

**BRIAN R. COPELAND**  
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University of British Columbia

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**ACADEMIC EMPLOYMENT**

Professor, Department of Economics, UBC, 1996 – present. [Head of Department, 2006-10].  
Associate Professor, Department of Economics, UBC, 1991-96.  
Assistant Professor, Department of Economics, UBC, 1985-91.  
Visiting Assistant Professor, Department of Economics, University of Alberta, 1989-90.

**EDUCATION**

Stanford University - Ph.D. (Economics), 1987  
University of Western Ontario - M.A. (Economics), 1980  
University of British Columbia - B.A. (Economics), 1979

**RESEARCH AND TEACHING FIELDS**

Environmental economics  
International trade

**AWARDS**

Publication of Enduring Quality Award, Association of Environmental and Resource Economists, 2012  
Doug Purvis Memorial Award in Canadian Economics, 2004  
UBC Killam Research Prize, 2002  
Royal Bank Research Professorship, 2001-2004  
Killam Faculty Leave Fellowship, 1998-99

**SHORT-TERM VISITING LECTURER**

Lima Summer School of Economics, Economics of Non-renewable Resources, February 2016  
Nottingham Lectures in International Economics, April 2013  
ZEW (Mannheim), Summer School on Trade and the Environment, October 2012  
University of Exeter, Lectures on Trade and the Environment, May 2012  
Kiel Institute for the World Economy, Advanced Studies Program, April 2012  
Erskine Fellow, University of Canterbury, July 2005

**RECENT COURSES TAUGHT**

Environmental Economics (Graduate)  
Environmental Economics (Undergraduate)  
Non-renewable Resource Economics (Undergraduate)  
International Trade (Undergraduate)

**RESEARCH****Books**

*Recent Developments in Trade and the Environment*, (edited), Edward Elgar, 2014.

*Trade and the Environment: Theory and Evidence* (with M. Scott Taylor), Princeton University Press, 2003. Paperback edition, 2005. Translated and reprinted in Chinese, Shanghai Publishing House, 2009.

**Journal Articles**

"Trade and fisheries subsidies," (with Basak Bayramoglu and Jean-Francois Jacques), *Journal of International Economics*, forthcoming.

"Environmental and Resource Economics: A Canadian Retrospective," (with M. Scott Taylor) *Canadian Journal of Economics*, 50 (2017): 1381-1413

"Trade and the Environment: New Methods, Measurements, and Results," (with Jevan Cherniwchan and M. Scott Taylor), *Annual Review of Economics*, 9 (2017): 59–85.

"Tourism and welfare-enhancing export subsidies," *Japanese Economic Review*, 63 (2012): 232-43.

"Trade, tragedy and the commons," (with M. Scott Taylor) *American Economic Review*, 99 (2009): 725-49

"Free trade and global warming: A trade theory view of the Kyoto Protocol," (with M. Scott Taylor), *Journal of Environmental Economics and Management* 49 (2005): 205-34.

Reprinted in *The Economics of Pollution Control*, ed. K. Segerson. Edward Elgar Publishing, 2010.

"Trade, growth and the environment," (with M. Scott Taylor), *Journal of Economic Literature*, 42 (2004): 7-71.

Reprinted in *The Costs of Economic Growth*, ed. P.A. Victor. Edward Elgar Publishing, 2013.

"Is free trade good for the environment?" (with W. Antweiler and M. Scott Taylor), *American Economic Review*, 91 (2001): 877-908.

Reprinted in *The WTO, Trade, and the Environment*, ed. Gary Sampson and John Whalley. Edward Elgar Publishing, 2005.

Reprinted in *Environmental Economics*, ed. Charles F. Mason and Erwin H. Bulte, Routledge, 2007.

- "Trade and environment: Policy linkages," *Environment and Development Economics*, (Special issue on Trade and the Environment), 5 (2000): 405-432.
- "Trade, spatial separation, and the environment," (with M. Scott Taylor), *Journal of International Economics* 47 (1999): 137-168.  
Reprinted in *The WTO, Trade, and the Environment*, ed. Gary Sampson and John Whalley. Edward Elgar Publishing, 2005.
- "The Trade-Induced Degradation Hypothesis," (with M. Scott Taylor), *Resource and Energy Economics*, (Special issue on Trade and the Environment), 19(1997): 321-344.
- "Quality-biased Technical Progress and North-South Trade," (with A. Kotwal) *Journal of International Trade and Economic Development*, 6 (1997): 1-14.
- "Pollution Content Taxes, Environmental Rent Shifting and the Control of Foreign Pollution," *Journal of International Economics*, 40 (1996): 459-76.
- "Product Quality and the Theory of Comparative Advantage," (with A. Kotwal), *European Economic Review*, 40 (1996): 1745-1760.
- "Trade and Transboundary Pollution," (with M. Scott Taylor), *American Economic Review*, 85 (1995): 716-737.  
Reprinted in *The Economics of International Trade and the Environment*, ed. A. Batabyal and H. Beladi. CRC Press, 2001.  
Reprinted in *International Trade and the Environment*, ed. Judith M. Dean. Ashgate Publishing, 2002.  
Reprinted in *Recent Developments in Environmental Economics*, ed. M. Hoel. Edward Elgar Publishing, 2004.  
Reprinted in *Recent Developments in International Trade Theory*, ed. R. Falvey and U. Kreickemeier, Edward Elgar Publishing, 2005
- "Trade and the Environment: A Partial Synthesis," (with M. Scott Taylor), *American Journal of Agricultural Economics*, 77 (1995): 765-771.
- "North-South Trade and the Environment," (with M. Scott Taylor), *Quarterly Journal of Economics*, 109 (1994): 755-87.  
Reprinted in *Readings in Development Economics*, Vol. 1, ed. Pranab Bardhan and Christopher Udry. MIT Press, 2000.  
Reprinted in *International Trade and the Environment*, ed. Judith M. Dean. Ashgate Publishing, 2002.  
Reprinted in *Recent Developments in International Trade Theory*, ed. R. Falvey and U. Kreickemeier, Edward Elgar Publishing, 2005  
Reprinted in *Environmental Economics*, ed. Charles F. Mason and Erwin H. Bulte, Routledge, 2007.

- "International Trade and the Environment: Policy Reform in a Polluted Small Open Economy," *Journal of Environmental Economics and Management*, 26 (1994): 44-65.  
Reprinted in *International Trade and the Environment*, ed. Judith M. Dean. Ashgate Publishing, 2002.
- "Tourism, Welfare, and De-industrialization in a Small Open Economy," *Economica*, 58 (1991): 515-29.  
Reprinted in *The Economics of Tourism*, ed. Clem Tisdell. Edward Elgar Publishing, 2000.
- "International Trade in Waste Products in the Presence of Illegal Disposal," *Journal of Environmental Economics and Management* 20 (1991): 143-162.  
Reprinted in *The Economics of International Trade and the Environment*, ed. A. Batabyal and H. Beladi. CRC Press, 2001
- "Strategic Enhancement and Destruction of Fisheries and the Environment in the Presence of International Externalities," *Journal of Environmental Economics and Management*, 19 (1990): 212-226.
- "Strategic Interaction Among Nations: Negotiable and Non-negotiable Trade Barriers," *Canadian Journal of Economics*, 23 (1990): 84-108.  
Reprinted in *Critical Perspectives on the Global Trading System and the WTO: The WTO's Core Rules and Disciplines*, ed. K. Anderson and B. Hoekman, Edward Elgar Publishing, 2006.
- "Efficiency Wages in a Ricardian Model of International Trade," *Journal of International Economics*, 27 (1989): 221-244.
- "Tariffs and Quotas: Retaliation and Negotiation with Two Instruments of Protection," *Journal of International Economics*, 26 (1989): 179-188.
- "On Negotiated Quotas, Tariffs and Transfers," (with E. Tower and M. Webb), *Oxford Economic Papers*, 41 (1989): 774-788.
- "Of Mice and Elephants: The Canada-U.S. Free Trade Agreement," *Contemporary Policy Issues*, 7 (1989): 42-60.

### **Selected Other Publications**

- "Trade and the Environment," in Daniel Bernhofen, Rod Falvey, David Greenaway and Udo Kreickemeier, eds., *Palgrave Handbook of International Trade*. Palgrave MacMillan, 2011, pp.423-496
- "How does trade affect the environment?" in Geoffrey Heal, Ed., *Is Economic Growth Sustainable?*, Palgrave MacMillan, 2010.
- "Is There a Case for Trade and Investment Promotion Policy?" in *Trade Policy Research 2007*, Government of Canada, 2007.

"The basic economics of services trade," (with Aaditya Matoo), in Aaditya Mattoo, Robert M. Stern, and Gianni Zanini, *A Handbook of International Trade in Services*, Oxford University Press, 2007.

"Trade and the Environment in Developing Countries," (with S. Gulati), IPD Book Series: *Economic Development and Environmental Sustainability*, Volume Editors: Ramon E. Lopez, and Michael Toman. Series Editor: Joseph E. Stiglitz. Oxford University Press, 2006.

"Policy endogeneity and the effects of trade on the environment," *Agricultural and Resource Economics Review*, 34 (April 2005): 1-15. [Invited paper; keynote address]

"Benefits and Costs of Trade and Investment Liberalization in Services," in J.M. Curtis and D. Ciuriak, eds. *Trade Policy Research 2002*, Government of Canada, 2002, pp. 107-218.

### **EDITORIAL ACTIVITIES**

Associate Editor, *Journal of International Economics*, 2004 -

Editorial Board, *Environmental Economics and Policy Studies*, 2010 -

Editorial Board, *Resource and Energy Economics*, 2008 - 2011

Editorial Board, *New Zealand Economic Papers*, 2008 -

Editorial Board, *Australian Economic Papers*, 2007 -

Co-editor, *Journal of Environmental Economics and Management* 2001 - 2002

Associate Editor, *Journal of Environmental Economics and Management*, 1996 – 2000

Editorial Council, *Journal of Environmental Economics and Management* 2003 - 2007

Editorial Board, *Canadian Journal of Economics*, 1994 - 1996

### **PH.D. STUDENTS SUPERVISED**

Alistair Fraser, PhD in progress.

Nouri Najjar, PhD in progress.

Takuro Miyamoto, PhD 2011, now at Tohoku Gakuin University

Meng (Sarah) Sun, PhD 2010, now at Beijing Normal University

Emily Yu, PhD 2010, now at Global Affairs Canada

Horatiu Rus, PhD 2009, now at University of Waterloo

Andrei Stoyanov, PhD 2008, now at York University

Stephanie McWhinnie, PhD. 2006, now at University of Adelaide

Shinya Kawahara, PhD 2006, now at Rissho University

Kazutaka Takechi, PhD 2004, now at Hosei University

Naoto Jinji, Ph.D. 2001, now at University of Kyoto

Heather Eckert, Ph.D. 2001, now at University of Alberta

Joel Bruneau, Ph.D. 2000, now at University of Saskatchewan

Zhihao Yu, Ph.D. 1999, now at Carleton University

Gorazd Ruseski, Ph.D. 1998, now at Fisheries Canada

Chayun Tantivasadakarn, Ph.D. 1995, now at Thammasat University

Larry Qiu, Ph.D. 1993, now at University of Hong Kong

Sajid Anwar, Ph.D. 1992, now at University of South Australia

Don Wright, Ph.D. 1989, now at University of Sydney

**INVITED PRESENTATIONS (since 1995)**

Asian Development Bank Institute, Tokyo, Sept. 2017, Invited speaker, Globalization and Environment Conference

Université Paris-Est Marne La Vallée, June 2016, Invited talk.

Kyoto University, Japan, May 2016, Invited talk.

Sophia University, Tokyo, Japan, May 2016, Invited Speaker, Sophia Workshop and International Trade and the Environment

Discussant, National Bureau of Economic Research (NBER) Summer Institute, July 2014

School of International Business Administration, Shanghai University of Finance and Economics. Summer Program. June 2014, Keynote Speaker.

CAES - TED-Style Talks on Resource and Environmental Economics, CEA meetings, Vancouver, May 2014

Environment Canada Symposium Ottawa. Sept. 27, 2013.

University of Manitoba, Nov. 2012. Invited talk.

University of Exeter, May 2012. Conference on Resource Insecurity, Trade and the Environment.

Oregon State University, May 2012. Invited talk (Frontiers Seminar)

University of Basel, Switzerland, April 2012. Invited talk.

University of Passau, Germany, April 2012. Invited seminar:

Kiel Institute for the World Economy, Germany, April 2012. Invited seminar.

World Bank / OECD January 2012 Conference on "Green Growth: Addressing the Knowledge Gaps," Mexico City

University of Exeter, April 2011. Keynote speaker, Environmental Protection and Sustainability Forum.

École Polytechnique, Palaiseau, France, Sept. 2010. Invited talk.

Hitotsubashi University, Japan, July 31, 2010. Conference on International Trade and Industrial Organization

University of Adelaide, Sept. 2009, Fisher Lecture.

Venice International University, Venice, Italy. June 2008. Workshop on "Trade, Growth and the Environment: State of Art and Future Research"

University of Paris, Dauphine, Paris, France. June 2008. Invited seminar

Tsinghua University, Beijing, China. July 13-14, 2007. Roundtable Conference for International Economic Association (IEA): The Sustainability of Economic Growth

Initiative for Policy Dialogue (IPD) conference: Economic Development and Environmental Sustainability: A Dialogue on India, Delhi, India, December 2006.

Hitotsubashi University, Japan. Invited seminar, March 2006

Hitotsubashi University, Japan. Invited Lecture, March 2006

University of Canterbury, New Zealand. Invited seminar, October 2006

Motu Economic and Public Policy Research, Wellington, New Zealand, Invited Public Policy Lecture, September 2005

University of Auckland, New Zealand. Invited seminar, July 2005

University of California, Santa Barbara. Trade and Environment Conference, March 2005

Newkirk Center For Science And Society, University of California, Irvine, Oct. 2004

NAREA/CAES Workshop on International Trade and the Environment, Halifax, Nova Scotia, invited speaker, June 2004

World Bank, invited presentation, April 2004

Initiative for Policy Dialogue Conference on Environmental Policy in Developing Countries, Columbia University, invited presentation, Oct. 2003.

University of Colorado Environmental and Resource Economics Workshop, Keynote talk, July 17-18, 2003

University of California, Santa Cruz, invited speaker, Trade and Environment Workshop, June 2003.

University of Basel, invited seminar, June 2002

University of Sydney, invited seminars, June 2002

Southern Methodist University, invited speaker, conference on The Political Economy of Economic Integration, April 2002.

University of Nottingham, invited seminar, June 2001

City University, Hong Kong, invited seminar, May 2001

University of Miami, invited seminar, April 2001

Dalhousie University, invited seminar, March, 2001

University of California, Santa Cruz, 3rd annual international economics conference, Nov. 2000.

Canada-US Border Conference, Vancouver BC, Oct. 2000

IIFET International Fisheries Conference, Corvallis, Oregon, July 2000.

University of California, Santa Barbara, invited seminar, April 2000.

University of Northern British Columbia, invited seminar, March 2000

National Bureau of Economic Research Summer Workshop on Public Policy and the Environment, Cambridge, Mass., Aug. 1999.

Conference on "WTO and World Trade," Seattle, Washington, Dec. 1999 (discussant)

University of Alberta, invited seminar, Sept. 1998.

National Bureau of Economic Research Universities Research Conference on Trade, Resources, and the Environment, Cambridge, Mass., May 1998.

Canadian Economics Association conference, Ottawa, May 1998. Invited survey talk.

Global Environment and Trade Study conference, London, England, June 1998.

KOBE Conference on "Recent Developments in International Trade: Theoretical and Empirical Investigations," Kobe, Japan, March 1998.

University of Toronto, invited seminar, October, 1997.

National Bureau of Economic Research Summer Workshop on Public Policy and the Environment, Cambridge, Mass., August 1997.

Chinese University of Hong Kong, invited seminar, December 1996.

University of California at Berkeley, Department of Agricultural and Resource Economics, invited seminar, April 18, 1997

University of California at Davis, Department of Agricultural and Resource Economics, invited seminar, April, 1997.

University of Dayton, March, 1996, Distinguished speaker series.

Kobe University, Japan, invited seminar, Nov.1995.

Ritsumeikan University, Japan, Nov. 1995

University of Washington, invited seminar, May 1995.

Oregon State University, invited seminar, April 1995.