

Dr JAMES D. FORD

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HIGHLIGHTS

- **Research:** Climate change vulnerability & adaptation research
- **Funding:** ~\$3.5m in research funding in first 2 years as faculty at McGill
- **Publications:** 44 peer reviewed articles many in leading journals, 29 in 2009 - 2011
- **Citation ranking:** Articles among the most cited in the human dimensions of climate change field
- **Service:** Contributing author to the IPCC, book and journal editor, student committees
- **Teaching:** Course instructor for environmental change courses, excellent student feedback

GENERAL INFORMATION

- Assistant Professor, Dept. of Geography, McGill University (2009 -).
- CIHR Postdoctoral Fellow (2008-2009) Dept. of Geography, McGill University.
- SSHRC Postdoctoral Fellow (2006-2008) Dept. of Geography, McGill University.
- PhD Geography (2006) Global Environmental Change Group, Department of Geography, University of Guelph.
- Research Scientist (2001-2002) Environmental Change Institute, University of Oxford, UK.
- MSc Environmental Change and Management (2001) Environmental Change Institute, University of Oxford, UK..
- BA Geography (2000) Dept. of Geography, University of Oxford, U.K.

RESEARCH & SCHOLARLY ACTIVITY

Current research themes

- Climate change impacts, adaptation and vulnerability among Indigenous populations
- Conceptual and methodological developments in vulnerability and adaptation research
- Novel approaches to tracking climate change adaptation globally
- Climate change and health

High research productivity in human dimensions of climate change field

Published peer reviewed articles

1. **Ford, J.**, et al. (2011). Canadian federal support for climate change and health research compared with the risks posed. *American Journal of Public Health*, 101(5), 814-821.
2. **Ford, J.**, et al. (2011). A systematic review of observed climate change adaptation in developed nations. *Climatic Change Letters* 106(2), 327-336.
3. **Ford, J.**, and Beaumier, B. (2011). Feeding the family during times of stress: experience and determinants of food insecurity in an Inuit community. *The Geographical Journal* 177 (1) 44–61.
4. Berrang-Ford, L., **Ford, J.**, and Patterson, J. (2011). Are we adapting to climate change? *Global Environmental Change* (21), 25-33
5. Pearce, T., Wright, H., Notaina, R., Kudlak, A., Smit, B., **Ford, J.**, and Furgal, C. (2011). Transmission of Environmental Knowledge and Land Skills among Inuit Men in Ulukhaktok, Northwest Territories, Canada. *Human Ecology*. 39 (3), 271-288.
6. Pearce, T., **Ford, J.**, et al. (2011). Climate change and mining in Canada. *Mit. Adapt. Strategies for Global Change*, 16 (3), 347-368.
7. Pearce, T., **Ford, J.**, et al. (2011). Advancing Adaptation Planning for Climate Change in the Inuvialuit Settlement Region (ISR): A Literature Review and Gap Analysis. *Regional Environmental Change*, 11, 1–17.
8. Lardeau, M., Healey, G., **Ford, J.** (2011). The use of photovoice to document and characterize the food security of users of community food programs in Iqaluit, Nunavut. *Rural and Remote Health* 11 (online), 2011: 1680.
9. **Ford, J.**, et al. (2010). Vulnerability of Aboriginal health systems in Canada to climate change. *Global Env. Change* 20, 668-680.
10. **Ford, J.**, et al (2010). Climate change policy responses for Canada’s Inuit population: The importance of and opportunities for adaptation. *Global Environmental Change*, 20, 177-191.
11. **Ford, J.**, and Pearce, T. (2010). What we know, don’t know, and need to know about climate change vulnerability in the western Canadian Arctic. *Environmental Research Letters* 5 014008 doi:10.1088/1748-9326/5/1/014008.
12. **Ford, J.**, et al. (2010). Case study and analogue methodologies in climate change vulnerability research. *Wiley Interdisciplinary Reviews: Climate Change* 1(3), 374-392.
13. **Ford, J.**, et al. (2010). Perceptions of climate change risks in primary resource use industries: a survey of the Canadian mining sector. *Regional Environmental Change*. 10(1), 65 – 81.
14. **Ford, J.**, et al. Vulnerability of community infrastructure to climate change in Nunavut: A case study from Arctic Bay. In: Smit et al (eds) Climate change vulnerability and adaption in Arctic regions.
15. Beaumier, M., and **Ford, J.** (2010). Food insecurity among Inuit females exacerbated by socio-economic stresses and climate change. *Canadian Journal of Public Health* 101(3), 196-201.

16. Goldhar, C., **Ford, J.**, and Berrang-Ford. (2010). Prevalence of food insecurity in a Greenlandic community and importance of social-economic-environmental stressors. *International Journal of Circumpolar Health* 69(3), 285-303.
17. Goldhar, C. and **Ford, J.** (2010). Climate change and food security in Qeqertarsuaq, Greenland. Chapter in: Smit et al (eds) Climate change vulnerability and adaption in Arctic regions, Springer.
18. Pearce, T., Smit, B., Duerden, F., **Ford, J.**, et al. (2010). Inuit vulnerability and adaptive capacity to climate change in Ulukhaktok, Northwest Territories, Canada. *Polar Record* 24(148) 1-21.
19. Thompson, H., Berrang-Ford, L., and **Ford, J.** (2010). Climate change and food security in sub-Saharan Africa. *Sustainability*. (8), 2719-2733.
20. **Ford, J.** (2009). Dangerous climate change and the importance of adaptation for the Arctic's Inuit population. *Environmental Research Letters* 4 doi: 10.1088/1748-9326/4/2/024006.
21. **Ford, J.** (2009). Vulnerability of Inuit food systems to food insecurity as a consequence of climate change: A case study from Igloodik, Nunavut. *Regional Environmental Change* 9(2), 83-100.
22. **Ford, J.**, and Furgal, C. (2009). Climate change impacts, adaptation and vulnerability in the Arctic. *Polar Research* 28(1), 1-9.
23. **Ford, J.**, and Berrang-Ford, L. (2009). Food insecurity in Igloodik, Nunavut: A baseline study. *Polar Record* 45(234), 225-236.
24. **Ford, J.**, Gough, B., Laidler, G., MacDonald, J., Qrunnut, K., and Irngaut, C., Sea ice, climate change, and community vulnerability in northern Foxe Basin, Canada. (2009). *Climate Research*, 37: 138-154.
25. **Ford, J.** (2009). Sea Ice Change in Arctic Canada: Are there Limits to Inuit Adaptation? In Adger, N. et al (eds). *Adapting to Climate Change: Thresholds, Values, and Governance*, p114-128
26. Laidler, G. J., **Ford, J.**, Gough, W. A., Ikummaq, T., Gagnon, A., Kowal, A., Qrunnut, K. and Irngaut, C. (2009). Travelling and hunting in a changing Arctic: assessing Inuit vulnerability to sea ice change in Igloodik, Nunavut. *Climatic Change* 94(3-4), 363-397
27. Pearce, T., **Ford, J.**, et al. (2009). Community collaboration and environmental change research in the Canadian Arctic. *Polar Research* 28(1), 10-27
28. Goldhar, C. **Ford, J.**, and Berrang Ford, L. (2009). Food security in western Greenland: A case study from Qeqertarsuaq. In: Oaks, J., Riewe, R., Bruggencate, C., and Cogswell, A. (eds) *Sacred Landscapes*, Aboriginal Issues Press, Winnipeg.
29. Berrang-Ford, L., MacLean, D., Gyorkos, T., **Ford, J.**, and Ogden, N. (2009). Climate change and malaria in Canada: a systems approach. *Interdisciplinary Perspectives on Infectious Diseases* 1-13.
30. **Ford, J.** (2008). Emerging trends in climate change policy: The role of adaptation. *International Public Policy Review*, 3(2), 5 – 15.
31. **Ford, J.** (2008). Climate, society, and natural hazards: Changing hazard exposure in two Nunavut communities. *Northern Review*, 28, 51-71.
32. **Ford, J.**, et al. (2008). Climate change in the Arctic: Current and future vulnerability in two Inuit communities in Canada. *The Geographical Journal*, 174(1) 45-62.
33. **Ford, J.**, et al. (2008). Climate change and hazards associated with ice use in Northern Canada. *Arctic, Antarctic and Alpine Research*, 40(4), 647-659.

34. **Ford, J.**, et al. (2007) Reducing vulnerability to climate change in the Arctic: The case of Nunavut, Canada. *Arctic*, 60 (2), 150-166.
35. **Ford, J.**, et al. (2006). Vulnerability to climate change in the Arctic: A case study from Arctic Bay, Nunavut. *Global Environmental Change*, 16 (2), 145-160.
36. **Ford, J.**, et al. (2006). Vulnerability to climate change in Igloodik, Nunavut: What we can learn from the past and present. *Polar Record*, 42 (221), 127-138.
37. **Ford, J.** and the Community of Igloodik. (2006). Sensitivity of hunting to hazards associated with climate change: Iglulingmiut perspectives. Chapter in Oaks, J., and Riewe, R. (eds) *Climate Change: Linking Traditional and Scientific Knowledge*, Aboriginal Issues Press, 202-235.
38. **Ford, J.** and the Community of Arctic Bay. (2006). Hunting on thin ice: Changing risks associated with the Arctic Bay narwhal hunt. Chapter in Oaks, J., and Riewe, R. (eds) *Climate Change: Linking Traditional and Scientific Knowledge*, Aboriginal Issues Press, 236-254.
39. **Ford, J.**, and Wandel, J. (2006). Responding to climate change in Nunavut: Policy recommendations. Chapter in White, J., Wingert, S., Beavon, D., and Mazim, P. (eds). *Aboriginal Policy Research: Moving Forward, Making a Difference*, Thompson Educational Publishing, Toronto, 103-122.
40. **Ford, J.**, and Smit, B. (2004). A framework for assessing the vulnerability of communities in the Canadian Arctic to risks associated with climate change. *Arctic*, 57(4), 389-400.
41. Boardman, J., Evans, R., and **Ford, J.** (2003) Muddy floods on the South Downs, southern England: problems and response. *Journal of Environmental Science and Policy* 6(1), 69-83.

In press peer reviewed articles

1. **Ford, J.**, et al. Canary in a coalmine: Perceptions of climate change impacts, adaptation, and mitigation in the Canadian mining sector. *Climatic Change*.
2. **Ford, J.**, and Pearce, T. Climate change vulnerability and adaptation research focusing on the Inuit subsistence sector in Canada: Directions for future research. *The Canadian Geographer*.
3. Lesnikowski, A., **Ford, J.**, et al. Adaptation to health impacts of climate change: A systematic study of UNFCCC Annex I countries. *Environmental Research Letters*.
4. Cunsolo Willox, A., Harper, S., Edge, V., Landman, K., Houle, K., **Ford, J.**, and the Rigolet Inuit Community Government. 'The Land Enriches Our Soul:' On environmental change, affect, and emotional health and well-being in Nunatsiavut, Canada. *Emotion, Space, and Society*.

In review peer reviewed articles

1. Gibb, C. and **Ford, J.** Should the UNFCCC recognize climate migrants?.
2. Paterson, J., **Ford, J.**, et al. Adaptation to climate change in the Ontario public health sector. *Climatic Change*.
3. Caron, A., **Ford, J.**, et al. Climate change adaptation planning in remote, resource dependent communities: An Arctic example. *Regional Environmental Change*.

4. McLeman, R. and **Ford, J.** Bringing Demographics into Climate Migration Research: Examples from Canada. In: *Disentangling Migration and Climate Change: Towards an Analysis of Concepts Methodologies, and Policies*. Editors: Faist, T. and Schade, J. Springer
5. Cunsolo Willox, A., Harpers, S., Edge, V. **Ford, J.** et al. "From this Place and of this Place:" Climate Change, Health, and Sense of Place in Rigolet, Nunatsiavut, Canada. *Social Science & Medicine*.
6. Cunsolo Willox, A., Harper, S., **Ford, J.**, et al. "Green Christmas, Full Graveyard:" climate change and mental health and well-being in Nunatsiavut, Canada. *Global Environmental Change*.

Peer reviewed journal special edition

1. 2009. Climate change vulnerability and adaptation in the Arctic. Special issue of *Polar Research*.

Peer review performance indicators

- Publications in high impact journals including 3 in *Environmental Research Letters* (impact factor: 3.34), 3 in *Climatic Change* (impact factor: 3.63), 4 in *Global Environmental Change* (impact factor: 3.34), 1 in *American Journal of Public Health* (impact factor: 4.37).
- Ford et al (2011) in *Climatic Change Letters*, profiled in *Nature Climate Change*.
- Berrang-Ford, Ford, Paterson (2011) published in leading disciplinary journal *Global Environmental Change* in February 2011 and already 4th most downloaded of all time.
- Ford (2009). In top 3% of downloaded articles from *Env. Res. Lettrs*, a highlighted article for 2009, and publication 'Article of the year'
- Ford et al (2006). In top 10 of cited articles in the leading disciplinary journal *Global Environmental Change* (65 citations)
- Ford et al (2006). Most cited of all time in *Polar Record* (27 citations)
- Ford and Smit (2004): in top 5% of ranked articles in last 10 years in *Arctic* (71 citations)

OTHER PUBLICATIONS

Edited Volumes

Ford, J., and Berrang-Ford, L. (2011). Climate change adaptation in developed nations: from theory to practice. Springer.

Journal contributions

Ford, J. (2008). Comment on Susan Crate's "Gone with the wind of winter: Grappling with the cultural implications of and anthropology's role in global climate change." *Current Anthropology* 49(4), 569-595

Ford, J. (2009). Climate change and globalization in the Arctic by Carina Keskitalo. *Arctic*

Commentary

Ford, J. (2008). Climate change adaptation: A priority in Inuit regions. *Sustainable Development Law and Policy*, 8(3), 25 – 31.

Book chapters

Ford, J. (2012). Why are remote Indigenous populations likely to be disproportionately affected by the health effects of climate change?

Wandel, J., Smit, B., Pearce, T. and **Ford, J.** (2010). Science and Indigenous Knowledge in Resource Management in the Canadian Arctic. In: Kasperson, R.E. (ed.) Closing the Science/Practice Gap: Vulnerability and Resilience in Global Environmental Change, Earthscan, London, forthcoming 2010.

Reports

Bolton, K., Loughead, M., **Ford, J.** et al. (2011). What we know, don't know, and need to know about climate change in Nunavut, Nunavik, and Nunatsiavut: A systematic literature review and gap analysis. A report for Indian and Northern Affairs Canada, produced by McGill University, Inuit Tapirrit Kanatami, and the Nunavut Research Institute.

Ford, J., and Beaumier, M. (2009). Food insecurity among Inuit women in Igloolik, Nunavut: The role of climate change and multiple stressors. Final report for Health Canada's Climate Change Adaptation in Northern First Nations and Inuit Communities Program.

Pearce, T., **Ford, J.**, et al. (2009). Climate change impacts and adaptations in the Canadian mining sector. Report for the David Suzuki Foundation.

Pearce, T. **Ford, J.**, et al. (2009). Climate change vulnerability and adaptation in the Inuvialuit Settlement Region: A systematic literature review and gap analysis. Report for Indian and Northern Affairs Canada. p144.

Pearce, T., **Ford, J.**, et al. (2010). Climate Change Adaptation Action Plan, Ulukhaktok, Northwest Territories. Guelph, Ontario. Joint publication of the Community of Ulukhaktok and ArcticNorth Consulting: 51p. ISBN: 0-9865908-0-

Pearce, T., **Ford, J.**, et al. (2010). Climate Change Adaptation Action Plan, Paulatuk, Northwest Territories. Guelph, Ontario. Joint publication of the Community of Paulatuk and ArcticNorth Consulting: 53 p. ISBN: 0-9865908-0-8

Ford, J. (2008). Scientific challenges, emerging issues, and the Canadian advantage in Arctic research: A social science perspective. Report for the High Arctic Research Station working group.

RESEARCH FUNDING

Brought in ~\$3.5m in research funding during first 2 years at McGill for interdisciplinary social science research

Currently funded projects (\$~3m)

- **IDRC International research initiative on adaptation to climate change.** PI. 2011-2016. Indigenous Health Adaptation to Climate Change. \$2.5m.
- **SSHRC Standard research grant.** PI. 2011-2014. Adaptation to climate change among remote Indigenous populations. \$167 500.
- **SSHRC Insight development grant.** PI. 2011-2013. Are we ready to adapt to climate change? \$75,000. Note: ranked top proposal in the applicant pool of 42.
- **ArcticNet.** PI. Climate change and food security among at-risk populations in regional Inuit centres. 2011-2012. \$100 000.
- **SSHRC Research Grants Northern Communities.** PI. 2009-2012. Feeding the family during times of change: Climate change, globalization, and food security among Inuit communities. \$152 656.
- **SSHRC Major Collaborative Research Initiatives Program: Co-Investigator.** Resources and Sustainable Development in the Arctic (ReSDA). 2011-2015. \$?

Completed projects (~\$500,000)

- **CIHR knowledge translation grant.** PI. 2010-2011. \$100 000.
- **CFCAS Knowledge Translation Grant.** PI. Increasing our understanding of what we are doing, should be doing, and have to be doing about climate change adaptation in the Canadian public health sector. \$70 000. 2010.
- **ArcticNet.** PI. Climate change and food security among at-risk populations in regional Inuit centres. 2010-2011. \$100 000.
- **Indian and North Affairs Canada.** PI. 2010-2011. A systematic review of climate change in eastern Canada. \$64,640.
- **ACRC IPY project.** \$17,500. 2009-2010. Completed
- **IDRC International research initiative on adaptation to climate change: seed grant.** PI. \$30 000. 2010. Completed.
- **Nasivvik Centre (CIHR) Complementary Funding Initiative.** PI. Climate change and food security among users of community food programs in Iqaluit, Nunavut. \$15 000. 2010-2011.
- **ACRC IPY Project.** Co-PI. 2010-2011. \$18,500
- **Health Canada.** PI. \$25 000 research grant under the “Climate Change and Health Adaptation in Northern First Nations and Inuit Communities Program,” for work with community of Igloodik on food insecurity in the context of a changing climate. 2009. Completed.
- **Health Canada Climate Change and Health Adaptation Program.** Co-PI with Arviat Health Committee. 2010-2011. \$75 000.

Funding performance indicators

- PI on IDRC funded project 1 of only 5 from across Canada to be funded from a pool of 124. Only project at McGill despite 8 applications from across faculties.
- Funds received from all tri-councils.
- SSHRC Insight grant application ranked #1 out of a pool of 42, receiving full marks on all categories.
- An additional \$1.3m of funding applications have been applied for and awaiting notification.

CONFERENCES & INVITED PRESENTATIONS

Presentations at leading conferences; invited speaker at CIHR, IDRC and CRC meetings

Conference Presentations (non-invited)

1. **Ford, J.** (2011). Why are Indigenous populations vulnerable to the health effects of climate change? ICARUS II meeting, Ann Arbor, May 5th 2011.
2. **Ford J.** (2010). Climate change and food security among at-risk populations in regional Inuit centres. ArcticNet ASM, December 2010, Ottawa.
3. **Ford, J.** (2010). Can we adapt to climate change in the Canadian Arctic? AAG annual meeting, Washington DC, April 2010.
4. **Ford, J.** (2010). Climate change adaptation in developed nations. AAG annual meeting, Washington DC, April 2010.
5. **Ford, J.** (2010). Climate change and Inuit vulnerability: policy responses. State of the Arctic conference, Miami, March 2010.
6. **Ford, J.** et al. (2009). The vulnerability of Aboriginal health systems to climate change. ArcticNet plenary presentation. 9th December 2009.

Invited presentations

1. **Ford, J.** et al (2011). Knowledge translation and dissemination in adaptation research. Invited talk at the IDRC, June 2nd 2011.
2. **Ford, J.** (2011). Climate change and Indigenous health. Invited talk at the “Environmental Health and Equity: Global Strategies and Innovation” meeting, Institute for Health and Social Policy, McGill, April 29th 2011.
3. **Ford, J.** (2011). Adaptation to Arctic climate change. Invited talk to McGill School of the Environment research symposium. April 13th 2011.
4. **Ford, J.** (2010). Climate change and health in the Arctic. Invited guest lecture at the Centre for Indigenous Nutrition and Environment, McGill. November 24th 2010.
5. **Ford, J.** (2010). Inuit health and climate change. Invited talk to the Faculty of Health Sciences, Simon Fraser University, November 17th 2010
6. **Ford, J.** (2010). The human dimensions of Arctic climate change. Invited presentation at OURANOS. October 20th 2010.
7. **Ford, J.** (2010). Climate change and Inuit health. Invited keynote presentation to CIHR Institute of Aboriginal Peoples Health. Iqaluit, May 2010
8. **Ford, J.** (2009). The vulnerability of Aboriginal health systems to climate change. CHNET webinar fireside chat presentation. 2nd December 2009
9. **Ford, J.** (2009). Climate change vulnerability & adaptation in the Arctic. Soup and Science, McGill, September 14th 2009
10. **Ford, J.** (2009). Invited panelist for Canada Research Chair’s “Connect with the North,” Congress of the Humanities and Social Sciences, Ottawa, May 2009

Invited but declined

Invited keynote presenter for the 2nd Climate Change Adaptation Congress in Melbourne, Sept. 2011

STUDENTS & RAs

Current Students

Michelle Maillet (MA). 2011-2013. Indigenous peoples in international climate policy.

Sara Statham (MA). 2010-2012. Climate change and food security in regional Inuit centers. 2-year CIHR scholarship.

Maude Beaumier (MA). 2009-2011. Climate change and female food insecurity in Arviat, Nunavut. CIHR masters award. 2-year CIHR scholarship.

Committee Membership

Cassandra Racicot, CINE, McGill, MSc.

Sherilee Harper, Dept. of Population Medicine, University of Guelph, PhD

Ashlee Consolo-Wilcox, Interdisciplinary Studies, University of Guelph, PhD

Graduate and undergraduate research assistants

Diana King (Research Asst.). 2011. Adaptation readiness in northern Canada.

Anna Bunce (Research Asst.). 2011 – Climate change funding in Canada

Marie-Pierre Lardeau (Research Asst.). 2009 – Climate change and food security among marginalized community members in Iqaluit.

Alex Lesnikowski (Research Asst.). 2010 – Heath adaptation tracking.

Will Vanderbilt (Research Asst.). 2009 – Science communication, adaptation tracking.

Graham McDowell (Research Asst.). 2008 –2011. Iqaluit land use monitoring program, climate change vulnerability in Nepal Himalaya. McGill SURA award. Now at Oxford.

Maggie Knight (Research Asst.). 2009 – 2011. Science communication.

Carolyn Poutiainen (Research Asst.). 2009 – 2011. Heath adaptation tracking.

Michelle Maillet (Research Asst.). 2010 – 2011. Climate change vulnerability & adaptation.

Jaclyn Paterson (Research Asst.). 2009 – 2011. Global adaptation tracking.

Irene Hofmeijer (Research Asst.). 2009-2010. Climate change and indigenous health in the Peruvian Amazon.

Kathryn Dingle (Research Asst.).2010. Climate change and health among Uganda's Batwa pygmies.

KC Bolton (Research Asst.). 2010 – 2011. Arctic climate change literature review.

Amanda Caron (Research Asst.). 2009 – 2011. Climate change adaptation plan development in the ISR.

Christina Goldhar (Research Asst.). 2006-2007, 2010-2011. Climate change vulnerability in Greenland.

Tanya Smith (Research Asst.). 2008 – 2010. Climate change vulnerability and adaptation – general.

Maude Beaumier (Research Asst.). 2008 – 2009. Climate change and female food insecurity in Igloolik, Nunavut.

Visiting scholars

Alex Ginsburg. 2010 – 2011. Fulbright Fellow. Perception of climate change vulnerabilities and adaptation among Inuit hunters in Nunavik.

Diego Lindoso. 2011-2012. Scholarship from the University of Brasilia to be a visiting PhD scholar.

Student publishing

14 articles published with students and RAs

MEDIA & SCIENCE COMMUNICATION

September 1st 2011. “Adapting to climate change,” by Jef Akst in The Scientist profiles the IHACC project.

April 15th 2011. “Our earth’s a hot potato” by Peggy Curran in the Montreal Gazette profiles my work on adaptation.

March 2011. Loughead, M (2011). “The sustenance evolution: using cameras to focus on northern diet,” March –April, 2011, pg10-16, in the magazine *Above & Beyond* profiles work done by team member Marie-Pierre Lardeau.

Feb 15th 2011. Getting to the root of Arviat’s food insecurity. Nunatsiaq News. Profile of my team’s food security work in Arviat.

August 2010. The *Windspeaker* newspaper profiles my study on Aboriginal health and climate change

17th May 2010. On CBC News North primetime TV show, Graham McDowell is interviewed on the Iqaluit Land Use Mapping project.

May 2010. Exploring food security among Iqaluit’s marginal population. Museum display at Nunatta Sunakkutangit Museum in Iqaluit

15th February 2010. Profile of Ford and Pearce article in ERL on Environmental Research Web

11th February 2010. Preserving health and well-being in the North. Profile of my work on the SSHRC website and Dialogue magazine

1st February, 2010. Inuit must adapt to climate. Profile of GEC article on CTV News

16th December 2009. Climate change costly for Inuit: study. Profile of GEC article on CBC, and >50 newspaper articles via Canada Press Agency.

17th November 2009. Interview on CBC News North (TV).

26th November 2009. Canada's north on thin ice. Profile of my work in the McGill Daily

9th November 2009. TV appearance on APTN news program discussing sea ice and climate change.

September 2009. Article in The Hill Times by SSHRC president Chad Gaffield, notes my food security work as an example of how SSHRC research is tackling the problem of climate change in Canada

September 2009. Quoted in "Canada must reign in tar sands to be credible in Copenhagen," The Hill Times

June 2009. Dangerous climate change and the importance of adaptation for the Arctic's Inuit – profile of my article in Env. Res. Lettrs on Environmental Research Web.

3rd April 2009. Interview featured in "Climate clock is ticking," by William Marsden, Montreal Gazette

TEACHING

- Course Instructor for GEOG 200: Geographical Perspectives on World Environmental Problems; GEOG 406: Human Dimensions of Climate Change; GEOG 514: Climate Change Vulnerability & Adaptation
- Innovative learning: GEOG 406 UN meeting simulation
- Strong evaluations

Mercury evaluation scores and comments for fall 2010: GEOG 200

Overall, this instructor is an excellent teacher: 4.1

"The truth is that Dr Ford is very interesting and passionate about his subject. I liked the fact that he's been on the spot to see things by himself besides a pure theoretical knowledge."

"It is evident that Dr. Ford is very passionate about the subject making it enjoyable."

"Charismatic man. Very good at doing lectures and very organized. Really prepares students well for university by assigning research papers, holding a lecture on how to write a research paper."

Overall, this is an excellent course: 3.9

"A very interesting course. This course makes me come to school everyday. My favorite so far at McGill."

"This is one of those courses that seems as though it should be mandatory for all students, because of the value of learning about these problems which are not discussed often enough."

"Even though I'm about to finish up with my B.Sc in Geography, I learned a hell of a lot from this course. This course enabled me to better understand the human side of climate change and environmental problems, something I did not learn much when taking physical geography course

..... The professor is excellent. James Ford is a guy who is relaxed and who is very organized, and who is charismatic when lecturing. He makes the material very interesting and strongly emphasizes the importance of looking at every dimension (human, physical, cultural) when studying climate change. No other course I have taken emphasizes this concept.”

The instructor explained concepts clearly and understandably: 4.3

Mercury evaluation scores and comments for winter 2011: GEOG 406

Excellent course: 4.6

“Best course I have taken so far at McGill. Learnt the most from this course.”

Learned a great deal: 4.7

“This is arguably the course in which I learned to most in my undergraduate career. The seminar structure of the course certainly provided a great atmosphere for learning.”

Excellent teacher: 4.4

“It is very apparent that Dr. Ford knows and loves what he is doing. No need to elaborate: Great job!”

“Prof. Ford obviously knows what he is talking about, and he is also a great communicator. As for the third assignment, it was an amazing way to learn about the structure of the UNFCCC and some of the difficulties of making international treaties. It ended up being much more intense and time consuming than I had originally anticipated, but I think that was just a result of everyone enjoying the assignment and making it really serious.”

“This class was my favorite course all year and would recommend it to anyone!! I don't normally fill out course evaluations, but this one required some praise. Professor Ford needs to take on more courses to teach within the geography department - I can't get enough of his material.”

Mercury evaluation scores and comments for winter 2011: GEOG 514

Excellent course: 4.6

“Hi James,

I'm so glad you enjoyed my paper- thank you for your feedback. Feel free to use it as an example for future years.

I learned an incredible amount in your class, thanks for all your time and support.”

Learned a great deal: 5.0

Excellent teacher: 4.8

Learned a great deal: 5.0

Explained clearly and understandably: 5.0

Of interest

One article that was submitted in my GEOG 514 class is now in review at *Global Env. Change* (Gibb and Ford)

SERVICE

Contributor to international scientific programs, journal reviews, journal editor, funding reviewer, conference special session organization

Continuing

- Editor: Regional Environmental Change
- Editorial board: Rural and Remote Health
- Reviewer of articles: American Journal of Public Health, Arctic (4), Polar Record, Journal of Political Ecology, Polar Research (7), Natural Hazards, Environment Development & Sustainability, Env. Research Letters, Global Environmental Change (4), Northern Review, Regional Environmental Change (4), Weather Climate & Society, JAMBA

Departmental Committees

- 2011 – GAC
- 2011 – Space committee

2011

- External reviewer for Government of Nunavut food security literature assessment
- PhD defence committee for Nicholas Houde, Dept. of Geography, McGill
- MA External examiner for Andra Syvanen, Dept. of Geography, Concordia
- CIHR Nassivik Centre, reviewer of master's and postdoctoral scholarship applications
- IPCC Fifth Assessment Report external reviewer for 2 chapters in Working Group II.
- Comps committee chair and human geographer for Günter Grill, Dept. of Geography, McGill
- Organizer of Indigenous Peoples and Climate Change special session at ICARUS II conference.
- MSc committee of Cassandra Racicot, CINE.
- PhD comps external examiner for Sherilee Harper, Population Medicine, U of Guelph.
- Honours student: Graham McDowell.

2010

- Organizer of two special sessions at the AAG
- PhD comps committee for Bano Mehdi, Dept. of Geography, McGill.

2009

- Invited panelist for Canada Research Chair's "Connect with the North," Congress of the Humanities and Social Sciences, Ottawa, May 2009
- Editor for Journal of Polar Research special edition: "Climate change impacts, adaptation, and vulnerability in the Arctic." Published April 2009.
- Editor of book "Climate change adaptation in developed nations" with Springer Publishing
- Contributing author to the Arctic Council's Sea, Water, Ice and Permafrost in the Arctic (SWIPA) assessment.

CONSULTING

Projects and scientific advice to major environmental organizations, advocacy groups, and government departments:

Completed in 2010

- Climate change adaptation planning in Paulatuk, Ulukhaktok, and Aklavik. Contract from INAC.

Completed in 2009

- Climate change vulnerability in the ISR: A literature review. Contract from INAC.
- Climate change impacts, adaptation and vulnerability in the Canadian mine sector: Contract from the David Suzuki Foundation.