeit klima- und energiepolitischer Massnahmen - Eine empirische Analyse», Co-PI. WWZ Förderverein Project Nr. FV-22. Period: 1.4.2013-30.9.2014. Amount funded: CHF 43,019.
- “Bewertung des Gesundheitsnutzens des Velofahrens in Basel und Zürich», PI. WWZ Förderverein Project Nr. FV-09. Period: 1.10.2010-30.9.2011. Amount funded: CHF 34,690.

CONFERENCE ORGANIZATIONS

- Workshop: “Environmental Regulation: Emission Trading and Power Markets.” ETH Zurich, 29-30 September 2017.
- CESifo Venice Summer Institute Workshop titled “Emissions trading systems as a climate policy instrument: Evaluation and prospects”, 22-23 July 2013.

COMMUNITY SERVICE

- Co-Editor, Resource and Energy Economics (Elsevier), since 2017.
- Individual reviewing activities: American Journal of Agricultural Economics, BE Journal of Economic Analyses, Cambridge Elements, Climate Policy, Climatic Change, Environmental and Resource Economics, Ecological Economics, Energies, Energy Economics, Energy Journal, Energy Policy, Environmental Science & Technology, Environment and Development Economics, European Economic Review, Financial Innovation, German Federal Ministry of Education and Research, International Journal of Sustainable Transportation, International Tax and Public Finance, Journal of Benefit-Cost Analysis, Journal of Environmental and Economics and Management, Journal of Public Economics, Journal of Regulatory Economics, Journal of the Association of Environmental Economists, Nature Climate Change, Operational Research, Oxford Economics Papers, Public Finance & Management, Resource and Energy Economics, Scandinavian Journal of Economics, Strategic Behavior & Environment, Sustainability, Swiss National Science Foundation.

INVITED PRESENTATIONS

- 2020: ETH Zurich; 2019: College of Europe, Bruges; University of Hamburg. 2018: DIW Berlin, EUI Florence, Aalto University Helsinki. 2017: Ecole Polytechnique Paris, University of Munich. 2016:

University of Calgary, UC Berkeley, Chapman University, Univ. of Nevada at Reno. 2015: MCC Berlin, University of Bern, University of East Anglia, University of Hamburg. 2014: ETH Zurich; University of Aberdeen. 2013: ZEW Mannheim; University of Birmingham; USI Lugano; Toulouse School of Economics; Geneva Graduate Institute. 2012: University of Neuchatel. 2011: University of Hamburg. 2010: University of Wisconsin at Madison; Université de Québec á Montréal; University of Basel. 2009: ETH Zürich; CESifo München. 2008: NASA Goddard Space Flight Center.

RESEARCH VISITS

2016: Dept. of Agricultural and Resource Economics, UC Berkeley

2010: CESifo, Munich.

AWARDS

Outstanding Doctoral Dissertation-Honorable Mention Award, Agricultural & Applied Economics Association (AAEA), 2010.

Bill Lessley award for best dissertation, Department of Agricultural and Resource, Economics, University of Maryland, 2009.

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