

# Arctic Human Development Report (II)

## AHDR-II: Regional Processes and Global Linkages

Joan Nymand Larsen (project leader)  
Stefansson Arctic Institute, Iceland  
&

Gail Fondahl (co-project leader)  
University of Northern British Columbia, Canada  
&

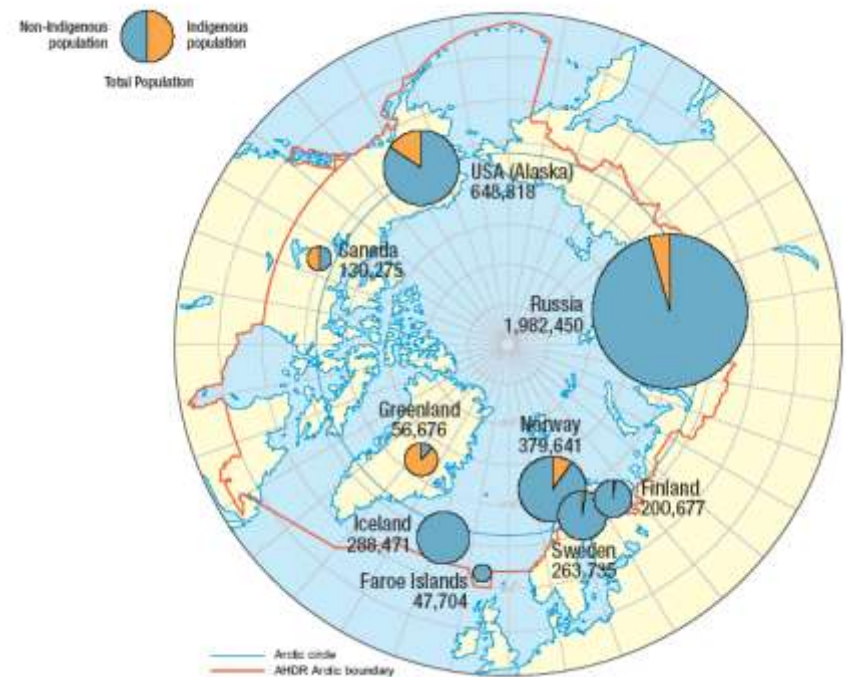
Henriette Rasmussen (co-project leader)  
KNR Nuuk, Greenland



*Sustainable Development Working Group*

# Arctic Human Development Report, AHDR-II

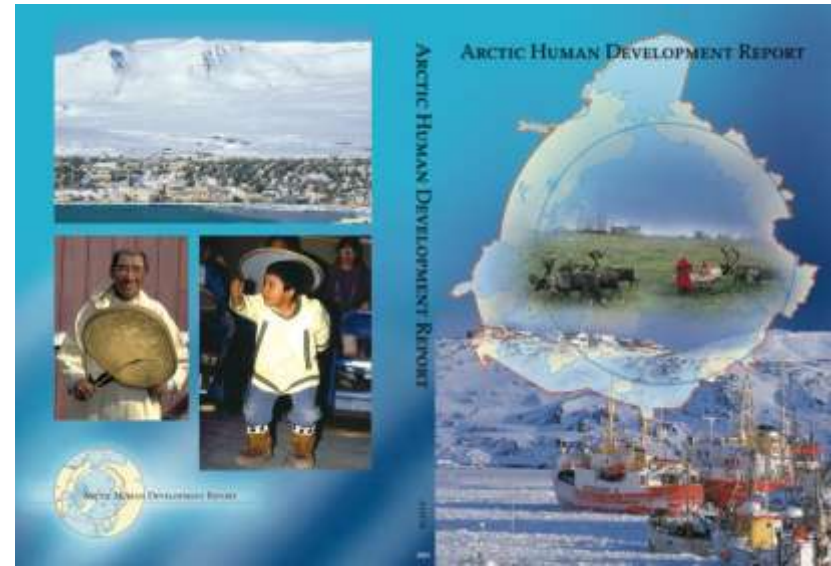
- Arctic Human Development Report (AHDR 2002-2004)
- Arctic Social Indicators ASI-I (2006-2009)
- Arctic Social Indicators ASI-II (2009-2011)
- AHDR-II (2011-2014)



# Circumpolar Assessments of Human Development and Quality of Life

AHDR (2004) –  
priority project of  
Icelandic  
Chairmanship of  
Arctic Council  
(2002-2004).

A snapshot, a  
baseline of human  
development in  
the Arctic.



# **AHDR 2004: Policy relevant conclusions**

Arctic societies have a well-deserved reputation for resilience in the face of change. But today they are facing an unprecedented combination of rapid and stressful changes involving environmental processes, cultural developments, economic changes, industrial developments, and political changes.

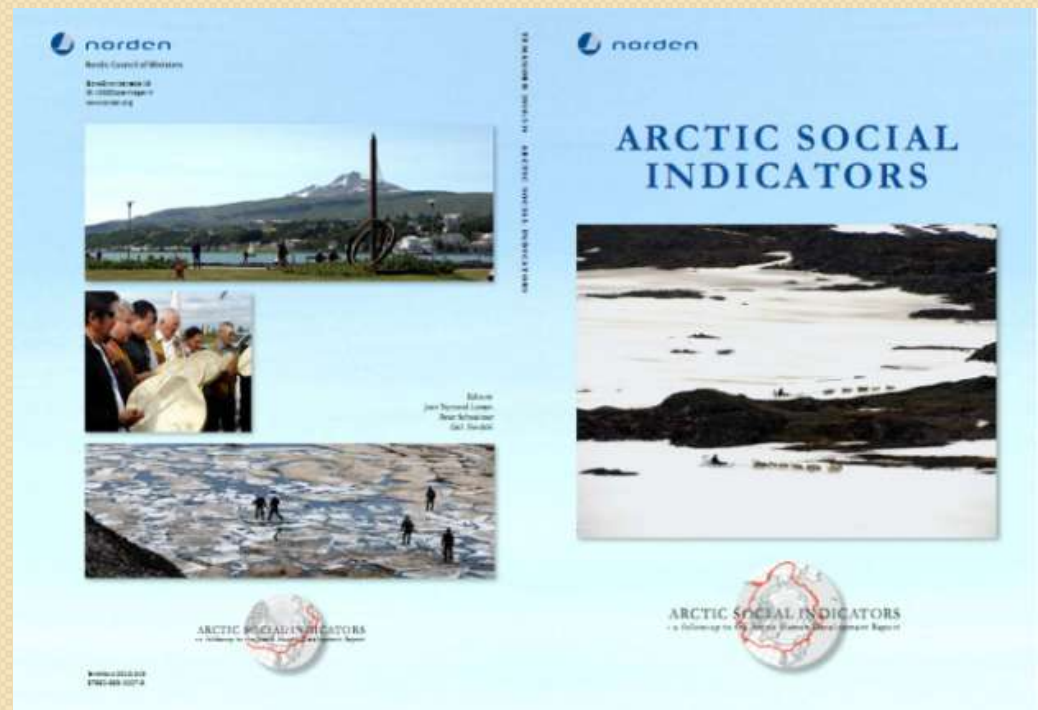
# AHDR II

- Provides an update to the baseline in terms of which to evaluate trends that affect sustainable human development among residents of the circumpolar world.
- To compare and contrast cultural, economic, political, and social conditions throughout the Arctic with similar conditions in other parts of the eight Arctic countries and in the world at large.

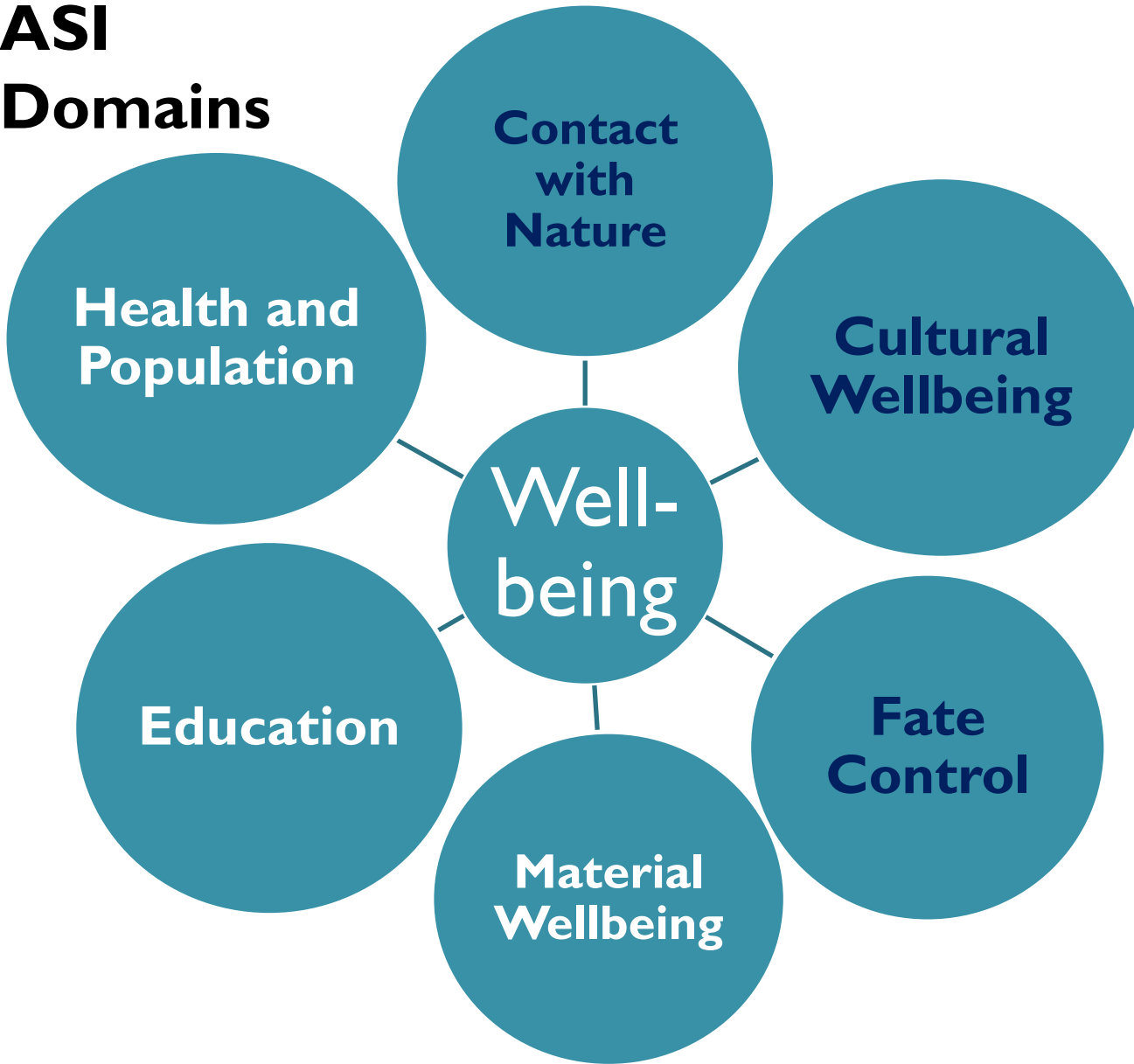


# ARCTIC SOCIAL INDICATORS (ASI) FOLLOW-UP TO AHDR - I

**Monitoring,  
Assessment,  
Science-  
Policy  
Interface**



# ASI Domains







**Reflects key aspects of human development**

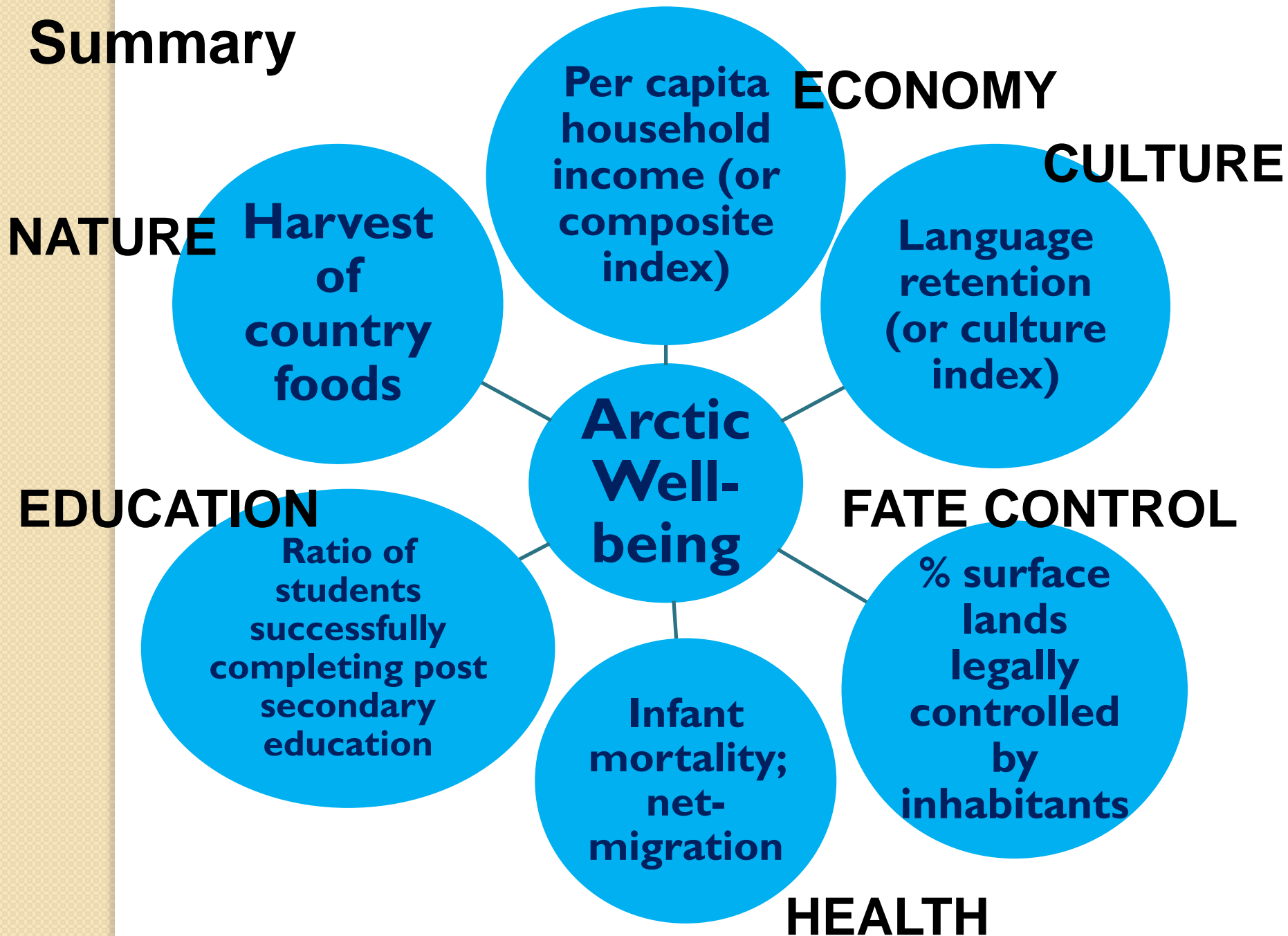
**A good indicator**

**Tractable in terms of measurement**

**Monitoring at reasonable cost**



# Summary



# ASI Focus Studies (Applications)

- Yamal-Nenets
- Sakha-Yakutia
- West Nordic (Greenland, Faroe Islands, Iceland, coastal area of Norway, Norwegian Sápmi)
- North West Territories (NWT)
- Alaska Inuit
- Inuit World – SLiCA application

# AHDR-II: Regional Processes and Global Linkages (2011-2014)

**AHDR-I**  
2002-2004

**ASI-I**  
Follow-up  
2006-2009

**ASI-II**  
Follow-up  
2009-2012

**AHDR-II**  
2011-2014

Change has major impact on people who live in Northern latitudes – and here environmental change will be a major science priority for coming decades

# **9th Conference of Parliamentarians of the Arctic Region, 2010, Brussels**

“Support the Icelandic initiative toward a second Arctic Human Development Report in 2014, bringing together state-of-the-art knowledge from the IPY that covers Arctic societies and their welfare in a global context.”

# Nuuk Ministerial Declaration 2011

- Note the need for a comprehensive overview of human development in the Arctic and call for an assessment of the current state of human development in the Arctic and its relationship with climate change and other factors affecting Arctic communities

# AHDR-II: Objectives and Rationale

- To provide an update to the baseline in terms of which to evaluate trends that affect sustainable human development among residents of the circumpolar world,
- To compare and contrast cultural, economic, political, and social conditions in the Arctic with similar conditions in other parts of the eight Arctic countries and in the world at large,
- To facilitate comparisons across the Arctic regarding key elements of human development and, in the process, make it possible to identify innovative policies and institutions in specific areas that might offer lessons applicable to other parts of the Arctic,
- To provide an assessment of human development and quality of life that the SDWG can use to identify priorities
- To contribute to our knowledge and understanding of the consequences and interplay of physical and social global change processes for human living conditions and adaptability.

# AHDR-II Guiding Questions

- ❑ How does the Arctic differ from the outside world and especially from the metropolises or heartlands of the Arctic states?
- ❑ How does indigeneity, ethnicity, and geography, age and gender affect perceptions of changes in the Arctic as related to management of natural resources.
- ❑ What are the impacts of climate and environmental change on resource governance?
- ❑ How much variance is there from one part of the Arctic to another in terms of your topic?
- ❑ What are the major trends unfolding at this time in relation to your topic?
- ❑ What are the main regional processes and global connections that are relevant to your topic?
- ❑ Main changes since AHDR (2004) – 10 years on in terms of your topic?



# AHDR-II Chapters

- 1) Introduction
- 2) Arctic Populations and Migration
- 3) Cultures and Identities
- 4) Economic Systems
- 5) Legal Systems
- 6) Resource Governance
- 7) Community Viability and Adaptation
- 8) Human Health and Well-being
- 9) Education and Knowledge
- 10) Political Systems and Global Governance
- 11) Globalization
- 12) Measuring Arctic Human Development - ASI
- 13) Conclusion: Arctic Human Development Ten Years Onward



# Arctic Populations and Migration

**Leads:** Timothy Heleniak, Dimitry Bogoyavlensky

- Total population change
- Population change from natural increase and net migration
- Fertility trends in the Arctic
- Mortality trends in the Arctic
- Changing gender composition of the Arctic
- Changes in the age composition of the Arctic
- Changes in the ethnic composition of the Arctic
- Migration in the Arctic
- Arctic Populations in the Future

# Cultures and Identities

**Leads:** Peter Schweitzer, Anna Sirina, Peter Sköld.

- **Historical Background to Circumpolar Cultures and Identities**
- **Circumpolar Cultures**
- Arctic Culture?
- Select Aspects of Northern Cultures

*Languages*

*Spirituality and World View*

*Arts*

- Cultural vitality and “culture loss”
- **Circumpolar identities**
- **Summary and Trends**
- Characterization of past, present and future trends
- What has changed since AHDR-I?

# Community Viability and Adaptation

**Leads:** Rasmus Ole Rasmussen, Grete K. Hovelsrud, Shari Gearheard

- **Community Basis**

*Size, function and localization of settlements*

*Demographic characteristics and Cultural Basis*

*Food security, subsistence and informal economy*

- **Community Dynamics**

*Urbanization*

*Interaction within and outside settlements*

- **Community Perspectives**

*Communities and people, Gender perspectives, Generation and generation shifts, Change versus stability*

- **Community Futures**

*Confronting and meeting the challenges*

# Economic Systems

**Leads:** Lee Huskey, Ilmo Maanpaa, Alexander Pelyasov

- Introduction: The special nature of the Arctic Economy
- General overview of the Arctic Economy
- Change in the Arctic economy 2000-2009.
- Uneven development across the Arctic.
- Stories of major economic changes (non-data driven) in four Arctic regions
- The future of the Arctic?

# Education and Knowledge

**Leads:** Diane Hirshberg and Andrey N. Petrov

- **Education and Educational Systems in the Arctic**
- Education systems in circumpolar, national, regional and local contexts
- Indigenous Education/ (transfer) transmission of traditional knowledge
- **Human Capital**
- **Educational attainment and attendance statistics in the Arctic**
- **HC and educational characteristics of Arctic populations**
- **HC and Indigenous and local knowledge**
- **Summary and trends**

# Human Health and Wellbeing

**Leads:** Arja Rautio, Birger Poppel, Kue Young

- **Health parameters** in the Arctic
- **Changing Arctic**
- **Quality of life**
- **Future challenges and gaps of knowledge**

**Risk of marginalization**

**Global and climate change**

**Hot spots** how to communicate/promote good health and quality of life of different groups of people in the Arctic (...young, elderly, indigenous) – a need of new ways to work and collaborate –good health care and education systems suitable for local circumstances and local people

# Legal Systems

**Leads:** Nigel Bankes, Timo Koivurova

- Preface: Main Trends of Legal Change from 2004  
*Examples of Legal Change since 2004*  
*Reality-check: Arctic as an extension of general legal regulation*
- Indigenous Rights: How International Law Developments Play Out in Domestic law of the Arctic States?
- Strategic Environmental Assessment SEA as an evolving Tool to Advance Sustainable Development over Increasing Resource Development in the Arctic



# Political Systems and Global Governance

**Leads:** Jessica Shadian and Robert Huebert

- Introduction: Governing the Arctic
- Arctic Governance since AHDR: What has changed?
- Local Arctic Governance
- Regional Governance bodies
- The Arctic in the World: Strategic Partnerships and the External Geopolitics of the Arctic
- A New Geopolitics of Arctic Oil, Gas and Natural Resources
- From Ice to Icebergs: Navigating through an Emerging Arctic Maritime Politics
- Multi-Actor security approach to the Arctic
- Indigenous Governance
- The Future of Arctic Cooperation

# Resource Governance

**Leads:** Bruce C. Forbes and Gary Kofinas

- Putting Arctic Resource Governance in a Global Context
- Local Systems of Resource Management
- State of Co-Management Arrangements
- Non-Renewable Resource Extraction in the Arctic
- Adaptive Governance in the face of Climate Change
- Integrating Local and Traditional Knowledge in Science and Resource Governance
- Resource Governance in an ice-free Arctic
- Case Studies

# Globalization

**Leads:** E. C. H. Keskitalo & C. Southcott

- Globalisation as a concept and potential impacts on the Arctic
- Economic globalization
- Political globalization
- Cultural and social globalization
- Discussion and conclusion: what or who is globalized?

Thank You

