

CURRICULUM VITAE

June 23, 2021

Prof. Werner Antweiler, Ph.D.

University of British Columbia	Phone: +1-604-822-8484
Sauder School of Business	Fax: +1-604-822-8477
2053 Main Mall	E-mail: werner.antweiler@ubc.ca
Vancouver, B.C., Canada V6T 1Z2	Web: https://wernerantweiler.ca/

Research Areas

- Economics of Energy and Electricity
- Environmental Economics and Policy
- International Trade and Finance
- Applied Econometrics
- Empirical Finance and Prediction Markets
- Innovation, R&D, Networks

Occupation / Positions

2003–	Associate Professor, Strategy and Business Economics Division at the Sauder School of Business, University of British Columbia, Vancouver
1996–2003	Assistant Professor, Policy Analysis Division at the Faculty of Commerce and Business Administration, University of British Columbia
1990–1995	Lecturer, Teaching & Research Assistant at the University of Toronto, Department of Economics.
1990–1995	Application software specialist at the EPAS Computing Facility, University of Toronto. Developed widely-used database retrieval, course administration, and other software.
1985–1990	Research and teaching assistant at the University of Cologne Computer Centre, Application Software Department.

Education

Ph.D. (1995)	Department of Economics, University of Toronto Dissertation Topic: “Three Essays on International Trade: Hysteresis, R&D, and The Environment” Supervisors: Daniel Trefler, Peter Pauly.
Diplom (1990)	“Diplom-Volkswirt” (M.A. in economics equivalent) Universität zu Köln, Germany Dissertation: Neural Computing and Expert Systems.
Abitur (1983)	(German university entrance qualification) Carl Duisberg Schule, Leverkusen, Germany

Citizenships Canadian, German

Languages English, German

Editorial Board Affiliations

2016– Associate Editor, *Resource and Energy Economics*
2008–2011 Co-Editor, *Canadian Journal of Economics*
2003–2006 Member, Board of Editors, *Canadian Journal of Economics*
1998– Technical Advisor and Webmaster for the *Canadian Economics Association*, *Canadian Journal of Economics*, and *Canadian Public Policy*

Professional Affiliations

AEA American Economic Association
CEA Canadian Economics Association
AERE Association of Environmental and Resource Economists
EAERE European Association of Environmental and Resource Economists
IAEE International Association for Energy Economics
IEFS International Economics and Finance Society

Awards

2005 Junior Faculty Research Excellence Award, Sauder School of Business, University of British Columbia
2011 Distinguished Service Award, Canadian Economics Association
2013 2012 Publication of Enduring Quality Award, Association of Environmental and Resource Economists

Major Research Grants

2002-2005 SSHRC Grant on *Internet Stock Message Boards and North American Financial Markets*, joint with Murray Frank
2009-2011 SSHRC Grant on *Energy conservation incentives in Canada: Program selection, efficacy, incidence, and the repercussions from international trade*, joint with Sumeet Gulati and Kathryn Harrison
2018-2021 SSHRC Grant on *New Frontiers of Urban Mobility Economics*, joint with Sanghoon Lee and Sumeet Gulati

Teaching Portfolio

Undergraduate The Economics and Policy of the Environment, Energy, and Natural Resources (COEC 475)
Government and Business (COMM 394)
International Business Management (COMM 498)
Environmental Management (COMM 487)
Research Essays in International Economics (ECON 494)
MBA Modules The International Trading Environment (BASM 530)

Multinational Enterprises (BASM 531)
Competition in High-Tech Industries
E-Business Strategy
M.A./Ph.D Empirical International Trade (ECON 557)
Environmental Management (COMM 597)

Publications

1. *Published Articles in Refereed Journals (in reverse chronological order)*

- [1] Werner Antweiler (September 2021). [Microeconomic Models of Electricity Storage: Price Forecasting, Arbitrage Limits, Curtailment Insurance, and Transmission Line Utilization](#). *Energy Economics* **101**, No. 105390.
- [2] Werner Antweiler and Felix Müsgens (July 2021). [On the Long-Term Merit Order Effect of Renewable Energies](#). *Energy Economics* **99**, No. 105275.
- [3] Werner Antweiler (September 2019). [Electoral economics: maximizing local representation under proportionality](#). *Economics Letters* **182**, 109-113.
- [4] Werner Antweiler (June 2017). [A Two-Part Feed-in-Tariff for Intermittent Electricity Generation](#). *Energy Economics* **65**, 458-470.
- [5] Werner Antweiler (January 2017). [Emission Trading for Air Pollution Hot Spots: Getting the Permit Market Right](#). *Environmental Economics and Policy Studies* **19**(1), 35-58.
- [6] Werner Antweiler (July 2016). [Cross-Border Trade in Electricity](#). *Journal of International Economics* **101**, 42-51.
- [7] Werner Antweiler and Sumeet Gulati (May 2015). [Scrapping for Air: Estimating Emissions Savings from the BC SCRAP-IT Program](#). *Journal of Environmental Economics and Management* **71**, 198-214.
- [8] Werner Antweiler (December 2013). Liquidity Provision and Cross Arbitrage in Continuous Double-Auction Prediction Markets. *Journal of Prediction Markets* **7**(3), 63-88.
- [9] Werner Antweiler and Sumeet Gulati (August 2013). [Market Based Policies for Green Motoring in Canada](#). *Canadian Public Policy* **39**(s2), 81-94.
- [10] Werner Antweiler (December 2012). Long-Term Prediction Markets. *Journal of Prediction Markets* **6**(3), 43-61.
- [11] Werner Antweiler and Sumeet Gulati (December 2012). Reducing the Environmental Impact of Transportation: British Columbia's Tax Policy Initiatives. *Canadian Tax Journal* **60**(5), 869-880.
- [12] Werner Antweiler (December 2007). [Estimating Voter Migration in Canada Using Generalized Maximum Entropy](#). *Electoral Studies* **26**(4), 756-771.
- [13] Werner Antweiler and Kathryn Harrison (Autumn 2007). [Canada's Voluntary ARET Program: Limited Success Despite Industry Co-sponsorship](#). *Journal of Policy Analysis and Management* **26**(4), 755-774.

- [14] Werner Antweiler and Murray Z. Frank (June 2004). [Is All That Talk Just Noise? The Information Content of Internet Stock Message Boards](#). *Journal of Finance* **59**(3), 1259-1295.
 - [15] Werner Antweiler (May 2003). [How Effective is Green Regulatory Threat?](#). *American Economics Review* **93**(2), 436-441.
 - [16] Werner Antweiler and Kathryn Harrison (Summer 2003). [Incentives for pollution abatement: Regulation, regulatory threats, and non-governmental pressures](#). *Journal of Policy Analysis and Management* **22**(3), 361-382.
 - [17] Werner Antweiler and Kathryn Harrison (May 2003). [Toxic Release Inventories and Green Consumerism: Empirical Evidence from Canada](#). *Canadian Journal of Economics* **36**(2), 491-516.
 - [18] James A. Brander, Raphael H. Amit, and Werner Antweiler (Fall 2002). [Venture Capital Syndication: Improved Venture Selection vs. Value Added Hypothesis](#). *Journal of Economics and Management Strategy* **11**(3), 423-45.
 - [19] Werner Antweiler and Daniel Trefler (March 2002). [Increasing Returns and All That—A View From Trade](#). *American Economic Review* **92**(1), 93-119.
 - [20] Werner Antweiler, Brian Copeland, and M. Scott Taylor (September 2001). [Is Free Trade Good For the Environment?](#). *American Economic Review* **91**(4), 877-908.
 - [21] (April 2001). [Nested Random Effects Estimation in Unbalanced Panel Data](#). *Journal of Econometrics* **101**(2), 295-231.
 - [22] Werner Antweiler and Thomas W. Ross (April 1998). The 1997 UBC Election Stock Market. *Canadian Business Economics* **6**(2), 15-22.
 - [23] Werner Antweiler (1996). [The Pollution Terms of Trade](#). *Economic Systems Research* **8**(4), 361-365.
2. *Non-Refereed Journal Publications (in reverse chronological order)*
- [24] Ein Backpropagation Netzwerksimulator als konnektionistisches Expertensystem, *Wirtschaftsinformatik*, Vol. 33, No. 5, October 1991, pp. 398-407.
 - [25] The TeX-REDUCE-Interface (joint with Andreas Strotmann and Volker Winkelmann), *ACM Special Interest Group on Symbolic & Algebraic Manipulation*, Vol. 23, No. 2, April 1989, pp. 26-31.
3. *Books*
- [26] *Elements of Environmental Management*, University of Toronto Press, 416pp., August 2014
4. *Chapters in Books*
- [27] *Environmental Regulatory Incentives Underlying Canadian Industrial Performance* (joint with Kathryn Harrison), in Zhiqi Chen and Mark Duhamel: “Industrial Organization in Canada: Empirical Evidence and Policy Challenges,” McGill-Queen’s University Press, chapter 10, February 2011, pp. 339-403.

- [28] *Is Free Trade Good for the Environment?*, in Seiichi Katayama and Kaz Miyagiwa (eds.): *New Developments in International Trade: Theoretical and Empirical Investigations*, Kobe Business Research Series No. 16, The Research Institute for Economics and Business Administration, Kobe University, Japan, chapter 14, pages 307-354, December 2003.
- [29] *Nested Random Effects Estimation in Unbalanced Panel Data*, in Badi H. Baltagi and George Sumney Jr. (eds.): *Recent Developments in the Econometrics of Panel Data*, Edward Elgar, February 2003

5. *Book Reviews*

- [30] *The Economics of International Trade and the Environment* by A. Batabyal and Hamid Beladi (eds.), reviewed in *International Review of Economics and Finance*, Vol. 11, No. 4, 2002, pp. 449-450.

6. *Conference Proceedings*

- [31] *Standardization and Technical Barrier to Trade: Will standards become instruments of protectionism?* in “Sandandardization: Unifier or Divider,” in Sherrie Bolin (ed.) “The Standards Edge: Unifier or Divider,” Ann Arbor, MI: Sheridan Books, forthcoming Fall 2006.
- [32] *Random-Effects Estimation for Spatially Autocorrelated Unbalanced Panel Data: Geographic Aggregation Biases and the Case of Transboundary Air Pollution* in “Proceedings of the 2002 North American Summer Meetings of the Econometric Society: Economic Theory,” edited by David k. Levine and William Zame

7. *Working Papers*

- [33] Cross-Country Climate Policy Heterogeneity with mitigation co-benefits and global scale economies, *March 2021*.
- [34] (with Cheng Chen) The Cost of Commuting Time Reliability: Theoretical Advances using Reliability Standards and Empirical Findings from Metro Vancouver Traffic Data, *April 2019*.
- [35] (with Sumeet Gulati) Greener Cars or Greener Drivers? How carbon and fuel taxes influence the choice and use of cars, *March 2016, revised March 2017*.
- [36] Does Country-Internal Migration Affect Trade?, *March 2008*.
- [37] Time-Varying Internal and External Distances and the Gravity Equation of International Trade, *March 2008*.
- [38] Does Talk Matter? Evidence From a Broad Cross Section of Stocks (joint with Murray Frank), *2005*.
- [39] The Market Impact of Corporate News Stories (joint with Murray Frank), SSRN Working Paper 9978091, DOI: [10.2139/ssrn.878091](https://doi.org/10.2139/ssrn.878091), *2006*.