

THE UNIVERSITY OF BRITISH COLUMBIA
Curriculum Vitae for Faculty Members

Date: 2011.01.21

Initials: JAJ

1. **SURNAME:** Janmaat

FIRST NAME: Johannus

MIDDLE NAME(S): Anthonius

2. **DEPARTMENT/SCHOOL:** Economics (Unit 6)

3. **FACULTY:** I.K. Barber School of Arts and Sciences

4. **PRESENT RANK:** Associate Professor

SINCE: July 2008

5. **POST-SECONDARY EDUCATION**

University or Institution	Degree	Subject Area	Dates
Queen's University at Kingston	Ph.D.	Econometrics, Environmental and Resource Economics	09/96 to 05/02
Simon Fraser University	MBA	Finance	09/94 to 08/96
University of British Columbia	M.Sc.	Agricultural Economics	09/92 to 08/94
University of British Columbia	B.Sc.	Agricultural Economics	09/87 to 05/92

Title of Dissertation and Name of Supervisor

"Four papers in environmental and experimental economics."
 Supervised by Dr. John Hartwick.

Special Professional Qualifications

Language competencies: English, fluent; Dutch, functional.

6. **EMPLOYMENT RECORD**

(a) *Prior to coming to UBC*

University, Company or Organization	Rank or Title	Dates
Economics, Acadia University	Associate Professor	07/06 to 06/07
Economics, Acadia University	Assistant Professor	07/02 to 06/06
Social Sciences, Wageningen University, The Netherlands	Visiting Researcher	06/04 to 08/04
Economics, Acadia University	Lecturer	08/00 to 06/02
Economics, Queen's University at Kingston	Sessional Instructor	09/98 to 07/00
Economics, Queen's University at Kingston	Teaching Assistant	09/96 to 04/98

(b) *At UBC*

Rank or Title	Dates
Assistant Professor	07/07 to 06/08
Associate Professor	07/08 to present

(c) *Date of granting of tenure at U.B.C.: **July 2008.***

7. **LEAVES OF ABSENCE**

University, Company or Organization at which Leave was taken	Type of Leave	Dates

8. **TEACHING**

(a) *Areas of special interest and accomplishments*

Environmental and natural resource economics
 Econometrics, microeconomic theory and experimental economics

(b) *Courses Taught at UBC*

Session	Course Number	Scheduled Hours	Class Size	Hours Taught			
				Lectures	Tutorials	Labs	Other
2007/08W	ECON 371	3	31	3			
2007/08W	ECON 391D	3	25	3			
2007/08W	ECON 391E	3	22	3			
2008/09W	ECON 371	3	23	3			
2008/09W	ECON 391D	3	10	3			
2008/09W	ECON 391E	3	17	3			
2008/09W	ECON 391G	3	12	3			
2009/10W	ECON 370	3	23	3			
2009/10W	ECON 371	3	23	3			
2009/10W	ECON 372	3	31	3			
2009/10W	ECON 391E	3	11	3			
2010/11W	ECON 371	3	33	3			
2010/11W	ECON 261	3	84	3			
2010/11W	ECON 372	3	27	3			

(c) *Graduate Students Supervised and/or Co-Supervised*

Student Name	Program Type	Year		Principal Supervisor	Co-Supervisor(s)
		Start	Finish		
Kasondra White	M.A.	09/2007	05/2009	John Janmaat	John Wagner
Lisa Dahrouge	M.A.	09/2008	05/2012	John Janmaat	
Markandu Anpuhas	Ph.D.	09/2008	05/2013	John Janmaat	
Oleg Guchgeldiyev	Ph.D.	01/2011	05/2011	John Janmaat	Luna Bharati

(d) *Continuing Education Activities*

(e) *Visiting Lecturer (indicate university/organization and dates)*

(f) *Other*

Developing lecture and examination material to accompany new texts being used for all four courses taught in 2008/2009.

9. SCHOLARLY AND PROFESSIONAL ACTIVITIES

(a) *Areas of special interest and accomplishments*

Interests:

Water resource economics, bioeconomics, resource issues in urban and spatial economics.

Accomplishments:

(i) My most cited work is a bioeconomic model of a fishery, that outlines a double tragedy of the commons generated by incomplete property rights. This research demonstrated the importance of species aggregation and dispersal behavior in determining how fishers will behave, and how the fishery will respond.

(ii) A second significant research accomplishment was generated through a survey measuring household management of on-site wastewater treatment systems. It was shown that contrary to received wisdom, those with more education tend to invest less in septic system maintenance. I explained this result as due to the fact that those with more education are better able to understand their vulnerability to the choices of others, and therefore prefer to invest in drinking water treatment. Consequently, persuasion campaigns that are directed at educating people about their influence on groundwater (and similar public resources) may actually be counterproductive, as it highlights people's vulnerability to the actions of others.

(iii) A third important result comes from my doctoral work, where I showed how enforcement issues contributed to inefficiencies in an irrigation system in India, and that by adopting a rotation plan at the level that managers could control, much of the inefficiency could be contained. Thus, rather than trying to provide irrigation water each season to all irrigable land, in any given year a fraction of irrigators will go without, while the remainder receive sufficient water to flush salts from their soil. This is in essence an extension of the traditional *warabandi* rotation practiced by villages and farmer communities to a large scale irrigation project.

(iv) More recently, I have published a paper describing how using water licence rentals to raise funds for the purchase of conservation water would work, a result that I believe is very pertinent to the problem of securing water for the environment. This approach addresses two aspects of the problem of securing water for the environment. In the first place, by charging a larger licence rental fee, licence holders are encouraged to reduce the size of their licence, thereby reducing the problem of over-allocated water sources. Secondly, the rental can be used to accumulate funds to rent water for the environment during droughts.

(v) Finally, while not yet published, my current work on the role of water markets in the Okanagan has already been inspiring discussion among stakeholders and policy makers here in the valley. This work is already providing a valuable contribution to the current dialog around reforming the water act in British Columbia, even though it so far remains at the presentation stage only.

(b) *Research or equivalent grants (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC))*

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
CIDA	Preparing for an uncertain water future in Nepal through sustainable storage development.	C	75,000	10/11 11/12 12/13	International Water Management Institute	John Janmaat Kenneth Carlaw Fes deSally Andrew Klimek
NSERC	Water Sustainability under Climate Change and Increasing Demand: a One-Water Approach at the Watershed Scale	C	100,000 99,000	08/09 09/10 10/11	Adam Wei	John Janmaat Al Woodbury Craig Nichol
SSHRC	Think globally, act locally? an examination of persuasion campaigns and environmental behavior towards water	C	30,000 20,000 5,000	07/08 08/09 09/10 10/11	John Janmaat	
UBCO	Informal Water Trading: Does it Occur in the Okanagan	C	5,000	07/08	John Janmaat	
Acadia Univ.	Trail demand estimation: Kentville to Grand Pré along the Rail Trail	C	2,500	06/07	Brian VanBlarcom	John Janmaat
Acadia Univ.	SSHRC 4A Award	NC	5,000	06/07	John Janmaat	
Nova Forest Alliance	Costs and benefits associated with wildlife clumps and riparian zones	C	12,000	2006	Andrew Fedora	John Janmaat
Acadia Univ.	SSHRC 4A Award	NC	5,000	05/06		
Acadia Univ.	Does water scarcity predict arms accumulation?	C	3,200	2005	John Janmaat	
Acadia Univ.	Investing in Arms to Secure Water	C	2,500	04/05	John Janmaat	
SSHRC	Flushing Costs: The Economics of Septic Source Pollution in the Annapolis River Watershed	C	6,796	04/05	John Janmaat	
SSHRC	Transgenics and the Tragedy of the Commons	C	5,000	03/04	John Janmaat	
SSHRC	Measuring the 'From Away' effect.	C	2,000	02/03	John Janmaat	Edith Callaghan

Grant applications awaiting decision.

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
Agriculture and Agrifood Canada	Toward a Sustainable Agricultural Future – The Okanagan Case	C	766,500 657,750 606,500 606,500	10/11 11/12 12/13 13/14	Coordinator – Bernard Bauer	14 Co-PIs

(c) *Research or equivalent contracts (indicate under COMP whether grants were obtained competitively (C) or non-competitively (NC)).*

Granting Agency	Subject	COMP	\$ Per Year	Year	Principal Investigator	Co-Investigator(s)
BC Agricultural Research and Development Corporation	Measuring the socioeconomic costs and benefits of a targeted wild predator control and compensation program in British Columbia.		24,100	10/11 11/12	John Janmaat	
Okanagan Basin Water Board	Farm drought risk management in the Okanagan: Do farmers trade water?	C	17,857	07/08	John Janmaat	

(d) *Invited Presentations*

Janmaat, J. and White, K. "Opportunities and Reservations: Water Trading in the Okanagan" May 2009, Brock University and November 2009, Thompson Rivers University.
 Janmaat, J. and Ruijs, A. "Fishing in a Shallow Lake: A Case for Effort Controls?". February 2008, University of Montreal.
 Janmaat, J. "Correlated Rainfall Shocks and a Water Market with Irrigation". September 2004. Wageningen University.
 Janmaat, J. "Sharing Clams: An Experiment in Comparative Advantage". February 2002. Dalhousie University.

(e) *Other Presentations*

Janmaat, J. "The Future Okanagan". November 2007, Roundtable discussion organized by Okanagan Life Magazine.
 Janmaat, J. "The Economics of Water Resources". October 2007, Water Stewardship Council of the Okanagan Basin Water Board.
 Janmaat, J. "The Stern Report on Climate Change: Just More Hot Air?". March 2007, Acadia University.

(f) *Other*

(g) *Conference Participation (Organizer, Keynote Speaker, etc.)*

Chair, organizing committee, Canadian Resource and Environmental Economics working group annual meeting. Conference at Acadia University, October 2006.
 Scientific committee member, International Conference on the Economics of Poverty, Environment and Natural Resources, Wageningen University, The Netherlands, April 2006.

10. SERVICE TO THE UNIVERSITY

(a) *Memberships on committees, including offices held and dates*

UBCO: Member, SARAHS center. October 2009 to present.
 UBCO: Member, OSI director hiring committee. March 2008 to end of 2008 search.

UBCO: Chair, economics caucus hiring committee. September 2008 to end of 2008 search.
UBCO: Member, Okanagan Sustainability Institute Activities and Strategic Directions Steering Committee. March 2007 to present.
UBCO: Economics Caucus hiring committee. October 2007 to end of 2007 search.
Acadia: Council Member, Arthur Irving Academy for the Environment. 2003 to 2007.
Acadia: Member, Institutional Research Plan review committee. 2005 to 2006.
Acadia: Member, Arts Faculty Planning Committee. 2005 to 2007.
Acadia: Member, Economics department hiring committee. Three searches.

(b) *Other service, including dates*

11. SERVICE TO THE COMMUNITY

(a) *Memberships on scholarly societies, including offices held and dates*

European Association of Environmental and Resource Economists, 2007 to 2008.
Canadian Water Resources Association, 2005 to present.
Association of Environmental and Resource Economists, 2004 to present.
Canadian Economics Association, 2002 to present.
Atlantic Canadian Economics Association, 2000 to 2007.

(b) *Memberships on other societies, including offices held and dates*

(c) *Memberships on scholarly committees, including offices held and dates*

(d) *Memberships on other committees, including offices held and dates*

Member, Water Act Modernization subcommittee of Okanagan Water Stewardship Council, December 2009 to present.
Co-chair, Water Stewardship Council subcommittee on Water Economics, March 2009 to December 2009.
Voluntary Planning Nova Scotia, Member, Environmental Stewardship Committee, January 2003 to June 2006.

(e) *Editorships (list journal and dates)*

(f) *Reviewer (journal, agency, etc. including dates)*

Journal of Water and Health, one article reviewed in 2009
Water Resources Research, articles reviewed in 2009 and 2010
Canadian Journal of Agricultural Economics, articles reviewed in 2008 and 2009
Journal of Great Lakes Research, two articles reviewed in 2007
Marine Resource Economics, two articles reviewed from 2004 to 2005
Journal of Environmental Economics and Management, articles reviewed 2003, 2004, 2007, 2009 and 2010
Agricultural Economics, two articles reviewed from 2003 to 2005.

Grant application reviewer, Canadian Water Network, April 2006.
Research completion review, The British Academy, June 2006.

(g) *External examiner (indicate universities and dates)*

(h) *Consultant (indicate organization and dates)*

(i) *Other service to the community*

Invited Facilitator, Abbotsford Groundwater Forum, February 2009.

Voluntary Planning Nova Scotia, 2004, Unsolicited submission to the Task Force on Non-Resident Land Ownership. Final report modified to reflect comments.

Voluntary Planning Nova Scotia, 2001, Unsolicited submission to the Task Force on Non-Resident Land Ownership. Exert included in final report.

12. AWARDS AND DISTINCTIONS

(a) *Awards for Teaching (indicate name of award, awarding organizations, date)*

(b) *Awards for Scholarship (indicate name of award, awarding organizations, date)*

(c) *Awards for Service (indicate name of award, awarding organizations, date)*

(d) *Other Awards*

13. OTHER RELEVANT INFORMATION (Maximum One Page)

After one month in hospital, my mother passed away on New Years Eve, 2008. In October 2007, my then wife announced that she wanted to end our marriage of 14 years. Given these events, I have been less productive over the last eighteen months than I would normally expect of myself.

Acadia University, where I was employed from 2000 until 2007, is a primarily undergraduate university with a relatively high teaching load and no graduate program in economics. Family responsibilities necessitated taking the position prior to completing my Ph.D., and the teaching load delayed that completion for about 18 months.

THE UNIVERSITY OF BRITISH COLUMBIA

Publications Record

SURNAME: Janmaat

FIRST NAME: Johannus

Initials: JAJ

2007.11.24

MIDDLE NAME(S): Anthonius

Date:

1. REFEREED PUBLICATIONS

(a) *Journals*

Janmaat, J. "The Curse of Student Housing: Evidence from Wolfville, Nova Scotia." *CANADIAN JOURNAL OF REGIONAL SCIENCE* (forthcoming).

Janmaat, J. "Parrying Water Conflicts in the Okanagan: The Potential of a Water Market." *BC STUDIES* (forthcoming).

Janmaat, J. "Water Markets, Licences, and Conservation: Some Implications." *LAND ECONOMICS*. 87.1 (2011): 145-159.

Grauer, R and Janmaat, J. "Cross-sectional tests of the CAPM and Fama-French three-factor model." *JOURNAL OF BANKING AND FINANCE*. 34.2 (2010): 457 – 470.

Grauer, R. and Janmaat, J. "On the power of cross-sectional and multivariate tests of the CAPM". *JOURNAL OF BANKING AND FINANCE*. 33.5 (2009): 775 – 787.

Janmaat, J. and VanBlarcom, B.. "The Impact of All Terrain Vehicle Access on the Demand for a Proposed Trail". *MANAGING LEISURE: AN INTERNATIONAL JOURNAL*. 14.2 (2009): 57 – 70.

Janmaat, J. "Playing Monopoly in the Creek: Imperfect Competition, Development, and In-stream Flows". *RESOURCE AND ENERGY ECONOMICS*. 30.3 (2008): 455 – 473.

Janmaat, J. "A Little Knowledge...: Household Water Quality Investment in the Annapolis Valley". *CANADIAN JOURNAL OF AGRICULTURAL ECONOMICS-REVUE CANADIENNE D*. 55.2 (June 2007): 233 - 253.

Ruijs, A and Janmaat, J. . "Chasing the Spillovers: Locating Protected Areas in a Trans-Boundary Fishery". *LAND ECONOMICS*. 83.1 (February 2007): 6 - 22.

Janmaat, J. "Divergent Drinking Water Perceptions in the Annapolis Valley". *CANADIAN WATER RESOURCES JOURNAL*. 32.2 (Summer 2007): 99 - 110.

Janmaat, J. and Ruijs, A.. "Sharing the load? Floods droughts and managing international rivers". *ENVIRONMENT AND DEVELOPMENT ECONOMICS*. 12.4 (August 2007): 573 - 592.

Janmaat, J. "Correlated Rainfall Shocks and a Water Market with Irrigation". *ENVIRONMENT AND DEVELOPMENT ECONOMICS*. 11.2 (April 2006): 179 - 199.

Janmaat, J. "Sharing clams: tragedy of an incomplete commons". *JOURNAL OF ENVIRONMENTAL ECONOMICS AND MANAGEMENT*. 49.1 (January 2005): 26 - 51.

Janmaat, J. "Water applications and Pigouvian taxes to control irrigation-induced soil degradation". *JOURNAL OF DEVELOPMENT ECONOMICS*. 76.1 (February 2005): 209 - 230.

Janmaat, J. "Calculating the cost of irrigation induced soil salinization in the tungabhadra project". *AGRICULTURAL ECONOMICS*. 31.1 (July 2004): 81 - 96.

Grauer, R. and Janmaat, J. . "The unintended consequences of grouping in tests of asset pricing models". *JOURNAL OF BANKING & FINANCE*. 28.12 (December 2004): 2889 - 2914.

Blatt, S, Janmaat, J. and Harmsen, R.. ``Quantifying Secondary Succession: a Method for All Sites?" *COMMUNITY ECOLOGY*. 4.2 (July 2003): 141 - 156.

Blatt, S, Janmaat, J. and Harmsen, R.. "Modelling succession to include a herbivore effect". *ECOLOGICAL MODELLING*. 139.2 (April 2001): 123 - 136.

Janmaat, J. "Water distribution to contain soil degradation: sustainability and equity implications." *INTERDISCIPLINARY ENVIRONMENTAL REVIEW*. 2.2 (December 2000): 247-278.

Blatt, S. and Janmaat, J.. "Use of poisson regression for modeling host selection behavior of the western conifer seed bug, *Leptoglossus occidentalis* Heidemann (Hemiptera: Coreidae)." *PROCEEDINGS OF THE ENTOMOLOGICAL SOCIETY OF ONTARIO*. 128 (December 1997): 65-83.

(b) *Conference Proceedings*

Janmaat, J. and Ruijs, A. "Fishing in a Shallow Lake: A Case for Effort Controls?". Canadian Resource and Environmental Economics 2007. OTTAWA, Ontario, Canada. Oct, 2007.

Janmaat, J. and Ruijs, A. "Fishing in a Shallow Lake: A Case for Effort Controls?". EAERE 2007. Thessaloniki, Greece. Jun, 2007.

Janmaat, J. "Negotiating to Delay Regulation: Let's Just Keep Talking ...". EAERE 2007. Thessaloniki, Greece. Jun, 2007.

Janmaat, J. "A Little Knowledge:... Household Water Quality Investment in the Annapolis Valley". World Congress of Resource and Environmental Economists. Kyoto, Japan. Jul, 2006.

Janmaat, J. and Ruijs, A. "Investing in Arms to Secure Water". International Conference on the Economics of Poverty, Environment, and Natural Resources Conference. Wageningen, Gelderland, Netherlands. May, 2006.

Janmaat, J. "Playing Monopoly in the Creek: Imperfect Competition, Development, and In-stream Flows". Canadian Resource and Environmental Economics 2006. Wolfville, Canada. Oct, 2006.

Janmaat, J. "Racing for Water: Water Scarcity and the Rate of Development". Canadian Resource and Environmental Economics 2006. Wolfville, Canada. Sep, 2006.

Janmaat, J. "Reducing Septic System Failure in the Annapolis Valley: Knowledge Isn't Enough". Canadian Water and Wastewater Association annual meeting. St. John, New Brunswick, Canada. Apr, 2006.

Janmaat, J. "Racing for Water: Water Scarcity and the Rate of Development". Canadian Resource and Environmental Economics 2005. Montreal, Quebec, Canada. Sep, 2005.

Janmaat, J. and Ruijs, A. "Investing in Arms to Secure Water". XIV International Conference on Contemporary Development Issues. Kolkata, West Bengal, India. Dec, 2004.

Janmaat, J. "Ultimatums and Tantrums: A Resource Sharing Experiment". Canadian Experimental and Behavioural Economics meetings. Calgary, Alberta, Canada. Oct, 2004.

Janmaat, J. "Sharing Clams: Tragedy of an Incomplete Commons". Canadian Resource and Environmental Economics 2002. Montreal, Quebec, Canada. Oct, 2002.

(c) *Other*

2. NON-REFEREED PUBLICATIONS

(a) *Journals*

(b) *Conference Proceedings*

- Janmaat, J. "Fishing in a Shallow Lake: Exploring a Classic Fishery Model in a Habitat with Shallow Lake Dynamics." Accepted at the Western Economics Association International Pacific Rim Conference, Brisbane, Australia, April 2011.
- Janmaat, J. and Ruijs, A. "Fishing in a Shallow Lake: Managing a Fold Catastrophe" Presented at the World Congress of Resource and Environmental Economics, Montreal, Quebec, June 2010.
- Janmaat, J. and Anputhas, M. "Development of an Agent Based Coupled Economic and Hydrological Model of the Deep Creek Watershed in British Columbia, Canada." Presented at the International Congress on Environmental Modelling and Software meetings, Ottawa, Ontario. June 2010.
- Janmaat, J. and White, K. "Opportunities and Reservations: Water Trading in the Okanagan." Presented at the Canadian Economics Association meetings, Quebec City, Quebec, May 2010 and the Canadian Water Resources Association National Conference, Vancouver, British Columbia. June 2010.
- Edinger, H. and Janmaat, J. "What's in a Name? A Hedonic Pricing Model for Okanagan Valley Wines." Presented at the Canadian Economics Association meetings in Quebec City, Quebec, May 2010 and the Annual Conference of the American Association of Wine Economists, University of California Davis, California, USA. June 2010.
- Janmaat, J. and White, K. "Opportunities and Reservations: Water Trading in the Okanagan." Presented at the occasional meeting of the International Water Resource Economics Consortium, University of California Berkeley, California, USA. November 2009.
- Janmaat, J. "Water Markets, Licences, and Conservation: Some Implications." Presented at the Heartland Environmental and Resource Economics workshop, Champaign, Illinois, USA. October 2009.
- Janmaat, J. and White, K. "Opportunities and Reservations: Water Trading in the Okanagan." Presented at the Canadian Resource and Environmental Economics Working Group Meetings, Edmonton, Canada. October 2009.
- Janmaat, J. "Water Markets, Licences, and Conservation: Some Implications." Presented at the Canadian Economics Association Meetings, Toronto, Canada. May 2009.
- Janmaat, J. "Water Markets, Licences, and Conservation: Some Implications." Presented at the Canadian Resource and Environmental Economics Working Group Meetings, Toronto, Canada. October 2008.
- Janmaat, J. "Water Markets and Good Watershed Governance: An Inherent Conflict?" Canadian Water Resources Association "One Watershed - One Water" conference in Kelowna, British Columbia. October 2008.
- Janmaat, J. and Ruijs, A. "Fishing in a Shallow Lake: A Case for Effort Controls?" Presented at the International Institute for Fisheries Economics and Trade meetings in Nha Trang, Vietnam. July 2008.
- Janmaat, J. "Negotiating to Delay Regulation: Let's Just Keep Talking ...". Trans-Atlantic Land Use Conference. Washington DC, United States. Sep, 2007.
- Janmaat, J. "Negotiating to Delay Regulation: Let's Just Keep Talking ...". Heartland Environmental and Resource Economics workshop. Ames, Iowa. Sep, 2007.
- Janmaat, J. "Negotiating to Delay Regulation: Let's Just Keep Talking ...". Canadian Economics Association Meetings, 2007. Halifax, Nova Scotia, Canada. May, 2007.
- Janmaat, J. "A Little Knowledge:... Household Water Quality Investment in the Annapolis Valley". Canadian Economics Association Meetings, 2006. Montreal, Quebec, Canada. May, 2006.
- Janmaat, J. "Managing Septic Source Pollution: Lessons from the Annapolis Valley.". Canadian Policy Research Initiative: Freshwater for the Future. OTTAWA, Ontario, Canada. May, 2006.
- Janmaat, J. "A Matter of Scale: Enterprise Scale, Sustainability, and Government Policy". Greening of Industry annual conference. Oct, 2005.

- Janmaat, J. "Factors affecting Residential Property Values in a Small Historic Canadian University Town". Atlantic Canadian Economics Association meetings. Halifax, Nova Scotia, Canada. Oct, 2005.
- Janmaat, J. "Racing for Water: Reflections on the 1974 Okanagan Basin Agreement". Water - Our Limiting Resource: Towards Sustainable Water Management in the Okanagan. Kelowna, British Columbia, Canada. Feb, 2005.
- Janmaat, J. "Racing for Water: Water Scarcity and the Rate of Development". Canadian Economics Association annual meetings. Hamilton, Ontario, Canada. May, 2005.
- Janmaat, J. and Ruijs, A. "Investing in Arms to Secure Water". Atlantic Canadian Economics Association meetings. Sackville, New Brunswick, Canada. Oct, 2004.
- Janmaat, J. and Ruijs, A. "Sharing the Load? Floods, Droughts, and Managing International Rivers". Heartland Environment and Resource Economics workshop. Ames, Iowa, United States. Sep, 2004.
- Janmaat, J. "Correlated Rainfall Shocks and a Water Market with Irrigation". Heartland Environment and Resource Economics workshop. Ames, Iowa, United States. Sep, 2003.
- Janmaat, J. and Callaghan, E. "Endogenized Provision Points in Public Goods Experiments". Atlantic Canadian Economics Association meetings. Charlottetown, Prince Edward Island, Canada. Oct, 2003.
- Janmaat, J. "The Hayek Hypothesis and the Production Decision: An Experimental Analysis". Canadian Economics Association Meetings, 2003. OTTAWA, Ontario, Canada. May, 2003.
- Janmaat, J. "Sharing Clams: Tragedy of an Incomplete Commons". Canadian Economics Association Meetings, 2002. Calgary, Alberta, Canada. May, 2002.
- Janmaat, J. "Calculating the Cost of Irrigation Induced Soil Salinization in the Tungabhadra Project". Canadian Economics Association Meetings, 2001. Montreal, Quebec, Canada. May, 2001.
- Janmaat, J. "Economic Experiments on the Web: Designing and Effective System". Atlantic Canadian Economics Association meetings. Fredericton, New Brunswick, Canada. Oct, 2001.
- Janmaat, J. "Containing Irrigation Induced Soil Degradation when Efficiency Pricing cannot be Implemented". Canadian Agricultural Economics Society meetings. Vancouver, British Columbia, Canada. Jun, 2000.

(c) *Other*

Book Reviews.

"Review of the book Integrated River Basin Management Through Decentralization". *JOURNAL OF REGIONAL SCIENCE* 48.5 (2008): 1032-1034.

Electronic documents.

The Hayek Hypothesis and the Production Decision: An Experimental Analysis.

<http://econpapers.repec.org/scripts/redirect.pl?u=http://econwpa.wustl.edu:80/eps/exp/papers/0512/0512005.pdf;h=repec:wpa:wuwpx:0512005>.

Ultimatums and Tantrums: A Resource Sharing Experiment. <http://econpapers.repec.org/scripts/redirect.pl?u=http://econwpa.wustl.edu:80/eps/exp/papers/0512/0512004.pdf;h=repec:wpa:wuwpx:0512004>.

Interviews and other media contact.

Interview by Adrian Nieoczym, Kelowna Capital News, April 2008. Topic: Provincial legislation enabling a cap and trade program for climate change pollutants.

Interview by Marion Barschel, CBC Radio 1 Kelowna, April 2008. Topic: Rapid rise in food prices, esp. rice.

Interview by K. Michaels, Kelowna Capital News, March 2008. Topic: comment on bio-fuel startup.

Interview by Adrian Nieoczym, Kelowna Capital News, March 2008. Topic: Profile of several UBC faculty conducting research related to Climate Change.

Panel member, roundtable, chaired by Luke Redd, Okanagan Life Magazine, November 2007. Title: The Future of our Valley: A round table discussion.

Interview by Tracy Clark, for the Penticton Western News (newspaper), May 2007. Topic: Farmer Drought Risk Management Survey.

Interview by Wendy Elliot, for the Kentville Advertiser (newspaper), November 2005. Topic: Factors affecting property values in Wolfville.

Interview on 'Mainstreet', CBC Radio 1 Nova Scotia, October 2003. Topic: An alternative to twinning highway 101, a new highway from the Annapolis Valley to Truro.

3. BOOKS

(a) *Authored*

(b) *Edited*

(c) *Chapters*

Janmaat, J. "Stakeholder Engagement in Land Development Decisions: Proceed with Caution!". In The dynamics of land use and ecosystem services: a transatlantic multidisciplinary and comparative approach (in press). New York, New York: Springer, 2008.

Bohman, M. and Janmaat, J. "Supply Management and Vertical Coordination: the role of cooperatives". Regulation and Protectionism Under GATT: Case Studies in North American Agriculture. Ed. A. Schmitz, K.G. Coffin and K.A. Rosassen. Boulder, Colorado, United States: Westview Press, 1996.

4. PATENTS

5. SPECIAL COPYRIGHTS

6. ARTISTIC WORKS, PERFORMANCES, DESIGNS

7. OTHER WORKS

8. WORK SUBMITTED (including publisher and date of submission)

Janmaat, J. "Fishing in a Shallow Lake: Exploring a Classic Fishery Model in a Habitat with Shallow Lake Dynamics." *ENVIRONMENT AND RESOURCE ECONOMICS*. Revised manuscript submitted in October 2010.

Janmaat, J. "Drought Impacts, Irrigator Attitudes, and the Potential for Water Trading in the Okanagan." *CANADIAN PUBLIC POLICY*. Manuscript submitted January 2011.

9. WORK IN PROGRESS (including degree of completion)

Janmaat, J. "Green with Envy: Neighbourhood influences on water use in Kelowna, British Columbia". 50% complete.

Janmaat, J. and Pither, J. "Managing pollinators when pollinators can't manage: The role of native pollinators in the face of colony collapse." 20% complete.

Janmaat, J. and Anputhas, M. "Development of a coupled hydrology and land use model for assessing climate change impacts in the Deep Creek watershed." 20% complete.