

**Dr. Joan Nymand Larsen**  
**Stefansson Arctic Institute, Akureyri, Iceland**  
**&**

**University of Akureyri, Social and Economic Development Program, Iceland**

- 2002 Ph.D. in Economics, Department of Economics, University of Manitoba, Canada.  
 Ph.D. Thesis: “*Economic Development in Greenland: A Time Series Analysis of Dependency, Growth and Instability.*” Project Support by Commission for Scientific Research in Greenland  
 PhD fields of specialization: Economic Development; and Industrial Organization
- 1994 M.A. in Economics, Department of Economics, University of Manitoba, Canada.
- 1990 B.A. in Economics, Department of Economics, University of Manitoba, Canada
- 1984-87 Cand. polit. Studies, University of Copenhagen, Denmark

**Arctic Research Foci:** Arctic Economies; Human Settlements and Local Communities in the North; Natural Resource Based Economies and Economic Development; Global Change Impacts in the North; Socio-economic Impacts of Climate Change, and Adaptation; Human Development, Quality-of-Life and Living Conditions in the North; Arctic Social Indicators and Arctic Monitoring Systems; Economic Trend Analysis

**Current Experience:**

- 2002 – Senior Scientist, Stefansson Arctic Institute. Akureyri, Iceland
- 2004 – Lecturer, Faculty of Humanities and Social Science, Social and Economic Development Program and Polar Law Program, University of Akureyri, Iceland
- 2008 – President, International Arctic Social Sciences Association, IASSA (2008-2011)
- 1999-2002 Senior Economic Analyst, the Manitoba Teachers’ Society, Manitoba, Canada
- 1996-2002 Sessional Lecturer of Economics, Department of Economics, University of Manitoba
- 1998-2001 Researcher, Western Research Network on Education and Training, University of Manitoba.
- 1991-1996 Distance Education Instructor, Department of Economics, University of Manitoba

**Current Arctic project leadership, research partnerships, and select Arctic committee memberships:**

- Coordinating Lead Author of the *Polar Regions* chapter, for the IPCC WG-II contribution to the 5<sup>th</sup> Assessment Report (AR5) of the IPCC, Intergovernmental Panel on Climate Change (2010-2014). AR5: “Climate Change 2013: Impacts, Adaptation, and Vulnerability”.
- Project leader: *Arctic Social Indicators* (ASI-I & ASI-II); (IPY: 462) Endorsed by the Arctic Council’s SDWG, 2006-2011. Funded by the Arctic Cooperation Programme.
- Project leader: *Arctic Human Development Report* (AHDR II) project. Project start: 2010.
- Academic lead for university curriculum development project on *Arctic Economies and Livelihoods in a Changing Arctic*; University of the Arctic Thematic Network on Global Change.
- Course development/author: University of the Arctic BCS 331 course module development and revision: Contemporary Issues in the Circumpolar World: Non-renewable Resource Economies of the North: Petroleum Extraction; Non-Renewable Resource Economies of the North.
- Project manager and co-editor: *Arctic Human Development Report* (AHDR) project, Stefansson Arctic Institute, Akureyri, Iceland, 2004-2006.
- Research partner: *Political Economy of Northern Regional Development* (POENOR).
- Research partner: *Icelandic-Canadian Network for Comparative Studies of the Cumulative Impacts of Arctic Climate Change* (ICECAP).
- Research partner: UArctic Open Text Books project.
- Coordinator of the Northern Research Forum (NRF) Theme Group activities on *Northern Economy*.
- Editor of *Northern Notes*, Newsletter of International Arctic Social Sciences Association
- Editor of Economic Issues for *The Polar Journal* – a new multi-disciplinary journal focusing on Polar social sciences and humanities
- Editorial Board member of the new *Encyclopedia of Quality of Life Research*
- Editorial Board Member of the University of the *Arctic Atlas* Project.

- Member of Scientific Working Group: “*Arctic Economies and Sustainable Development*”, ICARP II: International Conference on Arctic Research Planning, 2006-2008
- Member of SAON-SG, Sustaining Arctic Observing Networks, representing SDWG and IASSA.
- Member of SWIPA-IT (Climate Change and the Arctic Cryosphere: Snow, Water, Ice and Permafrost in the Arctic); A follow-up to ACIA. Representing IASSA
- Member of Scientific Steering Committee of the *Arctic Science Summit Week* (ASSW).
- Member of the Steering Committee of the *Arctic Research Program*. MISTRA, Swedish Foundation for Strategic Environmental Research.
- Chair of the IASSA Council, 2008-2011.
- Member of Council, University of the Arctic (UArctic), for the Stefansson Arctic Institute.
- Member of Selection Committee, University of the Arctic
- Member of the Science Council of the University of Akureyri, Iceland.
- Board Member, Polar Law Institute, University of Akureyri, Iceland

#### Select Publications – Arctic research:

- **Larsen, Joan Nymand.** 2010. “Economies and Business in the Arctic Region” chapter in Polar Law Textbook. Editor: Natalia Loukacheva. TemaNord 2010:538. Nordic Council of Ministers, Copenhagen, Denmark, 2010
- **Larsen, Joan Nymand.** 2010. “Climate change, natural resource dependency, and supply shocks: The case of Greenland”, published in Political Economy of Northern Regional Development. Vol. 1. TemaNord 2010:521. Editor: Gorm Winther. pp. 188-198. Nordic Council of Ministers, Copenhagen, Denmark, 2010
- **Larsen, Joan Nymand** and Lee Huskey. 2010. “Material Wellbeing in the Arctic”, published in Arctic Social Indicators – a follow-up to the Arctic Human Development Report. Editors: Joan Nymand Larsen, Peter Schweitzer, and Gail Fondahl. TemaNord 2010:519. Nordic Council of Ministers, Copenhagen, Denmark, 2010
- Arctic Social Indicators – a follow-up to the Arctic Human Development Report. 2010. TemaNord 2010:519. Editors: **Joan Nymand Larsen**, Peter Schweitzer, Gail Fondahl. Nordic Council of Ministers, Copenhagen, Denmark, 2010
- **Larsen, Joan Nymand** and Gail Fondahl. “Introduction: Human Development in the arctic and Arctic Social Indicators” published in Arctic Social Indicators – a follow-up to the Arctic Human Development Report. Editors: Joan Nymand Larsen, Peter Schweitzer, and Gail Fondahl. TemaNord 2010:519. NCM, Copenhagen, Denmark, 2010
- **Larsen, Joan Nymand**, Peter Schweitzer, Gail Fondahl and Jack Kruse. 2010. “Conclusion: Measuring Change in Human Development in the Arctic” published in Arctic Social Indicators – a follow-up to the Arctic Human Development Report. Editors: Joan Nymand Larsen, Peter Schweitzer, and Gail Fondahl. TemaNord 2010:519. Nordic Council of Ministers, Copenhagen, Denmark, 2010
- **Larsen, Joan Nymand.** 2009. “Arctic Monitoring Systems” published in Climate Change and Arctic Sustainable Development: Scientific, Social, Cultural and Educational Challenges. UNESCO Publishing. pp. 309-317.
- Rasmussen, Ole Rasmus and **Joan Nymand Larsen.** 2009. “Future Challenges in the Arctic”, published in Structural Change in Europe – Innovative City and Business Regions. No. 6. Germany: Harbarth Publications
- **Larsen, Joan Nymand.** 2007. “Ressourcer, Handel, og Op- og Nedture i det Vestnordiske”, published in Samfundsøkonomen. No. 1, 2007. Djøf. Jurist- og Økonomforbundets Forlag. Copenhagen.
- **Larsen, Joan Nymand.** 2007. “Samfund under Pres: Samfundsøkonomiske Udfordringer for Arktiske Regioner i Norden”, published in Antologi: Arbejde, Helse og Velfærd i Vestnorden. Editor: Guðbjörg Linda Rafnsdóttir. Háskólaútgáfan og Rannsóknastofa í Vinnuvernd, Reykjavík. Iceland
- **Larsen, Joan Nymand.** 2007. “Human Development in the Arctic”, in the GoNorth! Edition. (2007). A publication of the University of the Arctic.

- **Larsen, Joan Nymand.** “Northern Economy”. A Northern Research Forum publication. NRF proceedings. 2007. Stefansson Arctic Institute: Akureyri.
- ”A Science Plan for the Arctic Social Sciences”. International Conference on Arctic Research Planning (ICARP II), 2007. Gorm Winther, **Joan Nymand Larsen**, Matt Berman, Colin Thor West, Olga Ulturgasheva, Yvon Csonka
- Arctic Human Development Report (2004). Editors: **Joan Nymand Larsen** and Annika Nilsson. Stefansson Arctic Institute. Akureyri.
- **Larsen, Joan Nymand.** 2004. “External Dependency in Greenland: Implications for Growth and Instability”. Northern Veche. Proceedings of the Second Northern Research Forum. Veliky Novgorod, Russia. September, 19-22, 2002”. 2004. Stefansson Arctic Institute: Akureyri. Editors: Jón Haukur Ingimundarson and Andrei Golovnov.
- **Larsen, Joan Nymand.** 2004. “Trade Dependency and Export-Led Growth in an Arctic Economy: Greenland, 1955-1998”. Native Voices in Research, 2004, Editor: Jill Oakes. Aboriginal Issues Press, University of Manitoba.
- **Larsen, Joan Nymand.** 2002. “Economic Development in Greenland: A Time Series Analysis of Dependency, Growth and Instability.” Ph.D. dissertation. University of Manitoba Press.

**Select scientific conference/workshop papers on northern issues:**

- **Larsen, Joan Nymand.** “Issues and Challenges in the Construction and Measurement of Arctic Social Indicators for the Arctic Economy: Material Well-being in the Arctic”. Presentation in session T4.5: Polar Lessons: Arctic and Antarctic governance and economics. Theme 4: Human dimensions of change: Health, society and resources. June 8, 2010. (Convener and presenter). Oslo IPY Science Conference 2010, Norway
- **Larsen, Joan Nymand.** “Pressing Issues in Polar Social Sciences”. Presentation in panel on “The History of Polar Social Sciences: Arctic and Antarctic Connections (S26). June 10, 2010. Oslo IPY Science Conference 2010, Norway.
- **Larsen, Joan Nymand.** “Implementation of an Arctic Social Indicator Set”. ASI-II implementation workshop, (Chair and Presenter) June 5-6, 2010. Roskilde, Denmark
- **Larsen, Joan Nymand.** Report of Breakout-Group on Human Health and Well-Being and Economic Development, SAON – Sustaining Arctic Observing Networks Workshop (break-out chair), March 18-19, 2010, Miami, USA
- **Larsen, Joan Nymand.** Report on the Proceedings of the Sustainable Development Working Group Roundtable on Cross-Cutting Pressures. Workshop of the Sustainable Development Working Group (SDWG) of the Arctic Council. (Session Facilitator and presenter). March 1-2, Copenhagen, Denmark
- **Larsen, Joan Nymand.** “Arctic Social Indicators and Long-term Monitoring: Considerations for Regional and Community Sustainability”. Presentation at the Arctic Frontiers conference, Tromsø, Norway, January 27-29, 2010.
- **Larsen, Joan Nymand.** “Social Science Data Management”. Presentation at the international IPY Data Management workshop, Ottawa, Canada, Sept 29-Oct 1, 2009.
- **Larsen, Joan Nymand.** “Arctic Social Indicators: Results Phase 1”. Presentation at the international ASI workshop Roskilde, Denmark, November 12-14, 2009.
- **Larsen, Joan Nymand.** “Measuring Quality of Life in the Arctic: Economy and Material Wellbeing”. Presentation at the international workshop of the Political Economy of Northern Regional Development (POENOR). Aalborg, Denmark, June 6-7, 2009.
- **Larsen, Joan Nymand.** “Human Development in the Arctic: Devising a Set of Indicators to Track Change”. A presentation in the session on Indigenous Culture held at the Arctic Science Summit Week (ASSW) 2009, Science Symposium on Arctic Connections – The Results of 150 Years of Research. Symposium held in Bergen, Norway, March 23-28.
- **Larsen, Joan Nymand.** “Samfundsökonomiske Udfordringer i Arktis: Udarbejdelse af Arktiske Indikatorer til Måling af Menneskelig Udvikling og Levevilkår”. Presented at the IPY seminar “Arktis – en Region i Forandring”, Stockholm, Sweden, March 11, 2009.

- **Larsen, Joan Nymand.** “Arctic Monitoring Systems”. Presented at UNESCO International Experts Meeting: “Climate Change and Arctic Sustainable Development, Scientific, Social, Cultural and Educational Challenges”. Organized by United Nations Educational, Scientific, and Cultural Organization (UNESCO). Monte Carlo, Monaco, March 3-6, 2009.
- **Larsen, Joan Nymand.** 2008. “Political Economy of Northern Development: Measuring Change”. A presentation at the international workshop on Political Economy of Northern Regional Development, an IPY workshop, Akureyri, Iceland, November 14-16, 2008.
- **Larsen, Joan Nymand.** 2008. “Global Change and the North Atlantic Region: Economic Vulnerability and Capacity for Adaptation”. A presentation at the International Congress of the Arctic Social Sciences, ICASS VI, Nuuk, Greenland, August 22, 2008.
- **Larsen, Joan Nymand.** 2008. “Material Well Being in the Arctic”. International Congress of the Arctic Social Sciences, ICASS VI, Nuuk, Greenland, August 21, 2008.
- **Larsen, Joan Nymand.** 2008. “Northern Economies, Primary Export Trade, and Climate Change”. A presentation at the workshop of the Icelandic-Canadian Network for Comparative Studies of the Cumulative Impacts of Arctic Climate Change (ICECAP), Akureyri, Iceland, March 10-11, 2008.
- **Larsen, Joan Nymand.** 2007. "Arctic Social Indicators: Material Well-being in the Arctic". 2007 ISQOLS conference, the international Society for Quality-of-Life Studies. From QOLS Concepts to QOL Performance Measures, December 6-8, San Diego, California.
- **Larsen, Joan Nymand.** 2007. "Data and Information Issues in Arctic Research". A presentation at the International Polar Year workshop on Sustaining Arctic Observing Networks. Stockholm, Sweden, November 12-14, 2007.
- **Larsen, Joan Nymand.** 2007. "Arctic Social Indicators". IPY workshop on Political Economy of Northern Regional Development. Skagen, Denmark, November 1-3, 2007.
- **Larsen, Joan Nymand.** 2007. "Northern Economies in a Time of Change". A presentation at the ESF conference on Global Environmental Change: The Role of the arctic Region. Nynashamn, Sweden, October 13-17, 2007.
- **Larsen, Joan Nymand.** 2007. "Material Well-being in the North". Second international workshop on Arctic Social Indicators in Roskilde, Denmark, June 8-10, 2007.
- **Larsen, Joan Nymand.** 2007. "Migration Experience in Iceland". A presentation at the international migration workshop, Migration in the Circumpolar North: Lessons Learned, Questions Remaining. Roskilde, Denmark, June 10-12, 2007.
- **Larsen, Joan Nymand.** 2008. “ICARP Social Science Plan”. A presentation at the Arctic Science Summit Week (ASSW), Dartmouth, Hanover, NH, USA, March 14-20, 2007.
- **Larsen, Joan Nymand.** 2006. “Measuring Change in Human Development in the Arctic”. A presentation at a special panel session on human development and climate change in the Arctic, at the Fourth Northern Research Forum, “The Borderless North”, Oulu, Finland and Luleå, Sweden, October, 5-8, 2006.
- **Larsen, Joan Nymand.** 2006. “Northern Economies”. A presentation at session on “Economies of the North”, at a session organized by Joan Nymand Larsen and Lee Huskey, at the Fourth Northern Research Forum Open Meeting, “The Borderless North”, Oulu, Finland, and Luleå, Sweden, October, 5-8, 2006.
- **Larsen, Joan Nymand.** 2006. “Regionale Udfordringer for en Differentieret Erhvervsstruktur, Stabilitet og Selvbærende Økonomi i Grønland.” Regional Economics Seminar, 18-21 May, 2006, Nuuk, Greenland.
- **Larsen, Joan Nymand.** 2006. “Tracking Human Development in the Arctic: Arctic Social Indicators”. Presentation at seminar held at the Scott Polar Research Institute, University of Cambridge, United Kingdom, March 31, 2006.
- **Larsen, Joan Nymand.** 2006. “Devising Indicators of Human Development in the Arctic”. International workshop on Arctic Social Indicators in Akureyri, Iceland, Sept. 15-17, 2006.
- **Larsen, Joan Nymand.** 2005. “Dependency and Economic Instability in the west-Nordic Region: Implications for Sustainability”. A presentation at the Economies of the North Workshop, a workshop of the Northern Research Forum, Oulu, Finland, May 20-22, 2005.
- **Larsen, Joan Nymand.** 2005. “Dependency, stability, and economic sustainability in the west-Nordic: Now and the future”. Presentation at Nordic seminar, “Velfærdspolitikken i Norden: Arbejde, Børnesundhed og Levevilkår i Vest Norden.” Reykjavik, Iceland, June 2.

- **Larsen, Joan Nymand.** 2005. "Development of Indicators for the Arctic Region". Presentation at International Polar Year seminar, Ilulissat, Greenland, April 27-29, 2005.
- **Larsen, Joan Nymand.** 2005. "Economic Development in the North: The Greenland Economy". Calotte Academy conference, Inari, Finland, May 26-27, 2005.
- **Larsen, Joan Nymand.** 2005. "Greenlandic Fisheries, Shock Effects, and Regional Economic Development". Presentation at the VIII Nordic-Scottish Conference on Rural and Regional Development, Akureyri, Iceland, September 22-25, 2005.
- **Larsen, Joan Nymand.** 2005. "Human and Economic Development in the Arctic Region: Challenges and Opportunities for Iceland and the West Nordic Region." Invited opening lecture at "Ísland og Norðurslóðir", a conference organized by the Icelandic Foreign Ministry, Reykjavik, Iceland, February 26, 2005.
- **Larsen, Joan Nymand.** 2005. "Major findings of the Arctic Human Development Report". Presentation at open meeting in connection with Calotte Academy conference, Inari, Finland, May 28, 2005.
- **Larsen, Joan Nymand.** 2005. "What we know: The Arctic Human Development Report." A presentation at the Economies of the North Workshop, a workshop of the Northern Research Forum, Oulu, Finland, May 20-22, 2005.
- **Larsen, Joan Nymand.** 2004. "Issues and Problems in Research on Arctic Economies." A presentation at the session on "Economies of the North", at the third Northern Research Forum, Yellowknife, North West Territories, Canada, September 14-17, 2004.
- **Larsen, Joan Nymand.** 2004. "Northern Economies." Presentation to Nordic Council of Parliamentarians Committee on Economy and Trade, Akureyri, Iceland, August 13, 2004.
- **Larsen, Joan Nymand.** 2004. "Sustainability, Development, and the West-Nordic Economies: Issues and Challenges in Research." University of Alberta on Arctic research planning, Edmonton, Alberta, Canada, December 15-17, 2004.
- **Larsen, Joan Nymand.** 2003. "Economic Development in Greenland: A Time Series Analysis of Dependency, Growth and Instability." Presentation to the Greenland Home Rule Government, Nuuk, Greenland, November 4-6, 2003.
- **Larsen, Joan Nymand.** 2002. "Causes and Consequences of Economic Instability in Greenland." Presentation at the Second Symposium of the Nordic Arctic Research Programme (NARP), Akureyri, Iceland, May 23-24, 2002.
- **Larsen, Joan Nymand.** 2002. "External Dependency in Greenland: Historical and Current Dynamics of a Dependency-Growth Relationship." Presentation at the Northern Veche – the Second NRF Open Meeting. An international conference of the Northern Research Forum, Veliky Novgorod, Russia, September 19-22, 2002.
- **Larsen, Joan Nymand.** 2002. "Structural Change and Break Points in the Greenland Economy." Presentation at the 13th Inuit Studies Conference, Anchorage, Alaska, USA, August 1-3, 2002.
- **Larsen, Joan Nymand.** 2002. "Trade Dependency and Primary Export-Led Growth in Greenland." Presentation at the Northern Countries Conference, Reykjavik, Iceland. March 16, 2002.
- **Larsen, Joan Nymand.** 2001. "A Macroeconomic Time Series Analysis of Economic Dependency in Greenland." Presentation at the Fourth International Congress of Arctic Social Sciences, Quebec City, Canada, May 16-20, 2001.