

CURRICULUM VITAE

G. Cornelis van Kooten
Department of Economics
University of Victoria
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1. BIOGRAPHICAL DATA

Present Position: Professor and Canada Research Chair in Environmental Studies
Department of Economics
University of Victoria, Victoria, Canada

Other Appointments: Adjunct Professor, Institute for Integrated Energy Systems
University of Victoria

Research Fellow, Wageningen Economic Research
Department of Social Sciences
University of Wageningen, The Netherlands

Citizenship: Canadian & Dutch

2. EDUCATION

Undergraduate:

B.Sc. (with distinction), (Geophysics), University of Alberta, 1972

Graduate:

M.A. (Economics), University of Alberta, 1974

Ph.D. (Agricultural & Resource Economics), Oregon State University, 1982.

Google Scholar: <http://scholar.google.ca/citations?hl=en&user=9OgXFpAAAAAJ>

Titles of theses written for graduate degrees:

The Integration of Efficiency and Equity in Public Decision-Making: Theoretical Issues and Applications.

Ph.D. Dissertation, Oregon State University, Corvallis, 1982.

The Canadian Coal Industry. M.A. Thesis. University of Alberta, Edmonton, 1974.

Professional memberships

Agricultural and Applied Economics Association (AAEA)
Canadian Agricultural Economics Society (CAES)
Western Association of Forest Economists
European Community Studies Association-Canada (ECSA-Canada)
Western Agricultural Economics Association (WAEA)

Academic or professional awards and distinctions:

Visiting Professor, Department of Spatial Economics, Vrije Universiteit, Amsterdam, Fall 2017.
Winner of the 2014 Faculty of Social Sciences Research Excellence Award.
Fellow of the Canadian Agricultural Economics Society (CAES), July 2012
Publication of Enduring Quality Award, CAES, July 2011.
NAKE Fellow, Economic Graduate Faculties of Dutch Universities, The Netherlands, 2001-2016
Member of the Mansholt Graduate Institute, Wageningen University, 1999-2017
Mansholt Sabbatical Fellowship, Wageningen Agricultural Univ., 1995–1996
CAEFMS Outstanding Journal Article Honorable Mention (1991) (with John Spriggs)
CAEFMS Outstanding Journal Article Award (1989)
Promoted to Full Professor during leave from University Saskatchewan, 1988/89
Deloach Graduate Fellowship, Oregon State Univ. 1981
Canada Council Fellowship, 1974–1975
Hudson Bay Oil and Gas Company Bursary in Geology, 1969–1972
Queen Elizabeth Scholarship, 1969–1970

3. PROFESSIONAL EMPLOYMENT RECORD

Professor, Department of Applied Economics & Statistics, University of Nevada, Reno, 2000-2002.
Professor (0.1 FTE), Department of Social Sciences, Wageningen University, The Netherlands. September, 1998 to May, 2017.
Professor (promoted July 1, 1996) and Associate Professor, Agricultural Economics and Forest Resources Management (joint appointment), University of British Columbia, July 1, 1989 to August 31, 2001.
Associate Professor, School of Management and Organisation, University of Groningen, Netherlands, July 1988 to July 1989
Associate Professor (promoted July 1, 1985) and Assistant Professor, Agricultural Economics, University of Saskatchewan, Saskatoon, 1981-1989.
Instructor, Business Administration, Grande Prairie Regional College, Grande Prairie, Alberta, 1977-1979.
Budget Officer, Alberta Treasury, Government of Alberta, Edmonton, May 1976-August 1977.
Lecturer, Faculty of Extension & Community Development, University of Alberta, Edmonton, 1976.
Lecturer, Faculty of Commerce, University of Alberta, Edmonton, 1975-1976.

4. TEACHING AND GRADUATE SUPERVISION

Teaching Record

Non–university level

Economics for Certified Industrial Accounting (Univ. of Alberta; Grande Prairie College)

University level (* denotes graduate level)

Introductory Micro- and Macro-Economics	Introductory Business Statistics
Managerial Economics	Business Finance
International Marketing	Industrial Marketing
Introduction to Agricultural Economics	Price Theory and Agricultural Marketing
Land Resource Economics	Public Speaking
Environmental Economics	Introduction to Forest Economics
Linear Programming for Agriculture	Mathematical Economics
Computer Applications in Agricultural Economics	Seminar in Research Methods
*Applied Welfare Economics	*Research Methodology
*Advanced Topics in Natural Resource Economics	*Topics in Dynamic Programming
*Applied Price Analysis	*Operations Research in Forestry
*Advanced Production Economics and Programming	Climate Economics
*Topics in Forest Economics and Finance	*Land and Forest Resource Economics
*Econ. of Biodiversity and Nature Conservation	Ecological Economics
*Natural Resource Economics	* Theory of the Firm
Economics of European Integration	* Computational Economics
Agricultural Economics & Policy	

Visiting Lecturer

Environmental Economics, Tilburg University, Tilburg, Netherlands, Fall, 1995

Advanced Natural Resource Economics, Wageningen University, 1996, 1998, 1999, 2001, 2002.

Graduate Supervision

Brief Summary (Most Recent Training of Students)

In the past six years, I have supervised five PhD students—one student had a university faculty position in the U.S. and is now with the Bank of Canada, one is with Natural Resources Canada, one has university faculty position in China, and two are still in progress—and 12 Masters students, whose current positions range from private environmental consulting businesses to provincial and federal government ministry positions. To date, I have published two or more joint papers with four of the five PhD students and multiple papers with my current post doc. Recently, I have supported three MA and four PhD students, and a post-doctoral researcher. I also provided my PhD students and some of my MA students the opportunity to present papers or posters at professional and public meetings.

Ph.D.

Yin Shi, Ph.D., in progress, Department of Economics, University of Victoria

Jon Duan, Ph.D., 2022(September), Department of Economics, University of Victoria. First position: Senior economist, Ministry of Education, Government of British Columbia, Victoria

Sheri Liu, Ph.D., 2021(August), Department of Economics, University of Victoria . First position: Senior economist, BC Investment, Victoria

Craig Johnston, Ph.D., 2014(October), Department of Economics, University of Victoria. First position: Assistant Professor, Department of Natural Resources, University of Wisconsin at Madison

Baojing Sun, Ph.D., 2015. Northwest Agricultural & Forestry University, Yangling, Shaanxi, China (co-supervisor). First position: Economist, Canadian Forest Service, Victoria.

Zachary Xu, Ph.D., 2014(April), Department of Geography, University of Victoria. First position: Economist, Canadian Forest Service, Ottawa.

Tim Bogle, Ph.D., 2012(November), Department of Geography, University of Victoria. First position: Senior economist, forestry, Government of British Columbia, Victoria

Amy Sopinka, Ph.D., 2012(November), Department of Geography, University of Victoria. First position: Senior economist, energy, Government of British Columbia.

Patrick Withey, Ph.D., 2012(March), Department of Economics, University of Victoria. First position: Associate Professor, St. Francis Xavier University, Nova Scotia

Alison J. Eagle, Ph.D., 2009(June). Department of Social Sciences, Wageningen University, The Netherlands. First position: Research associate, University of North Carolina

Tracy Stobbe, Ph.D., 2008(June). Department of Economics, University of Victoria. First position: Assistant Professor, Business, Trinity Western University, BC.

Geerte Cotteleer, Ph.D., 2008(September). Department of Social Sciences, Wageningen Univ (co-supervisor with A. Oskam). First position: Assistant Professor, Environmental Economics, Wageningen University.

Zenebe Gebreegziabher, Ph.D., 2007(October). Household Fuel Consumption and Resource Use in Rural-Urban Ethiopia. Department of Social Sciences, Wageningen University (co-supervisor with A. Oskam). First Position: Professor of Economics, Mekelle University, Ethiopia.

Lili Sun, Ph.D., 2006(May). Department of Economics, University of Victoria. First Position: Economist, Canadian Forest Service, Pacific Forestry Centre.

Murray A. Rudd, Ph.D., 2003(December). Department of Social Sciences, Wageningen University (co-supervisor with H. Folmer). First Position: Senior Lecturer, University of York, UK.

Maria Nijnik, Ph.D., 2002. Department of Social Sciences, Wageningen University (co-supervisor with A. Oskam). First Position: Economist, Macauley Land Research Centre, Scotland

Takuyat Takahashi, Ph.D., 2001(March). Resource Management and Environmental Studies, UBC (co-supervisor with I. Vertinsky). First Position: Professor, University of Shiga Prefecture, Japan.

Bryan Bogdanski, Ph.D., 2000(September). Forest Resources Management, UBC. Current Position: Economist, Canadian Forest Service, Victoria

Brad Stennes, Ph.D., 2000 (September). Forest Resources Management, UBC. First Position: Senior Economist, Canadian Forest Service, Pacific Forestry Centre, Victoria, BC.

Patrick Kinyua[†], Ph.D., 1998(July). Forest Resources Management, UBC. Former Professor of Range Management, University of Nairobi, Kenya. (deceased)

Sen Wang, Ph.D., 1998(January). Forest Resources Management, UBC. First Position: Senior Economist, Canadian Forest Service, Victoria.

Masters

Economics (UVic): Yin Shi, Brennan McLachlan, Julia Zhu, Tony Mogus (joint w. B. Stennes), Kurt Niquidet, Andy Ni, Jianping Shi (joint with N. Roy), Tom Hobby, Man Wang, An Liu, Jack Buchanan, Shannon Pendergast-Ramage (thesis) (joint with J. Clarke), Jesse Yamaguchi, Katherine Monahan, Brant Abbott, Hugh Scorah, Linda Wong, Jeff Drew, Nancy Guo, Matt Zahynacz, Devon Friesen, Bankole Olayele, Nicholas Hartley, Jordon Clapper, Taylor Peiris, Josh White, Sheri Liu, Laura Corbett, Baojing Sun, Jang-Hyun (Tony) Jo, Xintong (Olivia) Li, Tianyang (David) Zhang.

Engineering (UVic): Jesse Maddaloni (joint with A. Rowe), Andrew Gassner (joint with P. Wild), Susan Boronowski (joint with P. Wild)

Applied Economics & Statistics (UNR): James Manley, Roy Thomsen, Andrea Meyer

Agricultural Economics (UBC, U of Saskatchewan): R. Gilsenan, P. Suchánek, M.A. Rudd, A.K. Ells, G. Delcourt, M. Soucie, V. Watson, R. Athwal, F. Otsuka, M. Addo, G. Brown, D. Chinthammit, W.P. Weisensel, G. Konteos, K.A. Hayward, V.M. Mitura

Forest Resources Management (UBC): P. Graham, S. Wang, K.G. Loewen

MBA (U of Groningen): J.V. van Marken, K. Kafoe, G.W. Klok

Other Graduate Committees

Catherine Namome, Ph.D., Economics, external reader, 2019. (Cape Town University, South Africa)

Esther Boere, Ph.D., Agricultural Economics, committee member, 2015 (Wageningen University, NL)

Jin Zhang, Ph.D., Mathematics, external member, 2014 (University of Victoria)

Duncan Brown, M.A.Sc., Engineering, external examiner, 2013 (University of Victoria)

Conrad Fox, M.A.Sc., Engineering, external examiner, 2011 (University of Victoria)

Patrick Asante, Ph.D., Forest Biology & Management, external examiner, 2010 (University of Alberta)

Kurt Niquidet, Ph.D., Geography, external examiner, 2007 (University of Groningen)

Robin Deeley, M.Sc. Mathematics, examination chair, 2006 (Univ. of Victoria)

Shelby Temple, Ph. D., examination chair, 2006 (University of Victoria)

Carel vander Hamsfort, Ph.D., Agricultural Economics, external examiner, 2006 (Wageningen Univ)

Louise St. Germain, M.A Sc., Engineering, external examiner, 2005 (University of Victoria)

Mohamed S. Gheblawi, Ph.D., Rural Economy, external examiner, 2004 (University of Alberta)

John Callaway, Ph.D., Economics, external examiner, 2002 (Tilburg University)

Jasper Dalhuisen, Ph.D., Spatial Economics, external reader, 2002 (Free U Amsterdam)

Roel Jongeneel, Ph.D., Agricultural Economics, external reader, 1998 (Wageningen University)

*Post-Doctoral (indicated with *)/Research Associate Supervision*

*Fatemeh Mokhtarzadeh 2018-2020
 Brant Abbott, 2007-2008
 Ryan Prescott, 2006-2007
 *Pablo Benitez, 2005-2006
 Emina Krcmar, 1996-2007, FEPA
 Maria Leon, 1995

*Kurt Niquidet 2007 –2009
 Marie-Hélène Hubert 2007-2008
 Susanna Laaksonen-Craig, 2006-2007
 Alison Eagle, 2003-2009
 Gregg Delcourt, 1995-1997
 Ward Weisensel, 1988-1989

Supervision of Exchange Students

Victor Rasc, Ph.D. student (University of South Denmark), Univ. of Victoria
 R. Rajendran (Post-doctoral student from India), University of Nevada, Reno
 Mette Asmild, Ph.D. student (Copenhagen, Denmark), Univ. of British Columbia
 Ruud van Gorkom, M.A. student (Tilburg, Netherlands), Univ. of British Columbia

Student Impact: Placements of Students (out of approx. 100 graduate students and post-docs):

Top Functions	Government		Academic tenure track positions	Private Sector
	Province of BC	Federal		
Chief Operating Office, Canadian Wheat Board & VP of G3 grain company	Ministry of Forests	Agriculture & Agri-Food Canada	U of Wisconsin at Madison, USA (Forest Economics)	Price Waterhouse Coopers
Head, Saskatchewan Crop Insurance Corporation	Agriculture & Food	Environment & Climate Change Canada	U of Canterbury, New Zealand (Forest Economics)	Enbala (Engineering company)
Chief Executive Officer, BC Investment Agriculture Foundation	Education & Child Care	Fisheries & Oceans Canada	U of Shiga Prefecture, Japan (Environmental Science)	Farm Credit Corporation
Chief Economist, BC Council of Forest Industries	Energy, Mines & Low Carbon Innovation	Canadian Forest Service	St. Francis Xavier U, Nova Scotia, Canada (Economics)	Consulting
Senior Economist, World Bank	Environment & Climate Change Strategy	Statistics Canada	Wageningen U, Netherlands (Environmental Economics)	
Bank Executive, Czech Republic	BC Investment	Bank of Canada	U of York, England (Environmental Studies)	
Senior Scientist, James Hutton Institute, Scotland		Privy Council	Emory U, Atlanta USA (Environmental Studies)	
Senior Researcher, Environ. Defense Fund			U of Nairobi, Kenya (Range Management)	
			Mekelle U, Ethiopia (Economics)	
			Trinity Western U, Canada (Business)	
			Memorial U (Grenfell) at Corner Brook, Canada (Science & Environment)	
			Towson U, Maryland USA (Economics)	

5. RESEARCH GRANTS AND CONTRACTS

Period	Source (* indicates competitive) (** applied for)	Title	Amount
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As Principal Investigator			
2021 (5 years)	NSERC Discovery Grant*	SSHRC is the Canadian Social Sciences and Humanities Research Council SFM is Sustainable Forest Management Prospects for Renewable Energy in a Turbulent World: Canada as a Potential Clean Energy Super Power	\$120,000
2019 (3 years)	SSHRC Insight Grant*	The Carbon Conundrum: A Challenge for Renewable Energy Policies	\$98,500
2017 (3 years)	SSHRC Partnership Development Grant*	Developing a Forest Trade Database and Trade Model	\$140,000
2015 (5 years)	NSERC Discovery Grant*	Incorporating Renewable Energy Sources into Electricity Grids: Challenges for Energy Systems Modeling	\$110,000
2011 (3 years)	SSHRC Insight Grant*	Weather Indexed Insurance: Improving Adaptation to Climate Events in the Primary Sectors through Financial Derivatives	\$90,000
2011 (1 year)	Internal SSHRC research grant	Weather Indexed Insurance: Improving Adaptation to Climate Events in the Primary Sectors through Financial Derivatives	\$2,500
2011 (3 years)	SSHRC (Standard)*	Awesome Splendor meets Climate Change: Managing Wildfire at the Wildland-Urban Interface when Faced with Severe Uncertainty	\$150,000
2011 (2 years)	LEARN Grant*	Weather Indexes as a Guide to Facilitate Protection of Migratory Waterfowl and their Habitat	\$25,000
2009 (2 years)	LEARN Grant (Agriculture & Agri-Food Canada Network)	Protection of Wetlands in Western Canada	\$25,000
2009 (6 months)	MITACS and Sempa Power Systems	Wasted Renewables and Marginal Greenhouse Gas Emissions in Canada's Power Systems	\$15,000

Research Grants (cont)

Period	Source	Title	Amount
2008-2009	BC Ministry of Forests and Range	BC's Forest Carbon Strategy	\$100,000
2002-03 (6 months)	BC Forest Innovation Investment*	Economics of Triads	\$65,000
2007-2008 (7 months)	Farm Level Policy ~ Agricultural Policy Research Network	Policy Impacts on Organic and Locally-Oriented Food Production in BC	\$11,500
2006 (3 years)	SSHRC*	Economic, Social and Environmental Impacts of Renewable Energy	\$150,000
2006 (3 months)	Air, Water and Climate Change Branch, BC Ministry of Environment	Regulatory Mechanisms for Industrial Greenhouse Gas Emissions	\$10,000
2005	Internal Research Grant, Univ. of Victoria*	Energy and Climate Change	\$4,000
2005 (1 year)	BC Ministry of Energy & Mines*	Wind Penetration in the Vancouver Island Electricity Grid	\$30,000
2003-2006 (3 years)	BIOCAP Canada / SSHRC*	Economics of Terrestrial Carbon Sinks Research Node	\$365,000
2002-2005 (3 years)	Canadian Foundation for Innovation/BC Knowledge Development Fund*	Canada Research Chair Infrastructure Funding	\$156,400
2003 (3 months)	BC Ministry of Water, Land and Air	Demand for Wildlife Hunting Licenses	\$15,000
2003 (2 months)	Natural Resources Canada, Canadian Forest Service	Incentives to Expand Forest Cover: A Framework for Canada	\$10,800
2002-04	California Department of Food & Agriculture (subcontract w. U Nevada)	Economic Losses from Yellow Starthistle in California and Applications to Potential Biological Invasions	\$30,000
2000-2001	BIOCAP (Queen's U.)*	Potential to Plant Trees on Agricultural Land for Biomass Burning: A Survey Approach	\$20,000
1999-2001 (3 years)	SFM Network*	Climate Change, Biodiversity and Land Use	\$60,000

Research Grants (continued)			
Period	Source	Title	Amount
1998	UBC Internal SSHRC*	Economics of Conservation Biology: Fools Rush in Where Economists Dare Not Tread	\$3,500
1997	UBC Internal SSHRC*	Silvicultural Contracting in British Columbia: A Transaction Cost Economics Approach	\$5,000
1996-1999	SSHRC*	Economics of Climate Change and Land Use	\$51,000
1996-1999	SFM Network	Economics of Climate Change and the Boreal Forest	\$80,000
1995	UBC Internal SSHRC*	Modeling Multiple Use of Rangeland in Kenya	\$1,100
1995	Canadian Forest Service	Survey of Secondary Wood Products Manufacturers in British Columbia	\$41,000
1994-1995	Environment Canada	Economic Instruments to Reduce Costs of Commuting in the Greater Vancouver Regional District	\$14,000
1994-1995	Canada's Green Plan/Forestry Canada	Decision Support System: Development of a Fuzzy Goal Programming Model for Vancouver Island	\$6,200
1994-1996	Canadian Forest Service	The Competitiveness of British Columbia's Forest Sector: Economically Optimal Investments in Silviculture for the 21st Century.	\$53,000
1994	UBC Internal SSHRC*	Economic Impacts of Public Land Use Decisions in BC: An Application of Fuzzy Goal Programming	\$1,000
1994	Canadian Forest Service	Economics of Protected Areas	\$5,000
1993-1994	Environment Canada	The Economics of Agricultural and Wildlife Interaction.	\$12,000
1993	Environment Canada	Contingent Valuation of Water Quality in the Abbotsford Area of British Columbia.	\$9,380
1993	UBC Internal SSHRC*	Land Use in Russia	\$1,400
1991-1994	SSHRC Grant*	Economics of Land Degradation in Western Canada	\$50,000
1991-1992	B.C.A.S.C.C.* (BC Agriculture)	Cropping Practices and Sustainable Agriculture in the Peace River Region of BC	\$14,000
1991	Forestry Canada, Victoria, FRDA	Forestry Canada, Victoria, 1991 (1 yr). Analysis of the Japanese Market for Dimensional Lumber	\$14,000
1990-1991	B.C.A.S.C.C.* (BC Agriculture)	Impact of Institutions on Sustainable Agriculture	\$16,000

Research Grants (continued)

Period	Source	Title	Amount
As Co-principal Investigator			
2009	FFESC*	Uncertainty in adapting to Climate Change: Implications for Forestry (with E. Krčmar, G. Nigh) (APPLIED FOR)	\$600,000
2009	NSERC*	CREATE Student Training (with Ned Djalia and six others) (APPLIED FOR)	\$600,000
2007	Network Centers of Excellent, NSERC*	Wind Energy Network (with A. Rowe, N. Djilali, P. Wild) (Econ component only)	\$15,000
2007	SSHRC*	Conference Grant: Canada-EU Agricultural Policy and Implications for WTO Trade Negotiations (with A. Verdun)	\$25,000
2006-2009 (3 years)	Sustainable Forest Management Network (SFMN)*	Market and Institutional Structures: Economic Welfare and Global Competitiveness (with S. Kant, S. Laaksonen-Craig, V. Lance)	\$300,000
2006-2008 (2 years)	Pacific Institute for the Mathematical Sciences (PIMS)*	Proposal for a Collaborative Research Group: The Economics and Finance of Climate Risk and Natural Resources (with U. Horst, A. Jofre, A. Robson, A. Cadenillas, A. Lazrak, T. Ware)	\$185,000
2005-2008	Agriculture and Agri-Food Canada*	Farm-level Policy Analysis Network (w. Jim Unterschultz, R.A. Schoney, Alfons Weersink, Steve Clark)	\$750,000
2003-2004 (1 yr)	Atomic Energy Canada Ltd.	Options for the Penetrability of Wind and Solar Power in Electricity Grids (with Ned Djilali, L. Pitt)	\$50,000
2003-2004 (1 yr)	International Fund for Animal Welfare	Does a one-off sale of ivory lead to higher or lower social well being? (with E. Bulte, R. Damania)	\$50,000
2003-2006 (3 years)	SFM Network*	Sustainable Forest Management and Native Communities (with C. Hickey, S. Boutin)	\$250,000
2002-2004	California Department of Food and Agriculture	Economic Losses from Yellow Starthistle in California and Applications to Potential Biological Invasions (with W. Johnson, M. Eiswerth)	\$89,407
2002-03 (6 months)	BC Forest Innovation Investment*	Use of Auctions in the Sale of Public Timber (with I. Vertinsky)	\$79,000
2001-2004 (dropped off grant in 2002)	US Forest Service*	Ecosystem & Socioeconomic Impact of Biomass Management Strategies in the Lake Tahoe Basin (with W. Miller, D. Johnson, R. Walker and T. Harris)	\$99,961
2001-2002	Nevada Agricultural Experiment Station*	Wildfire Management and Control, MacIntire-Stennes Research Grant in Forestry (with D. Johnson, and 6 others)	\$51,000
2000-2003	Sustainable Forest Management Network	Forest Management, Economics and Native Communities (with Q. Grafton, J. Webb, H. Nelson and E. Krčmar)	\$150,000

Research Grants (continued)

Period	Source	Title	Amount
1999-2002	NSERC/SSHRC & Weyerheuser*	Biodiversity and Forest Management (with F. Bunnell, PI, and others)	\$90,000 (Econ)
1997	UBC Hampton Endowment*	Preparedness for Climate Change and Environmental Issues: A Survey of Canadian Manufacturing and Forest Companies (with M. Nakamura, I. Vertinsky)	\$60,000
1996-1999	SFM National Center of Excellence*	Comparing Economic Performance of the Forest Sectors in Major Forest Producing Regions. (with I. Vertinsky)	\$50,000
1993-1995	Canada's Green Plan	Development of a Decision Support System for Multiple-Use Forest Management in the Tangier River Watershed: An Application of GIS (w. I. Vertinsky, W.A. Thompson, H. Schreier)	\$30,000 (Econ part)
1991-1993	BC Science Council*	Hazardous Agricultural Wastes: Feasibility of Composting Manure (with L. Lowe, B. Dill and W. Ramey)	\$150,000
1990-1992	Social Sciences & Humanities Research Council (SSHRC)*	Climate Change and Ethics: The Greenhouse Effect (H. Coward Leader, K. Hare, P. Dickey, W. Stewart, P. Danielson, N. Bankes, T. Hurka, W. Ross, and H. Buckmaster)	\$250,000
1987-1988	Agriculture Canada	Impact of Risk Reduction on Agricultural Supply (w. A. Schmitz, R.A. Schoney, J. Spriggs, H. Furtan)	\$40,000
1986-1987	Environment Canada, Canadian Climate Center*	Climate Change and Its Impact on the Boreal Forest (with E. Wheaton, T. Singh, R. Dempster, K.O. Higginbotham, J.P. Thorpe)	\$40,000

Consultancies

Year	Organization	Topic
2023	BC Council of Forest Industries	Construction of a forest fiber allocation model
2020	BC Council of Forest Industries	Carbon and forest rotation ages
2020	Fraser Institute	Penetration of renewables into electricity grids
2018	Wageningen Economic Research	Canada agricultural risk study for European Parliament
2017	Wageningen Economic Research and Ecorys (Brussels)	U.S. & Canada Case Studies: Agricultural Risk Management and Direction for the European Commission
2014/2016	MN LLP (Alberta law firm) and H. Nelson (consultant)	Forest Trade Modeling and U.S.-Canada Softwood Lumber Dispute
2013	BC Ministry of Jobs, Tourism and Skills Training	Asia-Pacific Trade Negotiations: Forest Trade Modeling
2012	BC Ministry of Forest, Lands and Range Operations	Forest management modeling: training workshop
2009	Landbouw Economisch Instituut (Agricultural Economics Institute), Den Haag, NL	Cost-benefit analysis and climate change impacts on agriculture
2008	World Bank, Washington	Economics of integrating wind energy into power grids
2008	WWF Frankfurt, Germany	Impact of tiger farming on preservation of wild tigers
2006	BC Ministry of Forests	Valuing Outdoor Recreation in B.C.: Options (w. G. Voss, T. McMurray)
2005	Saskatchewan Environment	Full Cost Accounting (w. P. Benitez)
2003	CITES Secretariat	Use of Economic Instruments for Protecting Wildlife Species (w. E. Bulte, T. Swanson)
2001	Pacific Forest Trust.	Chapter for Report on Terrestrial Carbon Sinks
1999	Carrier Sekani Tribal Council	Preparation of Background Material for Determination of Timber Rents on Native Traditional Territory.
1999	BC Lumber Trade Committee	Helping BC Forest Companies Develop a Strategic Response to Softwood Lumber Trade Sanctions (with B. Stanbury, I. Vertinsky)
1998-1999	Trade and Industry Canada	Analysis of the Canada-US Softwood Lumber Agreement (with B. Stanbury, I. Vertinsky)
1998	Ducks Unlimited	Economics of Improved Range Condition.
1998	Forest Alliance of British Columbia,	Background to Endangered Species Legislation.
1998	MacMillan Bloedel Inc.	Adaptive Forest Management when Nonmarket Values are Taken into Account.
1995	Agriculture Canada	Economic Instruments for Mitigating Climate Change in Canada's Agricultural Sector (with L. Arthur).
1995	BC Land Commission	Review of Study on the Allocation of Benefits from the Columbia River Treaty to BC Agricultural Producers.

Consultancies (cont)

1994-1996	Lawson Lundell Lawson & McIntosh	Evaluation of Barren Forest Land.
1993-1994	MacMillan Bloedel Inc.	Economics of the Vancouver Island CORE Land Use Decisions.
1994	Council of Forest Industries for BC	Cost-Benefit Analysis of the Proposed BC Forest Practices Code.
1990	BC Forest Resources Commission	Economic Analysis of Public Forest Land Use Decisions.

6. OTHER CONTRIBUTIONS**Senior Administrative Functions**

- Chair, Department of Applied Economics & Statistics, University of Nevada, Reno, 2000-2001.
- Head, Department of Agricultural Economics, University of British Columbia, 1996-1998 (All Departments in Agricultural Science closed March 31, 1998).
- Acting Head, Department of Forest Resources Management (UBC), for cases involving promotion to full professor, 1999-2000.
- Hampton-SSH Committee (UBC) (Adjudicates travel grants, small SSHRC grants and large Hampton grants in the social sciences and humanities), 1996–1998.
- Senior Appointments Committee, Faculty of Agricultural Sciences (UBC), 1994-98, 1999-2000.
- Senior Appointments Committee, Faculty of Forestry, 1999-2000.
- Faculty of Agricultural Sciences (UBC) Transition Team to restructure faculty, 1997-98.
- Faculty of Agricultural Sciences (UBC) Executive Committee, 1996-98.
- College of Agriculture, Univ. of Saskatchewan, Review Committee (tenure and merit), 1987-88.
- College of Graduate Studies, Univ. of Saskatchewan, Chair of Social Sciences A Committee (responsible for all graduate programs in Social Sciences and Physical Education), 1986-88.
- Grande Prairie Regional College, Member of Senate, 1978-79.

Committee and Other

- Department Computer Committee, Department of Economics, UVic, 2008-current
- Department Awards Committee, Department of Economics, UVic, 2008-2009, 2010-2011
- Departmental Planning Committee, Department of Economics, UVic, 2006-2008
- Department Search Committee, Department of Economics, UVic, 2002-2004
- Graduate Admissions Committee, Department of Economics, UVic, 2002-2005
- Graduate advisor in Agricultural Economics (UofS, UBC, UNR), Undergraduate advisor in Agricultural/Applied Economics (UBC, UNR), Faculty Computer Committee (Ag., UBC), Faculty–Student Liaison Committee (Ag., UBC), Timetable Committee (Ag., UBC), Academic Awards Committee (Ag., UBC), Representative to Faculty of Arts (Forestry, UBC), Institute of Agrology Examination Committee (UofS, UBC), Land-Use Interdisciplinary Studies Committee (UofS)
- Centre for Applied Conservation Biology, Faculty of Forestry, UBC, Associate, 1996-2000.
- Joint Faculty of Forestry-Faculty of Science Committee to establish Biodiversity Centre at UBC
- Executive member, UBC Graduate/Faculty Christian Forum
- Member of UBC Data Library Committee
- Chair, Committee to develop graduate program in Natural Resource & Environmental Economics, UBC

Community and Media Services

- Have appeared on numerous television and radio programs (e.g., CBC national television, CBC-Radio Vancouver, CBC-radio Canada Victoria, CFAV radio Victoria, CH Television Victoria, CKUA radio Edmonton, NewVI Television Victoria, editorials for National Post)
- Emmanuel Baptist Church, Deacon, 2014-2017
- Shelbourne Street Church of Christ, Elders Board, 2007-2012
- Volunteer at Victoria Judo Club (secretary; treasurer; webmaster; instructor, 2003-present)
- Instructor and Faculty Advisor, University of Victoria Judo Club, 2007
- Instructor and Faculty Advisor, University of Nevada Judo Club, 2000-20002
- Richmond Baptist Church, Elder, Deacon and Chair of Deacons' Board, 1996-2000

Editorial Work

- Editor of two special issues, *Forest Policy and Economics*, 2016
- Special issues editor, *Canadian J of Agricultural Economics*, 2009 to 2012
- Co-editor, *Canadian J of Agricultural Economics*, July 2007 to July 2010
- Associate Editor, *Letters in Spatial Geography and Economics*, 2007-present
- Editorial Board, *Australian Journal of Agricultural & Resource Economics*, 2007 – present
- Editorial Board, *International Review of Environmental & Resource Economics*, 2006 – present
- Guest co-editor, *Canadian J of Agricultural Economics*, Vol 53, December, 2005.
- Editorial Board, *Forest Policy & Economics*, 1999 – present.
- Editorial Board, *Environmental Science & Policy*, 1997 – 2002.
- Editorial Council, *J of Agricultural and Resource Economics*, 1991–95, 1997–2000.
- Guest editor, *Canadian Public Policy/Analyse de Politique*, Volume 23, June 1998.
- Advisory Board, *Choices*, 1991–92
- Publication Committee, Canadian Agricultural Economics and Farm Management Society, 1991–1992.

Ad hoc Reviewing

American J of Agricultural Economics; Energy Economics; Agricultural & Resource Economics Review; European Review of Agricultural Economics; J of Agricultural & Applied Economics; J of Empirical Finance; Agricultural Finance Review; PLOS ONE; PNAS; Science; Nature Communication; Resources, Conservation & Recycling; Biological Conservation; Canadian J of Forestry Research; Canadian J of Economics; Canadian J of Agricultural Economics; Canadian Public Policy; Contemporary Economic Policy; Economic Systems Research (Journal of the International Input-Output Association); Ecological Economics; Environmental & Development Economics; Environmental & Resource Economics; Environmental Science & Policy; European Review of Agricultural Economics; German-Israeli Foundation for Scientific Research & Development; Forest Ecology & Management; Forest Policy & Economics; Forest Science; International Review of Environmental & Resource Economics; Intergovernmental Panel on Climate Change (IPCC); International Yearbook of Environmental & Resource Economics; J of Agricultural & Resource Economics; J of Environmental Economics & Management; J of Environmental Management; J. of Environmental Quality; J. of Forest Economics; Land Economics; Natural Resource Modeling; Renewable & Sustainable Energy Reviews; Netherlands Organisation for Scientific Research (NWO – Nederlands Organisatie voor Wetenschappelijke Onderzoek); PEW Center on Global Climate Change; Prairie Forum; Review of Agricultural Economics; Sustainability (Online journal); Social Sciences & Humanities Research Council (SSHRC) of Canada; MITACS; Natural Sciences and Engineering Research Council (NSERC) of Canada; US National Science Foundation; US Environmental Protection Agency; Canada Research Chairs (CRC) program.

Letters of Evaluation for Tenure, Promotion and/or Awards for (since 2002):

Chad Lawley (University of Manitoba); Frans de Vries (University of Sterling); Linda Fernandez (Virginia Commonwealth University); Joe Herriges (Iowa State University/University of Alberta); Diane Dupont (Brock University); Quentin Grafton (Australian National University); Bruce A. McCarl (Texas A&M University); Harry Nelson (University of British Columbia); Claire Montgomery (Oregon State University); Murray Rudd (Memorial University of Newfoundland); Paul J. Thomassin (McGill University); Linda Fernandez (University of California, Riverside); Kurt Klein (University of Lethbridge); Ross McKittrick (University of Guelph); W.L. Adamowicz (University of Alberta); Scott Taylor (University of Calgary); Andrew Plantinga (Oregon State University); Kenneth Richards (Indiana University, Bloomington); William E. Schrank (Memorial University of Newfoundland, St. John's); P.C. Boxall (University of Alberta)

7. RESEARCH SUMMARY:

Summary

I have more than 35 years of experience in natural resource economics, including agricultural and forest economics, land-use management, mathematical programming, and, most recently, the economics of renewable energy and climate. My interests range from agricultural and forest economics to development economics and computational economics. I have published more than 200 peer-reviewed journal articles and 50 book chapters; I am the author of two books on climate economics, author or co-author of three books on land and forest economics, and co-editor of three books. My book with Erwin H. Bulte entitled *The Economics of Nature* (Blackwell, 2000) is considered a classic reference book for researchers in the field of wildlife and public land economics, and my 1995 paper in the *American Journal of Agricultural Economics* on the uptake of carbon in forest ecosystems is the standard reference for work in the field of terrestrial carbon offsets.

I have been a consultant to various governments and government agencies, the United Nations, the World Bank, the European Union, and a variety of non-governmental organizations, including the International Fund for Animal Welfare and the WWF. My numerous graduate students have gone on to work in the private sector, academia and government.

I am also a Fellow of the Canadian Agricultural Economics Society (2012) and was awarded its Publication of Enduring Quality Award in 2011. In 2014, I received the Faculty of Social Sciences' Research Excellence Award at the University of Victoria.

Most Significant Career Research Contributions

1. Climate and Forestry:

One of my most significant research contributions is in the area of mitigating climate change through biological sinks. In a series of papers starting in the late 1980s, I examined biological carbon sinks, both from a measurement and economic policy standpoint. I also built a forest management model that tracks all ecosystem and post-harvest carbon fluxes. The model permits one to determine the carbon fluxes associated with various management regimes, and was initially applied to a private forest holding in SE British Columbia; the research was later used by the BC Auditor General to demonstrate that carbon offset credits are so nuanced that they should not be used in trading schemes. As a direct result of my research and the Auditor General's report, operations of the Province's Pacific Carbon Trust were suspended for a time. Results of this

research are discussed further under ‘Research Team, Student Training, and Previous Output’. Because of my contributions, I was involved in a United Nations’ Food and Agricultural Organization conference and report on the role of forest carbon in mitigating climate change. In 2019, I was awarded a SSHRC Insight Grant to continue research in this important area.

2. Forest Economics:

I have made significant contributions to the forestry literature. These include peer-reviewed papers on forest management (e.g., in the context of carbon fluxes), natural disturbance, and forest policy and trade. I developed a 20-region, log-lumber global trade model, which was later expanded *upon* by one of my PhD students to five *additional products*. The global trade model was used to examine the potential impacts of a Russian tax on log exports and increased demand by European countries for wood pellets for meeting renewable energy targets. A more theoretical paper demonstrated that BC log export restrictions benefitted the province because BC could influence global log prices. Recently, I contributed to and edited a book on forest trade modeling in the context of the Canada-U.S. softwood lumber dispute. This book is being published by CAB International and will be released in 2021.

3. Agricultural Economics:

Throughout my career I have been involved in agricultural economics research, contributing papers on global food security, soil erosion, farm management, marketing boards, externalities from agricultural activities, protection of wetlands, and protection of farmland and rural landscapes. Along with my PhD students, I contributed a number of papers examining the protection of agricultural land from development and examined loss of wetlands in Canada’s Prairie Provinces. The focus was on the potential impacts of climate change on wetlands, waterfowl populations and policies to address loss of wetlands.

A fruitful area of research that has been developing in the past several years relates to business risk management in agriculture, and food security. Along with several graduate students at UVic and one in the Netherlands, my research has focused on agricultural insurance and its effects on output, productivity and climate. One aspect of this research relates to the potential development of index (weather)-based crop insurance products that avoid problems where an agricultural producer’s action (or inaction) can affect yields. This is avoided because producers cannot affect the weather.

Recently, I have written a textbook on agricultural economics and policy for a class that I taught, and am a co-author on a more ambitious book that covers almost every conceivable topic in agricultural economics. Both books are currently in the production stage at the University of Toronto Press and will be available in 2021 (see ‘Publication Record’, ‘Books’).

4. Energy Economics:

Because climate change and energy issues go hand in hand, a major area of my research focuses on renewable energy, particularly integrating intermittent energy into electricity grids, how the optimal mix of generating assets might change, the potential to store intermittent power, et cetera. In a number of papers, my students and I found that co-firing wood pellets with coal could actually lead to an increase in CO₂ emissions in the short but not long run, which could be a problem if there is an urgency to address climate change. We also found that intermittent wind and solar electrical generating sources could reduce CO₂ emissions from a fossil-fuel dominated grid by perhaps 20 to 25 percent, but that attempts to reduce emissions further, say by investing in large

storage devices, is too costly. Further, if nuclear energy is permitted into the generation mix, nuclear energy outcompetes wind and solar for storage. Overall, we demonstrate that it would generally not be possible to rely on wind and solar energy, but that, with nuclear power, an electricity grid could reduce emissions by some 90%.

5. *Wildlife Management:*

My earlier books, *The Economics of Nature* and *Conserving Nature's Diversity* have become graduate and general reference texts (with the former cited 392 times according to Google Scholar); they represent the culmination of more than a decade's research. More recent work focused on wildlife management more generally (endangered and invasive species) and the impact of climate change on migratory waterfowl. I had been asked by the United Nations' Convention on International Trade in Endangered Species of Flora and Fauna (CITES) Secretariat, the International Fund for Animal Welfare, and the WWF to provide various policy briefs pertaining to endangered species.

8. PUBLICATION RECORD

BOOKS

- Schmitz, A., C. Moss, T.G. Schmitz, G.C. van Kooten and H.C. Schmitz, 2022. *Agricultural Policy, Agribusiness and Rent Seeking Behavior. 3rd edition*. Toronto, ON: University of Toronto Press. (479pp.)
- van Kooten, G. Cornelis, 2021. *Applied Welfare Economics, Trade and Agricultural Policy Analysis*. Toronto, ON: University of Toronto Press. (304pp.)
- van Kooten, G. Cornelis and Linda Voss (editors), 2021. *International Trade in Forest Products: Lumber Trade Disputes, Models and Examples*. Wallingford, UK: CAB International.
- van Kooten, G.C., 2013. *Climate Change, Climate Science and Economics: Prospects for a Renewable Energy Future*. Dordrecht, NL: Springer. (466pp.)
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- Wang, S. and G.C. van Kooten, 2001. *Forestry and the New Institutional Economics*. Aldershot, UK: Ashgate Publishing. (201pp.)
- van Kooten, G.C. and E.H. Bulte, 2000. *The Economics of Nature: Managing Biological Assets*. Oxford, UK: Blackwell Publishers. (512pp.)
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van Kooten, G.C., 1993. *Land Resource Economics and Sustainable Development: Economic Policies and the Common Good*. Vancouver: UBC Press. (450 pp.)

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McLachlan, Brennan A. and G. Cornelis van Kooten, 2022. Reforming Canada's Dairy Supply Management Scheme and the Consequences for International Trade, *Canadian Journal of Agricultural Economics* 70(1): 21-39. DOI: 10.1111/cjag.12305

Russell, Alyssa R., G. Cornelis van Kooten, Jonathan G. Izett and Mark E. Eiswerth, 2022. Damage Functions and the Social Cost of Carbon: Addressing Uncertainty in Estimating the Economic Consequences of Mitigating Climate Change, *Environmental Management* 1-18. DOI: 10.1007/s00267-022-01608-9.

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Gebreegiabher, Z. and G.C. van Kooten, 2020. Commodity Storage, Post-Harvest Losses, and Food Security: Evidence from Ethiopia, *Journal of Agricultural & Food Industrial Organization. Special Issue on Food Stocks and Food Security* 18(1): 2019058. DOI: 10.1515/jafio-2019-0058.

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*** indicates presenter**

- Protecting Timber Supply on Public Land in Response to Catastrophic Natural Disturbance: A Principal-Agent Problem. Presented at the Canadian Resource and Environmental Economics Study Group Annual Conference, held at University of British Columbia, Vancouver, BC, 28-30 September, 2012. (Authors: T. Bogle and G.C. van Kooten*)
- Generating Electricity in a Carbon Constrained World: Wind, Gas and Nukes. Presented at the Canadian Resource and Environmental Economics Study Group Annual Conference, held at University of British Columbia, Vancouver, BC, 28-30 September, 2012. (Authors: G.C. van Kooten and Linda Wong*)
- Re-evaluating the Role of Biomass and Dead Organic Matter in the Optimal Forest Harvest Decision with Carbon Sequestration. Presented at the AAEA Annual Meeting, held in Seattle, WA, 12-14 August, 2012. (Authors: C. Johnston* and G.C. van Kooten).
- Using Carbon Taxes to Change Generating Asset Mix: A Case Study of the Alberta Electricity System and the Potential of Nuclear Energy. Presented at the AAEA Annual Meeting, held in Seattle, WA, 12-14 August, 2012. (Authors: G.C. van Kooten, L. Wong* and C. Johnston).
- Contributions by Economists to Climate Change. Invited presentation for the Agricultural Economics Institute, Wageningen University and Research Centrum, The Hague, Netherlands, 19 January, 2012.

Economics of Forest Carbon Offsets: Issues and Challenges. Presented at the Joint Annual Meeting of the Western Forest Economists & Western Mensurationists, held in Newport, OR, 10-12 June, 2012.

Planning Wildfire Budgets: Searching for a Simple Climate Based Index. Presented at the Joint Annual Meeting of the Western Forest Economists & Western Mensurationists, held in Newport, OR, 10-12 June, 2012. (Authors: Z. Xu* and G.C. van Kooten).

Optimal management of wetlands and waterfowl in Canada: Climate change. Presented at the Second LEARN Annual Workshop, held in Edmonton, AB, 26-27 May, 2012. (Authors: G.C. van Kooten*, P. Withey and L. Wong).

Weather index as a guide to facilitate planting of winter wheat & conservation of migratory waterfowl habitat in Saskatchewan. Presented at the Second LEARN Annual Workshop, held in Edmonton, AB, 26-27 May, 2012. (Authors: F. Zhang*, B. Sun*, P. Bell and G.C. van Kooten).

Climate Change, Climate Science and Economics: Contributions by Economists to Climate Change. Invited presentation for the Department of Social Sciences, Wageningen University and Research Centrum, Wageningen, Netherlands, 18 January, 2012.

Agriculture and Other Primary Sectors in Canada: Economic Perspectives. Invited presentation for the Dutch Ministry of Financial Affairs and Agriculture, The Hague, Netherlands, 17 January, 2012.

Integrating renewables into electricity grids: Economics. Invited presentation for the Bi-National German-Canadian Doctoral Training Network, University of Victoria – University of Oldenburg, Kick Off meeting, held at the University of Victoria, 16 to 18 November, 2011.

The effect of climate change on wetlands in Western Canada. Presented at the 2011 CAES & WAEA Joint Annual Meetings, held in Banff, AB, 29 June – 1 July, 2011. (P. Withey* and G. C. van Kooten).

The Impact of Agriculture on Waterfowl Abundance: Evidence from Panel Data. Presented at the 2011 CAES & WAEA Joint Annual Meetings, held in Banff, AB, 29 June – 1 July, 2011. (Authors: L. Wong*, G. C. van Kooten and J. Clarke).

Biotechnology in Forestry and Agriculture: Economic Perspectives. Invited presentation for the British Columbia Genomics, Society & Ethics Advisory Committee (GSEAC) Retreat, Vancouver, 9 June, 2011.

Prospects for a Low-Carbon Economy: Climate Change, Agriculture and the Rest. Invited presentation to the First Annual Canadian Agriculture Policy Conference: The Future of Farms and Food in Canada at Ottawa, ON, 13 to 14 January, 2011.

Low Carbon Economy and Society. Invited panel discussion at the Natural Resources Canada-UVic Symposium on Sustainable Prosperity: how can you help the Federal Public Service make a difference, 30 September, 2010.

The Economics of Hydro and Wind Power in a Carbon Constrained World. Contributed paper presented at the Canadian Economics Association Annual Meeting, Quebec City, May 2010. (Authors: Julia Hui Zhu*, G.C. van Kooten, Amy Sopinka)

The Economics of Hydro and Wind Power in a Carbon Constrained World. Contributed paper presented at the International Association of Business and Society (IABS) annual meetings, Banff, Canada, March 2010. (Authors: Julia Hui Zhu*, G.C. van Kooten, Amy Sopinka)

Meta-Analysis of Carbon Costs in Forests. Paper presented at the 44th Meeting of the Western Forest Economists held in Welches, OR, 4-6 May, 2009.

Use of Beetle-killed Wood for Electricity. Paper presented at the 44th Meeting of the Western Forest Economists held in Welches, OR, 4-6 May, 2009. (Authors: B. Stennes, K. Niquidet* and G.C. van Kooten.)

Expert Opinion Versus Transaction Evidence: Using the Reilly Index to Measure Open Space Premiums in the Urban-Rural Fringe. Paper presented at the Western Regional Science Association, 48th Annual Meeting held in Napa, CA, 22-25 February, 2009. (Authors: G. Cotteleer, T. Stobbe* and G.C. van Kooten.)

Climate, Biological Sinks and Energy. Invited lecture Landbouw Economisch Instituut (LEI) (Agricultural Economics Institute) of Wageningen University, The Hague, 2008.

Understanding Market Responses to Tiger Conservation Actions – a Modeling Approach. Invited lecture, TRAFFIC Workshop (in collaboration with the WWF Tiger Network Initiative), Cambridge, UK, 2008.

Risk and Uncertainty in Forest Management. Invited lecture, Pacific Institute of Mathematical Sciences (PIMS) Summer School, UBC, Vancouver, BC, 2008.

Vancouver Roundtable Discussion “Understanding the Implications of High Oil and Gas Prices for Federalism.” Liu Institute for Global Issues, UBC, Vancouver, BC, 2008.

Wind Energy: Challenges and Opportunities. Invited talk to Annual Conference of the Alberta Agricultural Economics Association, Red Deer, AB, 2008.

Carbon Taxes, Carbon Accounting and Forest Biomass Burning for Power Generation in British Columbia. IUFRO Workshop on Forest Sector Modeling Conference, Seattle, WA, 2008

An Economic Analysis of Mountain Pine Beetle Impacts in a Global Context. IUFRO Workshop on Forest Sector Modeling Conference, Seattle, WA, 2008.

The Protection of Agricultural Land in the Urban Fringe. Farm Level Policy Workshop, Ottawa, ON, 2008. (Authors: G. Cotteleer, T. Stobbe*, G.C. van Kooten)

Farming on the Urban Fringe: The Economic Impacts of Niche and Local Marketing Strategies. Farm Level Policy Workshop, Ottawa, ON, 2008. (Authors: A.J. Eagle*, R. Tunnicliff, G.C. van Kooten)

Biological Carbon Sequestration and Carbon Trading Re-Visited. XIIth Congress of the European Association of Agricultural Economists held in Ghent, Belgium, 2008.

The Economics of Tidal Stream Power. XIIth Congress of the European Association of Agricultural Economists held in Ghent, Belgium, 2008. (Authors: K. Monahan*, S. Boronowski, G.C. van Kooten)

A Spatial Bayesian Hedonic Pricing Model of Farmland Values. XIIth Congress of the European Association of Agricultural Economists held in Ghent, Belgium, 2008. (Authors: G. Cotteleer*, T. Stobbe, G.C. van Kooten)

- Agriculture, Energy and Climate Change. AFSE Meeting on “Frontiers in Environmental Economics and Natural Resources Management”, Toulouse, France, 2008. (Authors: M-H. Hubert*, U. Chakavorty, G.C. van Kooten)
- Hobby Farms and Protection of Farmland in British Columbia, Canadian Economics Association Annual Meeting, Vancouver, BC, 2008. (Authors: G. Cotteleer, A.J. Eagle*, T. Stobbe, G.C. van Kooten)
- Expert Opinion versus Transaction Evidence: Using the Reilly Index to Measure Open Space premiums in the Urban-Rural Fringe. Canadian Economics Association Annual Meeting, Vancouver, BC, 2008. (Authors: G. Cotteleer, T. Stobbe*, G.C. van Kooten)
- Biological Carbon Sequestration and Carbon Trading Re-Visited. Canadian Economics Association Annual Meeting, Vancouver, BC, 2008.
- The Economics of Tidal Stream Power. Canadian Economics Association Annual Meeting, Vancouver, BC, 2008. (Authors: K. Monahan, S. Boronowski*, G.C. van Kooten)
- Corruption and the Curse of Natural Resources. Canadian Economics Association Annual Meeting, Vancouver, BC, 2008. (Authors: S. Pendergast*, J. Clarke, G.C. van Kooten)
- Is there an Environmental Kuznets Curve at the Firm Level? Evidence from the Forest Industry. Paper presented at the SFM Workshop on “Global Competitiveness of Forest Industry” held in Victoria, BC, 22 to 23 November, 2007. (Authors: J. Yamaguchi*, G.C. van Kooten).
- An Economic Analysis of Mountain Pine Beetle Impacts in the Context of Global Change. Paper presented at the SFM Workshop on “Global Competitiveness of Forest Industry” held in Victoria, BC, 22 to 23 November, 2007. (Authors: B. Abbott*, G.C. van Kooten, and B. Stennes).
- Implications of CAP and Other Rich Country Agricultural Subsidies on Poor Countries. Paper presented at the International conference on “Agricultural Policy Changes: Canada, EU and the World Trade Organization”, held in Victoria, BC, 13 to 15 September, 2007. (Authors: Paul Schure, G.C. van Kooten*, Y. Wang).
- The Ghost of Extinction: Preservation Values and Minimum Viable Population in Wildlife Models. Paper presented at the American Agricultural Economic Association, Western Agricultural Economic Association, and Canadian Agricultural Economic Association Joint Annual Meeting, held in Portland, OR, 29 July to 1 August, 2007. (Authors: M. Esworth*, G.C. van Kooten).
- Farmland conservation near urban areas: Is BC’s Agricultural Land Reserve able to protect farmland from development? Paper presented at the American Agricultural Economic Association, Western Agricultural Economic Association, and Canadian Agricultural Economic Association Joint Annual Meeting, held in Portland, OR, 29 July to 1 August, 2007. (Authors: T. Stobbe*, G. Cotteleer, G.C. van Kooten).
- Optimal Forest Strategies for Economic Development in Northern Canada. Paper presented at the American Agricultural Economic Association, Western Agricultural Economic Association, and Canadian Agricultural Economic Association Joint Annual Meeting, held in Portland, OR, 29 July to 1 August, 2007. (Authors: E. Krmar, A.J. Eagle, G.C. van Kooten*).

- Carbon sequestration in forest ecosystems as a strategy for mitigating climate change. Paper presented at the American Agricultural Economic Association, Western Agricultural Economic Association, and Canadian Agricultural Economic Association Joint Annual Meeting, held in Portland, OR, 29 July to 1 August, 2007. (Authors: G.C. van Kooten, S. Laaksonen-Craig, Y. Wang*).
- Protecting Agricultural Land in the Rural-Urban Fringe: A Case Study of British Columbia's Agricultural Land Reserve. Paper presented at the Joint Annual Meetings of Agriculture, Food and Human Values Society (AFHVS) and the Association for the Study of Food and Society (ASFS), held at the University of Victoria, 30 May to 3 June, 2007. (Authors: A.J. Eagle*, T. Stobbe, G.C. van Kooten).
- Farmland Conservation in The Netherlands and Canada: evidence from GIS-based hedonic pricing analyses. Paper presented at the Workshop on "Understanding Relations in Nature and Economy: An Application to the Rural Countryside", held in Wageningen, The Netherlands, 31 May to 2 June 2007. (Authors: G. Cotteleer, T. Stobbe*, G.C. van Kooten).
- Another Look at the Softwood Lumber Trade Issue. Invited paper presented at the Forest Products Society Meeting, "Quality Drying for the 21st Century: Energy and Market Realities" held in Bellingham, Washington 15-17 November 2006.
- Modeling Trade in Forest Products: Some Examples from the Softwood Lumber Trade Dispute. Paper presented at the SFM Workshop on "Global Competitiveness of the Forest Industry" held in Victoria, B.C., 25-27 October 2006.
- Dynamic Programming and Learning Models for Management of a Nonnative Species. Selected paper presented at the Canadian Agricultural Economics Society Workshop on 'Crisis in Agriculture' held in Calgary, AB, 16-17 October 2006. (Authors: M.E. Eiswerth1, G.C. van Kooten*, J.M. Lines)
- Fuzzy Logic and Preference Uncertainty in Non-Market Valuation. Contributed paper Seventh Annual Global Conference on Environmental Taxation Instruments of Change for a Sustainable Economy. Faculty of Law, University of Ottawa. Ottawa: 22-24 October 2006. (authors: L. Sun*, G.C. van Kooten)
- Dynamic Programming and Learning Models for Management of a Nonnative Species. Canadian Agricultural Economics Society Workshop on 'Crises in Agricultural and Resource Sectors: Policy Responses', Calgary, 15-17 October 2006. (authors: M.E. Eiswerth, G.C. van Kooten*, A.J. Eagle).
- Land Degradation in Ethiopia: What do Stoves have to do with it? Contributed Paper to the 26th Conference of the International Association of Agricultural Economists, Gold Coast, Australia, 12-18 August 2006. (authors: Z. Gebreegziabher*, G.C. van Kooten, D.P. van Soest)
- Protecting the African Elephant: A Dynamic Bioeconomic Model of Ivory Trade. Contributed paper to the Annual Meeting of the American Agricultural Economics Association, Long Beach, CA, 23-26 July 2006.

Quality of Life as an Explanation of the Divergence between Ranchers' WTA and WTP for Public Forage. Contributed paper to the Annual Meeting of the American Agricultural Economics Association, Long Beach, CA, 23-26 July 2006 (authors: L. Sun, G.C. van Kooten, G. Voss*)

Meta-regression Analysis of Costs of Carbon Sequestration in Forest Ecosystems: An Update. Contributed paper to the 12th International Symposium on Society & Resource Management, Vancouver, BC, June 3-8, 2006 (authors: G.C. van Kooten, M. Wang*)

Forest Management and Community Development under Uncertainty. Contributed paper to the 12th International Symposium on Society & Resource Management, Vancouver, BC, June 3-8, 2006 (authors: E.M. Krckmar*, A.J. Eagle, G.C. van Kooten)

The Softwood Challenge: Can We Move Forward? Invited seminar presentation, Cross-Border Forum on Softwood Lumber, 16 February 2006.

Role of Biomass in Mitigating Climate Change. Invited seminar presentation, Department of Biology, University of Victoria, 1 December 2005.

Elephant Economics in the Rough. Seminar presentation, Department of Economics, University of Victoria, 28 October 2005.

Economics of Land Use. Invited seminar presentation, Department of Land Economy, University of Cambridge, 5 October, 2005.

Elephant Economics in the Rough. Selected paper presented at the 7th BIOECON Conference, King's College, Cambridge, 20-21 September 2005.

European EAAE PhD Workshop, Discussant on nine PhD presentations and chair of one session, Wageningen University, The Netherlands, September 2005.

Fuzzy Logic and Preference Uncertainty in Non-Market Valuation. Contributed paper presented at the Western Agric. Econ. Assoc. annual meetings, 8 July 2005 (authors: L. Sun*, G.C. van Kooten)

Integrating Wind Power in Electricity Grids: An Economic Analysis. Contributed paper presented at the Western Econ. Assoc. Int'l/Western Agric. Econ. Assoc./Canadian Agric. Econ. Society meetings, 7 July 2005.

Modeling the Economic Control of Invasive Weeds with an Application to Yellow Star Thistle. Organized symposium paper presented at the Western Agric. Econ. Assoc. annual meetings, 7 July 2005 (authors: M.E. Eiswerth*, G.C. van Kooten, A.J. Eagle)

The Effect of Uncertainty on Contingent Valuation Estimates: A Comparison. Contributed paper presented at the Canadian Agric. Econ. Society meetings, 6 July 2005 (authors: S.L. Shaikh, L. Sun*, G.C. van Kooten)

Invited dinner speaker, Alberta Agricultural Economics Association annual meeting at Red Deer, Alberta, 5 May 2005.

The Primary Sectors and Climate Mitigation: A Reality Check. Invited presentation, at joint Canadian Agricultural Economics Society/BIOCAP Workshop on Human Dimensions of Greenhouse Gas Management held in Victoria, 27-29 April 2005.

- The Primary Sectors and Climate Mitigation: A Reality Check. Invited seminar presentation, University Graduate Faculty of Economics, Oregon State University, Corvallis, OR, 11 February 2005.
- Economics of European Expansion: The Question of Agriculture. Invited seminar presentation, Center for International Business, Western Washington University, Bellingham, WA, 20 January 2005.
- Tradeoffs between Timber, Carbon and Biodiversity Objectives: A Compromise Programming Approach. Presented at the MCDM 2004: The 17th International Conference on Multiple Criteria Decision Analysis, August 6-11, 2004, Whistler, BC. (authors: E. Krcmar, * G.C. van Kooten and I. Vertinsky).
- Population Dynamics for a Threatened Species: Sage Grouse in Nevada. Selected paper presented at the Annual Meeting of the American Agricultural Economics Assoc., Denver, 1-4 August 2004 (authors: G.C. van Kooten, * M. Eiswerth, A. Eagle).
- Are Log Markets Competitive? Empirical Evidence and Implications for Canada-U.S. Trade in Softwood Lumber. Selected paper presented at the Annual Meeting of the American Agricultural Economics Assoc., Denver, 1-4 August 2004 (authors: K. Niquidet, G.C. van Kooten*).
- Policy Implications of Climate Change on Agriculture, Forestry and Wetlands. Invited Plenary Address to the Conference on 'The Science of Changing Climates' sponsored by the Canadian Societies of Agronomy, Soil Science, and Animal Science. University of Alberta, Edmonton, 20-23 July 2004.
- Clustering in Forest Management Zone Design with a Tabu Search Algorithm. Presented at EURO XX Operations Research Conference, July 4-7, 2004, Rhodes, Greece (authors E. Krcmar, S. Mitrovic-Minic, G.C. van Kooten, I. Vertinsky*)
- Conservation Payments under Risk: A Stochastic Dominance Approach. Contributed paper presented at the European Environmental & Resource Econ Assoc Annual meeting held in Budapest, June 2004. (authors: P.C. Benítez, * R. Olschewski, T. Kuosmanen and G.C. van Kooten).
- Price and Income Elasticities of Climate Change. Invited paper presented at the Joint Canadian Agricultural Economics Society and Northeastern Agricultural and Resource Economics Society Annual Meetings, 20-23 June 2004 (authors: J.S. Clark, * G.C. Van Kooten, J.W. Levedahl).
- Alien Invaders: The Economic Costs of Yellow Starthistle on California Rangelands. Paper presented at the Mid-Continent Regional Science Association Annual Conference, Madison, Wisconsin, 3-5 June 2004 (authors: A. Eagle, M. Eiswerth * G.C. van Kooten)
- The Economics of Terrestrial Carbon Sinks and Other Issues. Invited plenary session address at the International Conference on the Economics of Sustainable Forest Management, University of Toronto, Toronto, Canada, 20-22 May 2004.
- Clustering in Forest Management Zone Design with a Tabu Search Algorithm. Paper presented at the joint CORS/INFORMS conference, Banff, Alberta, 16-19 May 2004. (authors Emina Krcmar, * Snezana Mitrovic-Minic, G.C. van Kooten, Ilan Vertinsky)

- Are Stumpage Markets Competitive? Contributed paper presented at the Western Forest Economics Association annual meeting in Wemme, OR, May, 2004. (Authors: Kurt Niquidet,* G.C. van Kooten, Harry Nelson)
- The Economics of Terrestrial Carbon Sinks: Land Use, Land-use Change and Forestry (LULUCF). Paper presented at Policy Forum for Stakeholders and Policy Makers, Greenhouse Gas Management Canada BIOCAP-SSHRC Human Dimensions Research Network, Ottawa, 8-9 April, 2004 (authors: G.C. van Kooten, Emina Krcmar*).
- Ethics and the Protection of Nature: Religion, Science and Economics. Selected paper presented at the ASSA meetings in San Diego, January 3, 2004.
- The Effect of Respondent Uncertainty on the Willingness to Accept for Climate Change Programs: An Application to Canadian Agricultural Landowners. Selected paper presented at the Am. Ag. Econ. Assoc. annual meeting, Chicago, IL, July 29-Aug 1, 2003. (authors: S. Shaikh,* G.C. van Kooten)
- Can Forest Management Strategies Sustain the Little Red River/Tall Cree First Nations' Needs? Poster presented at SFM Network Conference ““Advances in Forest Management: From Knowledge to Practice”. Shaw Conference Centre, Edmonton, Alberta, November 13-15, 2002. (authors: E. Krcmar, H. Nelson, G.C. van Kooten,* I. Vertinsky)
- Certification of Sustainable Forest Management Practices: A Global Perspective on Why Countries Certify. Invited paper presented at the workshop on “Trade, Renewable Resources and Biodiversity”, Tilburg University, Netherlands, September 5-6, 2002.
- Uncertainty, Economics and the Spread of an Invasive Plant Species. Selected paper presented at the Am. Ag. Econ. Assoc. annual meeting, Long Beach, CA, July 28-31, 2002. (authors: G.C. van Kooten,* M. Eiswerth)
- Uncertainty, Economics and the Spread of an Invasive Plant Species. Selected paper presented at the West. Econ. Inter’nl annual meetings, Seattle, June 30-July 3, 2002. (authors: G.C. van Kooten, M. Eiswerth*)
- Costs of Creating Carbon Offset Credits: The Effect of Including Landowner Non-Market Values. Selected paper presented at the 2nd World Congress of Environmental & Resource Economists, Monterey, CA, June 24-27, 2002 (authors: S. Shaikh, P. Suchánek, G.C. van Kooten*)
- How Costly are Carbon Offsets? A Meta-analysis of Carbon Forest Sinks. Contributed paper presented at the 2nd World Congress of Environmental & Resource Economists, Monterey, CA, June 24-27, 2002 (authors: J. Manley,* G.C. van Kooten, K. Moeltner)
- Zoning versus Integrated Forest Management: Managing for Timber and Non-timber Objectives. Paper presented at the Systems Analysis Forestry Symposium Chile 2002. Punta de Tralca, Chile, March 4-7, 2002. (authors: E. Krcmar, G.C. van Kooten, I. Vertinsky*)
- Fuzzy Logic and Non-Market Valuation: A Comparison of Methods. In Proceeding of the Tenth Biennial Conference of the International Institute of Fisheries Economics and Trade. IIFET2000. July 10-14, 2000, Corvallis, OR. 11pp. (Authors: G.C. van Kooten* and E. Krcmar: Conference proceedings appear in 2001).