

# ICASS VIII: Sessions Program



There are 13 session themes at ICASS VIII including:

- \* [Arctic Cultures](#)
- \* [Concepts & Ideas of Sustainability](#)
- \* [Education](#)
- \* [Environmental & Climate Change](#)
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- \* [Health & Well-Being](#)
- \* [International Relations & Law](#)
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- \* [Research Methodologies & Approaches](#)
- \* [Urban & Community Sustainability](#)

grey highlighting – indicates person is registered but we are unsure of travel visa status as of May 20, 2014

## ARCTIC CULTURES (ACUL)

### ~~ARAN: ARCTIC ANTHROPOLOGY OF NIGHTS – NARRATIVES, MOVEMENTS, AND ECOLOGIES OF THE DARK IN NORTHERN SPACES~~ ACUL1

Chairs: ~~Veronika V. Simonova~~ – European University, Russia 26 May, 10:30-12:00 | Room # 6-205/214  
~~Vladimir N. Davydov~~ – Museum of Anthropology and Ethnography, Russian Academy of Science (RAS), Russia

Session Cancelled

### ARCTIC MOBILITIES ACUL2

Chair: **Svetlana Usenyuk** - Aalto University, Finland 23 May, 10:30-12:00 | Room # 5-123

1. The Public and Politics of Immigration in the Barents-Euro Arctic Region: A Critical Analysis  
**Nafisa Yeasmin** - University of Lapland, Finland
2. Mobilizing Inuit Knowledge in Global Science and Multi-Level Governance  
**Noor Johnson** - Environmental Change Initiative, Brown University, USA
3. Proximal Design: Exploring the Agency of Users Through Mobility in Russian Arctic  
**Svetlana Usenyuk** - Aalto University, Finland  
on behalf of co-author, **Sampsa Hyysalo** - Aalto University, Finland
4. Modern Subsistence Patterns in Alaska: Mobility in the Harvest of Wild Resources in Southcentral Alaska  
**Davin Holen** - Division of Subsistence, Alaska Department of Fish and Game, USA
5. 21st Century Inuit Ordinary Mobility: First Results from an Exploratory Survey  
**Beatrice Collignon** - University of Bordeaux-Montaigne, France

### FACING THE MONSTROUS NORTH ACUL3

Chair: **Stefan Donecker** - Austrian Academy of Sciences, Austria  
Program: Working Group Arctic and Subarctic (AAS)

**Part 1** 24 May, 10:30-12:00 | Room # 7-150

1. Monsters and the North in Adomnán's Life of Saint Columba  
**Duncan Sneddon** - University of Edinburgh, United Kingdom
2. *In hoc tractu sunt cynocephales*: Dog-Headed Men in Northern Europe  
**Stefan Donecker** - AAS, Austria
3. The Battle of Grettir and Glámir: An Investigation of Grettir's Monstrosity in the Medieval Christian Context  
**Sarah Bienko Eriksen** - Háskoli Islands, Iceland

**Part 2****24 May, 15:00-16:30 | Room # 7-150**

1. Who is Hiding in the Twilight? - Deep Northern Woods as Home of Trolls and Other Creatures  
**Sophie Dietrich** - University of Aberdeen, United Kingdom
2. Monsters of Selkup Folklore Texts and Shamanic Incantations  
**Olga Kazakevich** - Lomonosov Moscow State University, Russia
3. Arctic Dreams and Nightmares: Alooook Ipellie's Vision of a Monstrous North  
**Ian J. MacRae** - Wilfred Laurier University, Canada

**ORAL HISTORY ALONG THE ARCTIC SHORES: MEMORIES, REPRESENTATIONS, DISRUPTIONS****ACUL4**Chair: **Florian Stammer** - Arctic Centre, University of Lapland, FinlandDiscussant: **Julie Cruikshank** - University of British Columbia, Canada**Part 1****22 May, 11:15-12:45 | Room # ADM 1079**

1. How Does Memory Become Collective and How Does it Travel Among Coastal Residents of the Arctic?  
**Florian Stammer** - Arctic Centre, University of Lapland, Finland
2. River and People - River People: The Making of a Siberian Place  
**Anna Stammer-Gossmann** - Arctic Centre, University of Lapland, Finland
3. Collective Suffering and Individually Hidden Pain: Nenets Ruptures from Soviet Collectivisation Policies presented by **Florian Stammer** on behalf of author, **Roza Laptander** - Arctic Centre, University of Lapland, Finland; Arctic Centre, Goningen, the Netherlands
4. Memories of Yesterday, Discourses of Today: The Struggle of Russian Sámi People to Construct a Meaningful Past  
**Lukas Allemann** - Arctic Centre, University of Lapland, Finland
5. Coming Back: Memories About Forced and Free Relocation Among Russian Sámi  
**Nina Meschtyb** - Arctic Centre, University of Lapland, Finland

**Part 2****22 May, 15:30-17:00 | Room # ADM 1079**

1. Recollections and Silences around the Soviet Nuclear Testing in Novaya Zemlya presented by **Stephan Dudeck** on behalf of author, **Karina Lukin** - University of Helsinki, Finland
2. Reindeer Returning from Combat - War Stories Among the Nenets of European Russia  
**Stephan Dudeck** - University of Lapland, Finland
3. Museums and Libraries Have Our Stories: The Different Lives of Sámi Narratives  
**Nuccio Mazzullo** - Arctic Centre, University of Lapland, Finland
4. **Julie Cruikshank** - University of British Columbia, Canada

**RELIGIOUS IDENTITIES IN THE ARCTIC IN THE PAST AND IN THE PRESENT****ACUL5**Chair: **Flemming A.J. Nielsen** - University of Greenland, Greenland**25 May, 09:00-10:30 | Room # 6-305**

Amalgamated with session # KHIS 5

**SURVIVING OR LIVING A GOOD LIFE? A CRITICAL APPROACH TO THE CONCEPT OF SURVIVAL IN ARCTIC SOCIAL SCIENCES****ACUL6**Chair: **Béatrice Collignon** - University Bordeaux-Montaigne & GDR Mutations polaires (CNRS), France**Part 1****25 May, 09:00-10:30 | Room # 6-205 / 211**

1. A Critical Approach to the Concept of Survival: Theoretical Basis for a Discussion  
**Beatrice Collignon** - University Bordeaux-Montaigne / GDR Mutations polaires (CNRS), France
2. Waking Up Sleeping Words and Stories: The Role of the Past in Inuinait Cultural Survival Today  
**Helen Balanoff** - NWT Literacy Council, Canada  
**Emily Kudlak** - Inuvialuit Cultural Resource Centre, Canada  
**Helen Kitekudlak** - NWT Literacy Council, Canada

3. A Lot Of Tongues Were Available': Enduring Stories of Survival in Cumberland Sound  
**Karen Routledge** - Parks Canada, Canada

## Part 2

25 May, 16:30-18:00 | Room # ADM 1079

1. The Notion of Survival in Inuktitut Language and in Family Photo Albums from Kangirsujuamiut (Nunavik, Northern Québec)
2. **Véronique Antomarchi** - University Paris Descartes & National Institute for Oriental Languages and Civilizations, France; on behalf of co-author, **Marc-Antoine Mahieu** - National Institute for Oriental Languages and Civilizations & CNRS – LACITO, France
3. Living or Surviving: What Difference Does it Make?  
**Beatrice Collignon** - University Bordeaux-Montaigne & GDR Mutations polaires (CNRS), France
4. Breaking the Boundaries of Body and Landscape – Micro and Macro Spaces in the Arctic Explorations  
**Joonas Vola** - Arctic Centre, University of Lapland, Finland

## CONCEPTS & IDEAS OF SUSTAINABILITY (CISU)

### ARCTIC CULTURES, ECONOMIES AND SUSTAINABLE DEVELOPMENT

CISU1

Chair: **Andrey Petrov** - University of Northern Iowa, USA

Program: Arctic-FROST

#### Part 1

22 May, 11:15-12:45 | Room # 7-238

1. Economic Sustainability and Indigenous Governments in the Canadian North  
**Stephanie Irlbacher-Fox** - Canadian Circumpolar Institute, University of Alberta, Canada
2. Challenged by Corporations: Local Perspectives on Land Use and Natural Resource Management in Churchill, Manitoba  
**Jessica Lankshear** - University of Saskatchewan, School of Environment and Sustainability, Canada  
on behalf of co-authors: **Nils Lokken** - University of Saskatchewan, School of Environment and Sustainability, Canada;  
**Vera Hausner** - University of Tromsø, Norway; **Else-Grete Broderstad** - University of Tromsø, Norway; and **Douglas Clark** - University of Saskatchewan, Canada
3. Life Support Systems of Indigenous Siberian People Under Conditions of Globalization and Climate Change (on the Example of Kets)  
**Alexei Medvedkov** - Moscow State University, Russia
4. Challenges for Sustaining the Hunting Economy in a Time of Increased Development  
**Petter Jacobsen** - Tlicho Government, Canada  
**Joseph Judas** - Tlicho Government, Canada  
**Archie Wetrade** - Gameti First Nation, Canada

#### Part 2

22 May, 15:30-17:00 | Room # 7-238

1. Towards Understanding Impacts on Arctic Communities: Socio-Economic Impact Indicators  
**Judith Klostermann** - Wageningen UR, Alterra, The Netherlands  
on behalf of co-authors: **Verina Ingram** - Wageningen UR, LEI, The Netherlands; **Natasha Valeeva** - Wageningen UR, LEI, The Netherlands; and **Wies Breeksema** - Wageningen UR, The Netherlands
2. Northern Wage Economy and Gender Dynamics  
**Magalie Quintal** - McGill University, Canada
3. On the Road Again: Environmental Justice, Sustainability, and Oil Development on Alaska's North Slope  
**Stacey Fritz** - PhD, University of Alaska Fairbanks, USA

### ARCTIC IDENTITIES AND SUSTAINABILITIES ACROSS PLACES AND TIMES: INTEGRATING IDENTITY CONCEPTS INTO CROSS-CULTURAL INITIATIVES FOR SUSTAINABILITY

CISU2

Chair: **Enrico Wensing** - George Mason University, USA

Program: Office of Polar Projects, National Science Foundation

**Part 1****24 May, 10:30-12:00 | Room # 7-152**

1. Portraits of Resilience: Our Common Humanity and Shared Futures  
**Christine Germano** - Constant Arts Society, Canada  
**John Crump** - Grid-Arendal, Canada  
**Enrico Wensing** - George Mason University, USA  
on behalf of co-author, **Ilan Kelman** - University College London, United Kingdom
2. The Role of Identity Discourse and Value Inquiry in Boundary Organization Collaboration for Sustainability: Guiding Insights from Arctic Communities  
**Enrico Wensing** - George Mason University, USA  
on behalf of co-authors, **Nancy Doubleday** - McMaster University, Canada; and **Victoria Hurth** - Plymouth University, United Kingdom
3. The Truth Was In It': From Trust to Testimony  
**Lia Ruttan** - NT Aurora Research Institute, Aurora College, Canada

**Part 2****24 May, 15:00-16:30 | Room # 7-152**

1. Governing Identity: Nation-Branding and Nation-Building in Greenland  
**Susan B. Vanek** - Binghamton University (SUNY), USA
2. The Emergence of an Arctic Identity in Norway: Towards International Cooperation or International Competition?  
**Ingrid A. Medby** - Durham University, United Kingdom
3. Take it from the Top of the World: Co-research Through Collaborative Cross-Cultural Visual Construction as an Identity Journey of Discovery, Understanding and Declaration  
**Suzanne Robinson** - Aurora College/ University of Essex, United Kingdom

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**ARCTIC SUSTAINABILITIES, STAKEHOLDER ENGAGEMENT, AND THE INTERDEPENDENCE OF ARCTIC AND GLOBAL CHANGES****CISU3**

Chair: **Kathrin Keil** - Institute for Advanced Sustainability Studies (IASS), Germany **23 May, 10:30-12:00 | Room # 8-166**  
Program: IASS

1. The Politics of Arctic 'Sustainability'  
**Kathrin Keil** - IASS, Germany  
on behalf of co-author, **Thilo Wiertz** - IASS, Germany
2. Sustainable Development in Arctic International Cooperation: A Conceptual Dead End Street?  
**Christoph Humrich** - University of Groningen, The Netherlands
3. Sustainable Mining and Indigenous Stakeholders – Conflicts or Consent?  
**Vigdis Nygaard** - Northern Research Institute - Norut Alta, Norway, Norway
4. Stakeholder Engagement in HIA: The Stakeholders' Perception  
presented by **Zoe Barrett-Wood**, on behalf of co-authors: **Jen Jones** - University of Anchorage Alaska, USA; and **Brad Bradshaw** - University of Guelph, Canada

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**ARCTIC SUSTAINABILITIES: MEANINGS AND MEANS****CISU4**

Chair: **Andrey Petrov** - Department of Geography, University of Northern Iowa **25 May, 09:00-10:30 | Room # 7-212**  
Program: Arctic-FROST & ReSDA

1. Politics of Sustainability in the Arctic  
**Ulrik Pram Gad** - University of Copenhagen, Denmark  
on behalf of co-authors: **Jeppe Strandsbjerg** - Copenhagen Business School, Denmark; **Uffe Jakobsen** - University of Copenhagen, Denmark
2. Deliberative Democracy and Scenarios Planning for the Future in Arctic Communities  
**Douglas Cost** - University of Alaska Fairbanks, USA
3. Northern Knowledge for Sustainable Coastal Communities  
**Leslie King** - Royal Roads University, Canada  
**Astrid Ogilvie** - Universities of Colorado and Akureyri, USA

4. Impact of Military Operations on Arctic / Northern Communities  
**Karen D. Davis** - Defence Research and Development Canada, Canada  
on behalf of co-author, **Cedric Juillet** - Trent University, Canada

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## HISTORIES OF RESILIENCE IN HUMAN-ANIMAL RELATIONS IN THE CIRCUMPOLAR NORTH

CISU5

Session Organizer: **David G. Anderson** - University of Aberdeen, United Kingdom (UK)

**Part 1 - An Overview** | Chair: **Robert Wishart** - University of Aberdeen, UK **22 May, 15:30-17:00** | Room # 6-305

1. Bouncing Along on a Cree Moose-Hunting Trip in Northern Alberta, Autumn 2013  
**Clint Westman** - University of Saskatchewan, Canada
2. Arctic Animal Pedigrees: Towards a Pragmatic Understanding of Domestication  
presented by **Robert Wishart** on behalf of author, **David G. Anderson** - University of Aberdeen, United Kingdom
3. 'Bringing Wild Home': Stories About Wild Animals and Spirits from Amudisy Evenki Hunters and Reindeer Herders  
**Veronika Simonova** - European University at St.Petersburg, Russia
4. The Forest Animals and Peoples in Action  
**Terhi Vuojala-Magga** - Arctic Centre, University of Lapland, Finland

**Part 2 - Dogs** | Chair: **Clint Westman** - University of Saskatchewan, Canada **25 May, 09:00-10:30** | Room # ADM 1079

1. Exploring the Life Histories of Dogs in the Circumpolar North Through Archaeology  
**Robert Losey** - University of Alberta, Canada
2. 'Hard Times Are Coming': Indeterminacy, Prophecies, Apocalypse, and Dogs  
**Jan Peter Laurens (Peter) Loovers** - University of Aberdeen, United Kingdom
3. Kamchatkan Sled Dogs: Traditional Sled Dog Husbandry vs. Modern Mushing in the Russian Far East  
**Lisa Strecker** - University of Alaska Fairbanks, USA
4. Reindeer and Dogs in Tozhu Mixed Economy (Republic of Tyva, Russian Federation)  
**Tayana Arakchaa** - University of Alaska Fairbanks, USA

~~**Part 3 - Reindeer** | Chair: **Maria Nakhshina** - University of Aberdeen, UK **26 May, 10:30-12:00** | Room # 6-305~~

Session Cancelled

**Part 4 - Fish and Fin** | **Peter Loovers** - University of Aberdeen, UK **26 May, 13:00-14:30** | Room # 6-305

1. The Wrong Kind of Fish: Gwich'in Fish Camps and Questions of Sustainability in the Mackenzie Delta, NWT  
**Robert Wishart** - University of Aberdeen, United Kingdom
2. What is Nerpa: 10,000 Years of Human-Seal Interaction in the Lake Baikal Region of Siberia  
**Tatiana Nomokonova** - University of Alberta, Canada  
**Robert Losey** - University of Alberta, Canada
3. A Tradition Revived: The Contemporary Walrus Hunt at Round Island, Bristol Bay, Southwest Alaska  
**Sean P.A. Desjardins** - McGill University, Canada  
**Sarah M. Hazell** - Alaska Department of Fish & Game, USA
4. 'It had the biggest spring salmon run, it was a 'Valley of Plenty' for all': Remembering and Restoring St'at'imc Fishing in the Bridge River Valley  
**Sarah Carmen Moritz** - McGill University, Canada

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## HOW DO WE SEE THE SEA?

CISU6

### CHANGING ARCTIC SEASCAPE AND MULTIPLE MEANINGS OF WATER

Chairs: **Anna Stammer-Gossmann** - Arctic Centre, University of Lapland **23 May, 10:30-12:00** | Room # ADM 1079  
**Stephan Dudeck** - Arctic Centre, University of Lapland

1. Melting into Shape: Changing Ocean Space and Shipping in the Canadian Arctic  
**Alan Grove** - University of British Columbia, Canada

2. The Meaning of Ice: A Book Project Exploring the Meaning of Sea Ice at Three Arctic Communities  
**Shari Gearheard** - University of Colorado Boulder, USA  
 on behalf of co-authors: **Lene Kielsen Holm** - Greenland Climate Research Centre, Greenland; **Henry P. Huntington** - Huntington Consulting, USA; **Joe Mello Leavitt** - Barrow, Alaska, USA; **Andrew R. Mahoney** - University of Alaska Fairbanks, USA; **Margaret Opie** - Barrow, Alaska, USA; **Toku Oshima** - Qaanaaq, Greenland; **Joelie Sanguya** - Kangiqutgaapik, Nunavut, Canada
3. Changing Barents Sea: Fish – Fishers – Fishery  
**Anna Stammler-Gossmann** - Arctic Centre, University of Lapland, Finland
4. The Place of Pleasure and Poisoning - Excitement and Danger at the Edge of the Land - The Seashore as a Destination for Reindeer Pastoralists  
**Stephan Dudeck** - University of Lapland, Finland

**SUSTAINABILITY AT THE EDGES:  
ISOLATION AND REMOTENESS IN THE AGE OF SUSTAINABILITY**

**CISU7**

Chairs: **Elizabeth Marino** - Oregon State University - Cascades, USA  
**Peter Evans** - Independent Scholar / EverNorth Consulting, Canada  
 Discussant: **Peter Schweitzer** - University of Vienna, Austria

**24 May, 15:00-16:30 | Room # 6-305**

1. The Next "Unsustainable" Community?: An Examination of Isolation and Rurality in the Age of Climate Change  
**Elizabeth Marino** - Oregon State University - Cascades, USA
2. Beginnings of a Rural Sustainability Paradigm: The Arctic as Case in Point  
**Susan A. Crate** - George Mason University, USA
3. Experiences of Perceived Social Isolation Among Young Adults Born in Northern Finland, Northern Finland Birth Cohort 1986 Study  
**Anna Reetta Rönkä** - University of Oulu, Finland  
 on behalf of co-authors: **Arja Rautio** - Thule Institute, University of Oulu, Finland; **Vappu Sunnari** - University of Oulu, Finland

**ARTIC HUMAN DEVELOPMENT REPORT II (PANEL)**

**CISU8**

Chairs: **Joan Nymand Larsen** - Stefansson Arctic Institute, Iceland  
**Gail Fondahl** - University of Northern British Columbia, Canada  
**Henriette Rasmussen** - KNR, Nuuk, Greenland

The second Arctic Human Development Report (AHDR-II) provides a comprehensive overview of human development in the Arctic at a time of rapid global change processes, focussing especially on changes since the first AHDR (2004). Special attention is given to global change impacts. The AHDR-II will be an instrument for assessing progress toward sustainable human development in the Arctic, and be a tool to educate the public. The report provides an assessment of various dimensions of human development (demographic conditions, cultural, economic, political, and legal systems, resource governance, education, human health), to enable comparing and contrasting the Arctic with other regions in terms of a host of factors. The AHDR is an Arctic Council endorsed project and it has been developed in consultation with the Arctic Council, including Permanent Participants. This session will present major findings of the AHDR-II, followed first by brief highlights of major trends and commentaries presented by a some of the report's lead authors (Panel 1); and next in Panel 2, commentaries by representatives of science organizations and Permanent Participants as to the likely impact of the report. The forum will also engage with the audience on a number of critical issues highlighted in the report.

**Panel 1 - Overview & Lead Authors' Presentations of Chapters**

**23 May, 10:30-12:00 | Room # 7-238**

1. **Joan Nymand Larsen** - Stefansson Arctic Institute, Iceland
2. **Peter Schweitzer** - University of Vienna, Austria
3. **Lee Huskey** - University of Alaska Anchorage, USA
4. **Grete Hovelsrud** - Nordland Research Institute, Norway
5. **Bruce Forbes** - University of Lapland, Finland



**Panel 2 - Discussion: The Value of Assessing Arctic Human Development**

**23 May, 13:15-14:45 | Room # 7-238**

1. **Oran Young**
2. **Gunn-Britt Retter**
3. **Joe Linklater**
4. **Robert Delgado**
5. **David Hik**
6. **Igor Krupnik**

**EDUCATION (EDUC)**

**COMMUNITY-BASED APPROACHES TO LITERACY AND SKILLS DEVELOPMENT AS A BASIS FOR SUSTAINABILITY**

**EDUC1**

Chair: **Helen Balanoff** - NWT Literacy Council, Canada

**23 May, 10:30-12:00 | Room # 6-306**

1. Living Inuinait Literacies  
**Helen Balanoff** - NWT Literacy Council, Canada  
**Emily Kudlak** - Inuvialuit Cultural Resource Centre,
2. The Role of Public Education in Governance for Resilience in a Rapidly Changing Arctic  
**Douglas Cost** - University of Alaska Fairbanks, USA
3. Current Concerns and Trends in Education for Aboriginal Students  
**Colleen Larson** - University of British Columbia Okanagan, Canada
4. Visual Methods for Sustainable Literacy and Skills Development in NWT  
**Suzanne Robinson** - Aurora College/ University of Essex, United Kingdom

**EDUCATION IN THE ARCTIC: SUSTAINING OUR COMMUNITIES**

**EDUC2**

Chair: **Diane Hirshberg** - Center for Alaska Education Policy Research, University of Alaska Anchorage, USA

**Part 1**

**24 May, 15:00-16:30 | Room # 6-205 / 211**

1. Success in a Complex World: Factors that Influence Northern Female University Students' Educational Plans  
**Maureen Simpkins** - University College of the North, Canada  
**Marleny M. Bonnycastle** - University of Manitoba, Canada
2. Higher Education in Barents Region: BCBU and Development of Social Work as an Academic Discipline and a Profession  
**Tarja Orjasniemi** - University of Lapland, Finland
3. Health and Well-being Programs in the Arctic  
**Arja Rautio** - Centre for Arctic Medicine, Thule Institute, University of Oulu, Finland
4. An Institutional and Social History of Post-Secondary and Adult Education in the North  
**Kelly Black** - Carlton University, Canada  
on behalf of co-authors: **Sheena Kennedy Dalseg** - Carleton University, Canada; and **Frances Abele** - Carleton University, Canada
5. Northern Universities as a Key to Arctic Sustainability  
**Irina Dranaeva** - North-Eastern Federal University, Russia

**Part 2**

**25 May, 09:00-10:30 | Room # 7-152**

1. Will They Stay or Will They Go? Teacher Perceptions of Working Conditions in Rural Alaska  
**Diane Hirshberg** - UAA Centre for Alaska Education Policy Research, USA  
on behalf of co-authors: **Alexandra Hill** - UAA Center for Alaska Education Policy Research, USA; and **Craig Kasemodel** - University of Wisconsin, USA
2. Narratives from North of Sixty°  
**Jeni Henrickson** - University of Minnesota, USA  
on behalf of co-author, **Aaron Doering** - University of Minnesota, USA

3. Mining Aboriginal Labour: Turning Protests into Partnerships in Canada's Northern Labour Market  
**Andrew P. Hodgkins** - University of Alberta, Canada
4. Formal Education as Forced Acculturation: A Case From Native Alaska  
**Steven C. Dinero** - Philadelphia University, USA
5. Improvise, Adapt, Overcome - Educational Cooperation and Exchange in Higher Education Between North Norway and Northwest Russia  
**Håkan Sanderson** - University of Nordland, Norway

**EDUCATION RESEARCH BY NORTHERNERS FOR NORTHERNERS: CASE STUDIES, PROGRAM  
EVALUATION AND NURTURING INDIGENOUS SCHOLARS IN THE ARCTIC**

**EDUC4**

Chair: **Heather E. McGregor** - University of British Columbia, Canada

**Part 1**

**22 May, 15:30-17:00 | Room # 6-306**

1. The Challenge that Isolation Poses to Primary Teachers in Nunavik: A Situation to be Acknowledged and Improved  
**Gisèle Maheux** - Université du Québec en Abitibi-Témiscamingue, Canada  
**Gloria Pellerin** - Université du Québec en Abitibi-Témiscamingue, Canada  
**Siaja Mangiuk** - Nuvviti School, Nunavik, Canada  
**Eliana Manrique** - Kativik School Board, Nunavik, Canada
2. An Ongoing Experimentation of Preschool Pupils' Networking in a Nordic Context: Planning, Implementing and Coming Back to the Experience  
**Passa Mangiuk** - Nuvviti School, Ivujivik, Nunavik, Canada  
**Siaja Mangiuk** - Nuvviti School, Ivujivik, Nunavik, Canada  
**Véronique Paul** - Université du Québec en Abitibi-Témiscamingue, Canada  
on behalf of co-author, **Stéphane Allaire** - Université du Québec à Chicoutimi, Canada
3. Conducting Research "In a Good Way"; Theory into Practice  
**Colleen Larson** - University of British Columbia Okanagan, Canada

**Part 2**

**23 May, 13:15-14:45 | Room # 6-307**

1. Inuit Qaujimajatuqangit and the Transformation of High School Education in Nunavut: History, Context and Statistical Profiles of Four Schools  
**Heather E. McGregor** - University of British Columbia, Canada
2. An Ethical Space for Dialogue About Difficult History: Program Evaluation of a Residential School Education Unit in Canada's Northwest Territories and Nunavut  
**Sarah Daitch** - University of Victoria, Canada
3. Indigenous Scholars, Indigenous Scholarship and Transformation in the North  
**Michael Marker**

**HEALTH EQUITY BEGINS WITH ACCESSIBLE HEALTH EDUCATION: USING PARTNERSHIPS AND  
TECHNOLOGY TO DELIVER HEALTH EDUCATION IN THE NORTH**

**EDUC5**

Chair: **Lorna Butler** - University of Saskatchewan, Canada

**24 May, 10:30-12:00 | Room # 6-306**

Discussant: **Heather Exner-Pirot** - University of Saskatchewan, Canada

Moderator: **Emmy Neuls** - University of Saskatchewan, Canada

1. Perspectives of Indigenous Peoples of the North in the Development of Higher Education for Nurses [on the example of the Sakha Republic (Yakutia)]  
**Nikolay I. Diachkovsky** - North-Eastern Federal University, Russia  
on behalf of co-authors: **Elena Zakharova** - North-Eastern Federal University, Russia; and **Natalia Gryaznukhina** - Yakutsk Municipal Centre of Healthcare, Russia
2. Rural and Remote Health Professionals: Gaps and Challenges in Northern Health Human Resource Planning  
**Mary Ellen Andrews** - University of Saskatchewan, Canada
3. Remote Presence Technology: Pathways for Healthy Northern Communities through Improved Access  
**Lorna Butler** - University of Saskatchewan, Canada



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**TEACHER EDUCATION, TEACHING, AND SUSTAINABLE SCHOOLS IN THE CIRCUMPOLAR NORTH****EDUC6**

Chairs: **Ute Kaden** - University of Alaska Fairbanks, School of Education, USA  
**Joanne Healy** - University of Alaska Fairbanks, USA

**Part 1****22 May, 11:15-12:45 | Room # 6-306**

1. Implementation of a Supportive Approach by Videoconferencing for the Inuit Teacher Training: Project Presentation  
**Gloria Pellerin** - Université du Québec en Abitibi-Témiscamingue, Canada
2. The Use of Videoconference in the Context of Inuit Teacher Training Programs Comanagement: Advantages and Challenges  
**Elisapi Uitangak** - Ikaarvik School, Puvirnituaq, Nunavik, Canada  
**Lucy Qalingo** - Ikaarvik School, Puvirnituaq, Nunavik, Canada  
**Yvonne da Silveira** - Université du Québec en Abitibi-Témiscamingue, Canada
3. Curriculum Innovation for Sustainable Arctic Communities  
**Alexander K. Lautensach** – University of Northern British Columbia, Canada  
**Sabina W. Lautensach** - Human Security Institute, Canada
4. Factors Related to Teacher Retention in Arctic Alaska  
**Ute Kaden** - University of Alaska Fairbanks, School of Education, USA  
**Joanne Healy** - University of Alaska Fairbanks, USA

**Part 2****25 May, 16:30-18:00 | Room # 6-306**

1. Discursive Paths to “Eureka”  
**David Koester** - University of Alaska Fairbanks, USA
2. Yup’ik Cultural Practice and Cognition as a Foundation for Teaching Elementary School Mathematics  
**Jerry Lipka** - University of Alaska Fairbanks, USA  
**Dora Andrew-Ihrke** - University of Alaska Fairbanks, USA
3. Local Perspectives on the Formalization of Knowledge Transmission  
**Eleanor (Ellie) Stephenson** - McGill University, Canada  
**Tristan Pearce** - Sustainability Research Centre, University of the Sunshine Coast, Australia; University of Guelph, Canada  
**Ashlee Cunsolo Willox** - Cape Breton University, Canada  
**Inez Shiwak** - My Word: Storytelling & Digital Media Lab; Rigolet Inuit Community Government, Canada  
on behalf of co-authors: **Susan Kaodloak** - Ulukhaktok Community Corporation, Canada; **Laverna Klengenber** - Ulukhaktok Community Corporation, Canada; **James Ford** - Department of Geography, McGill University, Canada; and **The Rigolet Inuit Community Government** - Nunatsiavut, Labrador, Canada
4. Educating for the North: Including Winter Environmental Knowledge in the Science Curriculum for Student Teachers  
**Dennis Procter** – University of Northern British Columbia, Canada

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**CONNECTING INDIGENOUS KNOWLEDGE THROUGH VERDDE****EDUC7**

Chair: **Laila A. Nutti** - Sami University College, Norway

**26 May, 10:30-12:00 | Room # ADM 1079**

1. Verdde and Yoik Effecting Indigenous Education  
**Laila A. Nutti** - Sami University College, Norway
2. Making Circumpolar Connections in Early Childhood Practices Through Ilitsagait  
**Caroline Rowan** - University of New Brunswick, Canada
3. Circumpolar Cooperation in Indigenous Teacher Education  
**Linda Pemik** - Nunavut Arctic College, Canada
4. Verdde´ as Part of Lifelong Learning  
**Aura Pieski** – graduate of Teacher Education program, Sami University College, Norway

## ENVIRONMENTAL & CLIMATE CHANGE (ENCC)

### CLIMATE CHANGE AND THE CULTURAL FOUNDATIONS OF COMPLACENCY

ENCC2

Chairs: **Grete Kaare Hovelsrud** - Nordland Research Institute, Norway  
**Halvor Dannevig** - Western Norway Research Institute, Norway

26 May, 10:30-12:00 | Room # 7-238

1. The Influence of Gender on Adaptive Capacity: A Case Study from Swedish Reindeer Herding Communities  
**Astri Buchanan** - University of Saskatchewan, Canada  
on behalf of co-authors: **Maureen Reed** - University of Saskatchewan, Canada; and **Gun Lidestav** - Swedish University of Agricultural Sciences, Sweden
2. The Perceived Need to Adapt to Climate Change in a Natural Resource Dependent Community in Northern Norway  
**Halvor Dannevig** - Western Norway Research Institute, Norway  
**Grete K. Hovelsrud** - Nordland Research Institute, Norway
3. Perceptions of High Resilience to Climate Change in Northern Norway: Consequences for Community Adaptation?  
**Helene Amundsen** - CICERO Centre for Climate and Environmental Research, Norway  
**Grete K. Hovelsrud** - Nordland Research Institute, Norway
4. Living Standard, Well-Being and Poverty in the Arctic as Conditions for Climate Adaptation Capacity – Resilience Narratives in a New Survey of Level of Living in Finnmark  
**Iulie Aslaksen** - Statistics Norway, Research Department, Norway  
on behalf of co-authors: **Anders Barstad** - Statistics Norway, Research Department, Norway; and **Per Arild Garnåsjordet** - Statistics Norway, Research Department, Norway

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### ECOSYSTEM SUSTAINABILITY – SUSTAINABLE LIVELIHOODS?

ENCC4

Chairs: **Jukka Käyhkö** - University of Turku, Finland  
**Tim Horstkotte** - University of Turku, Finland

23 May, 13:15-14:45 | Room # 5-123

1. Cultural Resilience of Social-ecological Systems in the Nenets and Yamal- Nenets Autonomous Okrugs, Russia: A Focus on Reindeer Nomads of the Tundra  
**Bruce C. Forbes** - Arctic Centre, University of Lapland, Finland
2. Towards an Integration of Ecological and Administrative Scales to Foster Sustainable Livelihoods  
**Tim Horstkotte** - University of Turku, Finland  
**Jukka Käyhkö** - University of Turku, Finland  
on behalf of co-author, **Sonja Kivinen** - University of Turku, Finland

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### ECOSYSTEM APPROACHES TO THE CONSERVATION AND MANAGEMENT OF THE ENVIRONMENT AND RESOURCES IN THE ARCTIC

ENCC5

Chair: **Hanling Wang** - Center for Ocean Affairs and the Law of the Sea,  
Institute of International Law, Chinese Academy of Social Sciences, China  
Alternate Chair: **Scott Slocombe** - Wilfrid Laurier University, Canada

22 May, 11:15-12:45 | Room # 6-305

1. Sustainable Use of Resources in the Russian Barents Sea  
**Alexey Pristupa** - Wageningen University, The Netherlands  
on behalf of co-authors: **Bas Amelung** and **Machiel Lamers** - Wageningen University, The Netherlands
2. Tuktu and Climate Change: Inuit Hunting on Southern Baffin Island  
**Knut Kitching** - McGill University, Canada  
on behalf of co-author, **James Ford** - McGill University, Canada
3. Yukon Land and Resource Governance: Assessing Social-Ecological System Management and Connections  
**Scott Slocombe** - Wilfrid Laurier University, Canada

## GOVERNANCE (GOVE)

### ASSESSING ARCTIC FUTURES: VOICES, RESOURCES AND GOVERNANCE

GOVE1

Chair: **Annika E. Nilsson** - Stockholm Environment Institute, Sweden

22 May, 15:30-17:00 | Room # 7-212

Program: Swedish Foundations for Strategic Environmental Research (Mistra): Assessing Arctic Futures. Voices, Resources and Governance

1. The Changing Role of Arctic Governance  
**Annika E. Nilsson** - Stockholm Environment Institute, Sweden
2. Arctic Assessments: A Scientific Future Business?  
**Nina Wormbs** – KTH, Royal Institute of Technology, Sweden
3. The Construction of Arctic Stakeholder Status By Extra-Regional States  
**Eric Paglia** - KTH, Royal Institute of Technology, Sweden
4. From Politics to Policies: How Political Regime Influences Cooperation in the Barents Euro-Arctic Region  
**Alexander Gnatenko** - European University, Russia  
**Andrian Vlahov** - European University, Russia
5. Constructing Svalbard and Its Natural Resources: Industrial Futures in a Contested Arctic Space  
**Dag Avango** – KTH, Royal Institute of Technology, Sweden

### GOVERNANCE AND COMPETENCE BUILDING IN RELATION TO RAW MATERIAL EXTRACTION - A CHALLENGE TO ARCTIC LOCAL COMMUNITIES AS WELL AS TO GLOBAL COMPANIES

GOVE2

Chairs: **Ulrik Jørgensen** - Aalborg University, Denmark

25 May, 16:30-18:00 | Room # 7-212

**Rasmus Gjedssø Bertelsen** - Aalborg University, Denmark

1. Small, Peripheral Municipalities and a Big, Multinational Company: High Expectations and Mutual Learning  
**Toril Ringholm** - Norut Northern Research Institute, Norway
2. A Question of Future Prosperity: Developing a Heritage Fund in Canada's Northwest Territories  
**Sarah Daitch** - University of Victoria, Canada  
**Alyssa Schwann** - University Manitoba, Canada  
on behalf of co-authors: **Jesika Briones, Andre Dias, Julia Fan Li and Martin Lajoie**
3. Greenland's Legal Framework for Non-renewable Resource Exploitation: The Challenges of Creating Transparent Public Consultation Processes  
**Mitdlarak Lennert** - Ilisimatusarfik, University of Greenland, Greenland
4. Local, Globally Connected Knowledge-Based Sectors as Key for North Atlantic Societies to Capture Value and Benefits of Natural Resources  
**Rasmus Gjedssø Bertelsen** - Aalborg University, Denmark  
on behalf of co-authors: **Jens Christian Svabo Justinussen and Coco Smits**
5. Building Local Competences to Cope with Global Mining Companies – Historic and Contemporary Experiences and Challenges in Greenlandic Mining Projects  
**Ulrik Jørgensen** - Aalborg University, Denmark  
on behalf of co-author, **Birgitte Hoffmann** - Aalborg University, Denmark

### GOVERNANCE AND URBAN SUSTAINABILITY: EXAMPLES FROM RUSSIA'S ARCTIC INDUSTRIAL CENTRES

GOVE3

Chair: **Aileen A. Espiritu** - Barents Institute, UiT Arctic University of Norway, Norway

26 May, 13:00-14:30 | Room # 7-150

Program: Norwegian Research Council-ARCSUS

1. Center-Periphery Coordination and Conflict: Integrating Local, Regional, Federal and Corporate Interests  
**Robert Ortung** - George Washington University, USA
2. Governance in Russian Natural Resource Centres: Norilsk's 'Closed City' Policy  
**Genevieve Parente** - University of British Columbia, Canada

3. Russia's Arctic Industrial Centres' Paradiplomacies and Urban Sustainability  
**Alexander Sergunin** - St. Petersburg State University, Russia
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**INDIGENOUS PEOPLE OF THE ARCTIC AND THEIR INVOLVEMENT IN TOURISM DEVELOPMENT: STRUCTURES, POLICIES AND RESPONSES** **GOVE4**

Chair: **Albina Pashkevich** - Dalarna University, Sweden **24 May, 15:00-16:30 | Room # 8-166**

1. Nature-Based Tourism and Indigenous People Within Protected Areas of the Sakha Republic: Prospects and Regulations  
**Larisa Shelokhovskaya** - North-Eastern Federal University; Directorate of Biological Resources and Protected Areas of the Sakha Republic, Department of Protected Areas and Tourism; Russia
  2. 'Strong by Nature' – Neoliberal Governance and Sustainability in Inari Municipality  
**Joonas Vola** - Arctic Centre of the University of Lapland, Finland
  3. Developing Nenets Indigenous Tourism: Institutional Settings and Every Day Realities  
**Albina Pashkevich** - Dalarna University, Sweden
  4. Inclusion of Sámi Tourism in Destination Development  
**Lise Smed Olsen** - Nordregio, Sweden
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**INUIT REGIONAL AUTONOMY IN THE CANADIAN ARCTIC: NUNAVIK, NUNATSIAVUT AND THE INUVIALUIT SETTLEMENT REGION IN COMPARATIVE PERSPECTIVE** **GOVE5**

Chair: **Gary N. Wilson** - University of Northern British Columbia **23 May, 10:30-12:00 | Room # 7-150**

1. Explaining Divergent Outcomes: Inuit Land Claims and Self-Government Negotiations in the Inuvialuit Settlement Region  
**Christopher Alcantara** - Wilfrid Laurier University, Canada  
**Adrienne Davidson** - University of Toronto, Canada
  2. Serving Nunavimmiut: Public Policy Autonomy and Adaptation in Nunavik  
**Thierry Rodon** - Université Laval, Canada
  3. From Personal to Political Autonomy: The Source of Leadership in Nunavik Inuit  
**Caroline Hervé** - CIÉRA, Laval University, Canada
  4. The Evolution of an Ethnic Self-Government Model in Nunatsiavut  
**Gary N. Wilson** - University of Northern British Columbia, Canada
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**THE ETHICS OF CARE IN INUIT LEADERSHIP AND GOVERNANCE** **GOVE7**

Chair: **Thierry Rodon** - Université Laval, Canada **24 May, 10:30-12:00 | Room # 6-305**

Program: CURA Inuit Leadership and Governance in Nunavut and Nunavik: Life Stories, Analytical Perspectives, and Training

1. Caring Power: Combining Educational, Political and Religious Leadership in a Small Nunavik Community  
**Louis-Jacques Dorais** - Université Laval, Canada
  2. "We just help each other". Altruistic Legitimacy in Contemporary Nunavik Relations of Power  
**Caroline Hervé** – CIÉRA, Université Laval, Canada
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**ASSESSMENTS AS TOOLS FOR GOVERNANCE AND SUSTAINABLE DEVELOPMENT IN THE ARCTIC** **GOVE8**

Chairs: **Malgorzata Smieszek** - Arctic Centre, University of Lapland, Finland **25 May, 09:00-10:30 | Room # 7-158**

**Adam Stepien** - Arctic Centre, University of Lapland, Finland

1. The Future of the Arctic Seen Through Histories of the Arctic That Never Was  
**Justiina Dahl** - European University Institute, Italy

2. Appraising the Role of the Arctic Council's Recent Assessment Work  
**Malgorzata Smieszek** - Arctic Centre, University of Lapland, Finland  
**Adam Stepien** - Arctic Centre, University of Lapland, Finland  
 on behalf of co-authors: **Paula Kankaanpää** - Arctic Centre, University of Lapland; **Karolina Banul**, Arctic Centre, University of Lapland, Finland; and **Timo Koivurova**, Arctic Centre, University of Lapland, Finland
3. Methodological Challenges in the Conduct of Assessments in the Arctic  
**Malgorzata Smieszek** - Arctic Centre, University of Lapland, Finland  
**Adam Stepien**, Arctic Centre, University of Lapland, Finland  
 on behalf of co-authors: **Paula Kankaanpää** - Arctic Centre, University of Lapland, Finland; **Karolina Banul**, Arctic Centre, University of Lapland, Finland; and **Timo Koivurova**, Arctic Centre, University of Lapland, Finland
4. Stakeholder Engagement and Multidimensional Learning in Assessment Practice: Lessons from the Strategic Assessment of Development of the Arctic Process  
**Adam Stepien** - Arctic Centre, University of Lapland, Finland  
 on behalf of co-authors: **Paula Kankaanpää** - Arctic Centre, University of Lapland, Finland; and **Timo Koivurova** - Arctic Centre, University of Lapland, Finland

## SIMULATING THE ARCTIC COUNCIL (PANEL)

GOVE9

Chairs: **Doug Nord** - Umeå University, Sweden  
**Diddy R.M. Hitchins** - University of Alaska Anchorage, USA

22 May, 11:15-12:45 | Room # 7-150

A Model Arctic Council pilot project took place from February 25 – 28, 2014, at Arkhangelsk, Russia, under the auspices of the Northern (Arctic) Federal University and the University of the Arctic Research Office. The purpose of the pilot project was to begin to develop an ongoing Model Arctic Council Program as a tool for youth leadership development. The pilot project included students representing each of the Arctic Eight countries, the Permanent Participants and some Observers within the Arctic Council. Presenters on this panel were involved in the framing and delivery of the Model Arctic Council project. They will talk about developing the model for this project and their plans for simulating aspects of the Arctic Council in the future. It is hoped that in 2017 a full international simulation arising from the delivery of a UArctic preparatory course, will take place at the University of Alaska, Fairbanks during the US Chairmanship of the Arctic Council.

1. **Diddy R.M. Hitchins** - University of Alaska Anchorage, USA
2. **Marina Kalinina** - North (Arctic) Federal University, Russia
3. **Doug Nord** - Umeå University, Sweden
4. **Alexander Sergunin** - St.Petersburg State University, Russia
5. **Piotr Graczyk** - University of Tromsø, Norway

## HEALTH & WELL-BEING (HEAL)

### ALTERNATIVE FOOD SECURITY STRATEGIES IN THE CIRCUMPOLAR NORTH

HEAL1

Chairs: **Ellen Avard** - Université Laval, Canada  
**Heather Exner-Pirot** - University of Saskatchewan, Canada

#### Part 1

22 May, 11:15-12:45 | Room # 7-158

1. Prices and Food Security in Nunavik  
**Andrée Caron** - Université Laval, Canada, on behalf of co-author, **Gérard Duhaime** - Université Laval, Canada
2. Alaskan Adolescent Nutrition Project  
**Carol McCarty** - University of Alaska Anchorage, USA
3. The Feasibility of Monitoring the Cost of a Universal Nutritious Food Basket in the Arctic  
**Lena Maria Nilsson** - ARCUM (Arctic Research Centre), and Department of Public Health and Clinical Medicine, Division of Nutritional Research, Umeå University, Sweden  
**Arja Rautio** - Thule Institute, University of Oulu, Finland

on behalf of co-authors: **Elena Kotyrlo** - Demographic Data Base, Umeå University; **Laufey Steingrimsdottir** - University of Iceland, Iceland; **James Berner** - Alaska Native Tribal Health Consortium, USA; **Alexey A. Dudarev** - Northwest Public Health Research Center, Russia; **Gert Mulvad** - Greenland Center for Health Research, University of Greenland, Greenland; **Jon Øyvind Odland** - Faculty of Health Sciences, University of Tromsø, Norway; and **Birgitta Evengård** - ARCUM (Arctic Research Centre), Umeå University, Sweden

4. Greenhouses in Nunavik: A Growing Trend  
**Ellen Avard** - Université Laval, Canada

## Part 2

23 May, 10:30-12:00 | Room # 7-158

1. The Role of Local Foods for Pantry Users in Rural Southcentral and Southeastern Alaska  
**Tracey Burke** - University of Alaska Anchorage, USA  
on behalf of co-author, **Cara Durr** - Alaska Food Coalition/Food Bank of Alaska, USA
2. Indigenous Community Food Security in Yukon Territory  
**Norma Kassi** - Arctic Institute of Community-Based Research, Canada  
**Katelyn Friendship** - Arctic Institute of Community-Based Research, Canada  
on behalf of co-author, **Kent Mullinex** - Kwantlen Polytechnic University, Canada
3. Aquaculture as Development Strategy in Coastal, Indigenous Communities: A Comparative Study of Salmon Farming in Musken, Norway and Klemtu, BC, Canada  
**Håkan Sanderson** - University of Nordland, Norway
4. Including the Intangible: Photo-Cards as a Method for Analyzing the Social and Cultural Importance of Food in Rigolet, Nunatsiavut  
**Kaitlyn Finner** - McGill University, Canada  
**Inez Shiwak** - Rigolet Inuit Community Government, Canada  
on behalf of co-author, **Charlie Flowers** - Rigolet Inuit Community Government, Canada

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## CLIMATE CHANGE, GENDER, AND WELL-BEING IN THE ARCTIC

HEAL3

Chairs: **Amy Lauren Lovcraft** - University of Alaska Fairbanks, USA  
**Grete Kaare Hovelsrud** - Nordland Research Institute, Norway

23 May, 13:15-14:45 | Room # 7-158

1. Gender Aspects of Social Consequences of Climate Changes in Yakutia  
**Liliia Vinokurova** - Institute of the Humanities and the Indigenous Peoples of the North, Siberian Branch, Russian Academy of Sciences (RAS), Russia  
**Viktoriiia Filippova** - Institute of the Humanities and the Indigenous Peoples of the North, Siberian Branch, RAS, Russia
2. Is Climate Change Adaptation Gendered?  
**Julia Olsen** - Nordland Research Institute, Norway  
**Grete K. Hovelsrud** - Nordland Research Institute, Norway  
**Amy L. Lovcraft** - University of Alaska, Fairbanks, USA
3. The Good and Healthy Poverty  
**Terhi Vuojala-Magga** - Arctic Centre, University of Lapland, Finland

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## LAMENT FOR THE LAND: CLIMATE CHANGE AND MENTAL HEALTH IN THE CIRCUMPOLAR WORLD (FILM & PANEL)

HEAL4

Chair: **Ashlee Cunsolo Willox** - Canada Research Chair in Determinants of Healthy Communities & Assistant Professor in Community Health, Cape Breton University, Canada

22 May, 15:30-17:00 | Room # 7-158

A Documentary Film Premiere/Screening followed by a Panel Discussion. Anthropogenic climate change has been an increasing concern for peoples throughout the Circumpolar North, and the rapid changes to ice thickness and extent, precipitation levels, weather patterns, and wildlife and vegetation dispersion are disrupting livelihoods and lifestyles for many. In recent years, emerging evidence is indicating that climate change may have negative impacts for mental health and well-being, particularly for those who rely closely on the natural environment for daily sustenance and economic activities and those who live in rural or remote areas. Indeed, oral stories, research, and predictive reports are indicating that climate change



is likely to become a serious mental health issue for peoples throughout the North, due to changes to land and sense of place; damage to infrastructure; the compounding of existing distress; and mediated impacts.

To illustrate the ways in which climate change may impact mental health throughout the Circumpolar North, this session will begin with the premiere screening of a short documentary film, *A Lament for the Land* (2014, run time approximately 20 minutes). Situated against the backdrop of stunning scenery from the North Coast of Labrador, this film weaves together narratives and lived experiences of Labrador Inuit and local and regional health professionals to tell a powerful story of the numerous pathways through which mental health and well-being in each of the five communities of Nunatsiavut is being affected. To our knowledge, this is the first film to illustrate the linkages between climate change and mental health in the North.

This film emerged from research conducted in Nunatsiavut, Labrador, Canada, led by the Rigolet Inuit Community Government (RICG). Using community-based and community-led participatory methods, the RICG worked with Inuit, researchers, and health professionals in all five communities in Nunatsiavut (Nain, Hopedale, Postville, Makkovik, and Rigolet) to discover potential pathways through which climate change was disrupting mental health. Through this research, participants reported that changes in climate, and the resulting disruption to land activities, led to: intense emotional reactions associated with loss of activities, identity, and sense of place (grief, mourning, anxiety, stress, distress); real and potential increases in consumption of drugs and alcohol; potential increases in suicide ideation; and potential to aggravate acute anxiety disorders and major depression. Climate change was also reported to act as a magnifier for other forms of stress and distress and to highlight socio-economic inequalities, leading to further negative ramifications for mental health and well-being. Footage for *A Lament for the Land* was gathered through this research.

A panel discussion will follow the film screening, bringing together researchers, health professionals, and community members from throughout the Circumpolar North to discuss the potential implications of climate change on mental health and well-being throughout the North, and consider avenues for further research, action, health programming, and policy change. Time for audience dialogue and debate will also be included.

Panel Members:

1. **Inez Shiwak** - My Word: Storytelling & Digital Media Lab; Rigolet Inuit Community Government, Canada
2. **Charlotte Wolfrey** - AngajukKâk, Rigolet Inuit Community Government, Rigolet, Nunatsiavut, Canada
3. **TBA**

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## LIVING CONDITIONS/WELL-BEING AND QUALITY OF LIFE OF INDIGENOUS PEOPLES AND OTHER ARCTIC RESIDENTS

HEAL5

Chairs: **Birger Poppel** - Project Chief, SLiCA, Ilisimatusarfik, Grønlands Universitet, Greenland  
**Catherine (Kate) Turcotte** - Assistant Professor, Social Sciences and Education

### Part 1

25 May, 09:00-10:30 | Room # 6-307

1. The Well-Being of Children in Northern Canada  
**Angela Daley** - Dalhousie University, Canada  
on behalf of co-authors: **Peter Burton** and **Shelley Phipps** - Dalhousie University, Canada
2. Diet Choices: How the People of Two Communities on the Alaska Peninsula Make Decisions Regarding Their Food  
**Meredith Marchioni** - Alaska Department of Fish and Game, Division of Subsistence, USA
3. Individual and Collective Well-Being in the Arctic  
**Stephan Schott** - Carleton University, Canada  
on behalf of co-author, **Umut Riza Ozkan** - Carleton University, Canada
4. SLiCA 2.0: New Directions  
**Catherine (Kate) Turcotte** - Colby-Sawyer College, USA
5. Measuring Living Conditions / Well-Being and Quality of Life of Indigenous Peoples in the Arctic  
**Birger Poppel** - Ilisimatusarfik, University of Greenland; SLiCA; Greenland

### Part 2

25 May, 16:30-18:00 | Room # 6-307

1. Measuring Poverty and Inequality in Northern Canada  
**Angela Daley** - Dalhousie University, Canada  
on behalf of co-authors: **Peter Burton**, **Shelley Phipps** and **Daniel Rosenblum** - Dalhousie University, Canada

2. Economic and Social Inequities in Inuit Nunangat  
**Sébastien Lévesque** - Laval University, Canada  
on behalf of co-author, **Gérard Duhaime**
3. Domestic Violence in Greenland  
**MarieKathrine Poppel** - Ilisimatusarfik, University of Greenland, Greenland
4. Future Assessment and Measurement of Living Conditions and Quality of Life in the Arctic  
**Birger Poppel** - Ilisimatusarfik, Grønlands Universitet, Greenland

## UNSETTLING 'HISTORICAL TRAUMA' IN THE ARCTIC

HEAL6

Chair: **Jack Hicks** - Ilisimatusarfik, University of Greenland, Greenland

23 May, 10:30-12:00 | Room # 6-305

1. Adaptation Problems of Prisoners Towards Construction Polar Railroad in 1940-1950  
**Natalia Markdorf** - Novosibirsk State Pedagogical University, Russia
2. The Injury Death Rate as an Indicator of Collective and Historical Trauma for Arctic Communities and Regions  
**Matthew Berman** - University of Alaska Anchorage, Institute of Social and Economic Research, USA  
on behalf of co-author, **Stephanie Martin** - University of Alaska Anchorage, USA
3. Implications of a 'Historical Trauma Framework' for Development of a National Inuit Suicide Prevention Strategy  
**Jack Hicks** - Child Studies, Carleton University, Canada

## HEALTH PROMOTION AND POPULATION HEALTH

HEAL7

Chair: **Rhonda M. Johnson** - University of Alaska Anchorage , USA

24 May, 10:30-12:00 | Room # 8-164

1. Adaptation in Professional Activity Shift Workers in the Arctic  
**Yana Korneeva** - Northern (Arctic) Federal University & Northern State Medical University, Russia  
on behalf of co-author, **Natalia Simonova** - Northern (Arctic) Federal University & Northern State Medical University
2. Socio-Psychological Peculiarities of Shift Work in the Arctic  
**Natalia Simonova** - Northern (Arctic) Federal University named after M.V. Lomonosov; Research Institute Arctic Medicine, Northern State Medical University; Russia  
on behalf of co-author, **Irina Porokhina** - Northern (Arctic) Federal University named after M.V. Lomonosov , Russia
3. Metabolic Risk Factors Chronic Non-Communicable Diseases Among the Indigenous Population of Yakutia  
**Tatyana Mikhailovna Klimova** - Research Institute of Health, North-Eastern Federal University named after M.K.Ammosov, Russia  
**Valentina Ivanovna Fedorova** - Research Institute of Health, North-Eastern Federal University named after M.K.Ammosov, Russia  
on behalf of co-author, **Marina Egorovna Baltakhinova** - Research Institute of Health, North-Eastern Federal University named after M.K.Ammosov, Russia
4. The Impact of Participatory Approaches to Health Promotion with Aboriginal Youth  
**Cindy Jardine** - University of Alberta, Canada  
on behalf of co-author, **Megan Lukasevich** - University of Alberta, Canada

## PARTICIPATORY METHODS FOR HEALTH

HEAL8

Chair: **Rhonda M. Johnson** - University of Alaska Anchorage , USA

26 May, 13:00-14:30 | Room # 7-158

1. Experiences from Northern First Nations Community: Implications of Culturally Relevant Physical Activity in Health Promotion Practice  
**Keren Tang** - University of Alberta, Canada  
on behalf of co-authors: **Community Wellness Program** - Yellowknives Dene First Nation, Canada; and **Cindy Jardine** - University of Alberta, Canada
2. Working Together to Achieve Healthier Lifestyles in Yukon and Northwest Territories Communities  
**Katelyn Friendship** - Arctic Institute of Community-Based Research, Canada  
**Jody Butler Walker** - Arctic Institute of Community-Based Research, Canada

- on behalf of co-author, **Suzanne Jackson** - Dalla Lana School of Public Health, University of Toronto, Canada
- Unpacking “Working Together”: Intersectoral Collaboration in a Four-Year Healthy Lifestyles Project in Northern Canada  
**Jody Butler Walker** - Arctic Institute of Community-Based Research, Canada  
**Katelyn Friendship** - Arctic Institute of Community-Based Research, Canada  
on behalf of co-author, **Suzanne Jackson** - Dalla Lana School of Public Health, University of Toronto, Canada
  - From the Minds of Youth: Using Participatory Video to Explore Youth Resilience to Mental Health and Well-being Challenges in a Changing Climate  
**Joanna Petrusek MacDonald** - McGill University, Canada  
on behalf of co-authors: **Jordan and Curtis Konek** - Konek Productions, Canada; **James Ford** - McGill University, Canada; **Ashlee Cunsolo Willox** - Cape Breton University, Canada; **Marilyn Baikie** and **Inez Shiwak** – My Word Digital Storytelling Lab, Rigolet, Canada; **Claudia Mitchell** - McGill University, Canada; and **Rigolet Inuit Community Government** - Canada

## HEALTH, CULTURE, AND CULTURAL SAFETY

HEAL9

Chair: **Audrey R. Giles** - University of Ottawa

24 May, 15:00-16:30 | Room # ADM 1079

- An Interdisciplinary Exploration of Criminal Court Mental Health Programs for the Arctic  
**Priscilla Ferrazzi** - Queen's University, Canada
- Participatory Health Risk Communication: Using Community Generated Visual Messages to Effect Change  
**Cindy G. Jardine** - University of Alberta, Canada
- How do Housing Conditions Get Under the Skin to Influence Health? Considering Psychosocial Factors Associated with the House Environment in the Arctic  
**Mylène Riva** - Université Laval, Canada
- Cultural Safety in Health Promotion in Canada's North  
**Audrey R. Giles** - School of Human Kinetics, University of Ottawa, Canada  
on behalf of co-authors: **Francine E. Darroch** - School of Human Kinetics, University of Ottawa, Canada; and **Lauren Brooks** - School of Human Kinetics, University of Ottawa, Canada

## NORTHERN DRINKING': IMAGES, VALUES AND CONTROL

HEAL10

Chairs: **Anna Stammler-Gossmann** - Arctic Centre, University of Lapland, Finland

26 May, 10:30-12:00 | Room # 7-212

**Stephan Dudeck** - Arctic Centre, University of Lapland, Finland

- Narratives of Drinking and their Reproduction Among Sámi People in Northern Lapland  
**Nuccio Mazzullo** - University of Lapland/Arctic Centre, Finland
- Finnish and Russian 'Rules of Drinking'  
**Anna Stammler-Gossmann** - Arctic Centre, University of Lapland, Finland
- How to Enjoy a Teetotal All-Night Party: The Use and Abuse of Alcohol at the Sakha People's Yhyakh  
**Eleanor Peers** - Max Planck Institute for Social Anthropology, United Kingdom
- 'Once the Boozing Starts you might as well Cut the Last Cucumber.' Drinking as a Social Catalyst in a Siberian Native Community  
**Stephan Dudeck** - Arctic Centre, University of Lapland, Finland

## INTERNATIONAL RELATIONS & LAW (INRL)

### ARCTIC GOVERNANCE AND LAW

INRL1

Session Organizer: **Natalia Loukacheva** – University of Northern British Columbia, Canada; Arctic Governance Group, Arctic Law Thematic Network, UArctic

**Part 1 - Governance and Law** | Chair: **Øyvind Ravna** - University of Tromsø, The Arctic University of Norway, Norway **22 May, 11:15-12:45** | Room # 6-205 / 211

1. Arctic Governance, Law, and Sustainable Development presented by **Øyvind Ravna**, on behalf of author, **Natalia Loukacheva** - University of Northern British Columbia, Canada
2. Towards a Better Institutional Model for Arctic Sustainability Governance  
**Christoph Humrich** - University of Groningen, Department for International Relations/Arctic Centre, The Netherlands
3. EU Arctic Policy and Sustainable Development: Strategies of Cooperation and Governance Constraints. The Case of EU-Greenland Relations  
**Cécile Pelaudeix** - Aarhus University, Denmark
4. The Governance of Sámi Land Usage in Scandinavia - The Case of the Finnmark Act: A Suitable Way of Completing Norway's Obligations to Identify Sámi Rights to Lands and Waters?  
**Øyvind Ravna** - University of Tromsø, The Arctic University of Norway, Norway

**Part 2 - Governance** | Chair: **Elena Conde Pérez** - Facultad de Derecho, Universidad Complutense de Madrid, Spain **23 May, 13:15-14:45** | Room # 6-205 / 211

1. The Construction of Legality: Legal Consciousness in the Arctic  
**Nuccio Mazzullo** - Arctic Centre, University of Lapland, Finland on behalf of co-author, **Hannah Strauss-Mazzullo** - Arctic Centre, University of Lapland, Finland
2. Institutional Interplay in Arctic Shipping Governance: The Arctic Council and International Maritime Organization's Work on Safe Arctic Shipping  
**Piotr Graczyk** - UiT The Arctic University of Norway, Norway
3. The Opening of Northern Sea Route and the Potentiality of Sino-Russian Arctic Cooperation  
**Baozhi Cheng** - Shanghai Institutes for International Studies, China

### NON-ARCTIC STAKEHOLDERS AND THEIR SUSTAINABLE ENGAGEMENT WITH THE NORTH

INRL4

Chairs: **Marcin Gabrys** - Jagiellonian University, Poland **24 May, 10:30-12:00** | Room # 7-212  
**Michał Łuszczuk** - Jan Kochanowski University, Poland

1. Arctic Council's External Relations: The New AC Observer Rules in the Context of Arctic Governance  
**Piotr Graczyk** - UiT The Arctic University of Norway, Norway
2. New Voices of 'Old' Observers to the Arctic Council: Comparative Analysis of Policy Frameworks of Germany and the United Kingdom Towards the Arctic Region  
**Paula Kankaanpää** - Arctic Centre, University of Lapland,  
**Malgorzata Smieszek** - University of Lapland/Arctic Centre, Finland
3. The Race for the Arctic (Council)  
**Philip Steinberg** - Durham University, United Kingdom  
**Ingrid Agnete Medby** - Durham University, United Kingdom on behalf of co-author, **Johanne Bruun** - Durham University, United Kingdom

### RETHINKING BORDERS IN THE NORTH

INRL5

Chairs: **Monica Tennberg** - Arctic Centre, University of Lapland **24 May, 15:00-16:30** | Room # 7-158  
**Maria Lähteenmäki** - University of Eastern Finland, Finland

1. Contemporary Understandings of Sovereignty and Future Challenges for The Kingdom of Denmark  
**Johannes Riber Nordby** - Royal Danish Defence College, Denmark  
on behalf of co-author, **Katja Jacobsen** - Metropolitan University College, Denmark
2. Interaction of Cross-border Immigrant Communities in the Barents Region: Promoting Sustainable Muslim Entrepreneurships  
**Nafisa Yeasmin** - University of Lapland, Finland
3. Exploration of Natural Resources in the Arctic on the Continental Shelf Beyond 200 Nautical Miles Prior to Positive Recommendation by the CLCS: Inherent Right or Broad Interpretation of the UNCLOS?  
**Daria Shapovalova** - University of Aberdeen, United Kingdom
4. Arctic Cooperation Between Canada and the USA – Why is it Difficult? A Realist Analyses  
**Marcel Sachse** - FernUniversitaet Hagen, Germany

## THE ARCTIC COUNCIL PERMANENT PARTICIPANTS: PAST REFLECTIONS, FUTURE CHALLENGES (PANEL)

INRL6

Chair: **Jessica Shadian** - Anthropology Research Team, Arctic Centre, University of Lapland

25 May, 09:00-10:30 | Room # 7-150

The onset of the AEPS created a very unique role for the Arctic's indigenous peoples during the formative years of Arctic regime building. Their very unique role in the politics of the region was recognized in the Arctic Council Declaration (1996). The idea of indigenous permanent participants was also a first for international political regimes. The Arctic Council is now several decades old in general. It is also undergoing significant change as it deals with new challenges and accommodates new interested parties. These changes offer a worthwhile opportunity to reflect on the past and consider the future opportunities and challenges for the Arctic Council's permanent participants. Themes to consider are:

- The permanent participants' visions for the future of the Arctic Council
- Priorities for capacity building and adequate stable funding
- Priorities for and participation in the work agenda of the Arctic Council (e.g. expanding work load)
- Domestic relations between the Arctic states and permanent participants;
- Relations between permanent participants and non-Arctic observer states;

Panel Members:

1. **Jessica M. Shadian**
2. **Bernie Funston**
3. **Okalik Egeesiak** (ICC)
4. **Joe Linklater** (GCI)
5. **Liza Mack** (AIA)
6. **Jim Gamble** (AIA)
7. **Pavel Sulyandziga** (RAIPON)
8. **Gunn-Britt Retter** (Saami Council)

## THE ARCTIC NEXUS IN THE RELATIONS BETWEEN ARCTIC COUNCIL STATES AND ASIAN POWERS

INRL7

Chairs: **Rasmus Gjedssø Bertelsen** - CIRCLA, Aalborg University, Denmark  
**Gunhild Hoogensen Gjörv** - University of Tromsø, Norway  
**Jong Deog (Justin) Kim** - Korea Maritime Institute, South Korea  
**Rob Huebert** - University of Calgary, Canada  
**Zhang Pei** - Shanghai Institutes for International Studies (SIIS), China

### Part 1

23 May, 10:30-12:00 | Room # 7-152

1. China's Role in Arctic Affairs in the Context of Global Governance  
**Jiang Ye** - Shanghai Institutes for International Studies (SIIS), China
2. Is China's Interest for the Arctic Motivated by Arctic Shipping Prospects?  
**Lin Yan Huang** - Laval University, Canada  
on behalf of co-authors: **Frédéric Lasserre** - Laval University, Canada; and **Olga Alexeeva** - UQAM

3. China-Nordic Arctic Cooperation  
**Egill Thor Nielsson** - Polar Research Institute of China, China
4. Navigating Constitutional and Political Complexity: The Kingdom of Denmark and Asia  
**Rasmus Gjedssø Bertelsen** - Aalborg University, Denmark  
on behalf of co-author, **Mette Højris Gregersen** - Aalborg University, Denmark

#### Part 2

23 May, 13:15-14:45 | Room # 7-152

1. Arctic Governance and the Participation of Northeast Asian Countries  
**Yao Zhang** - Shanghai Institutes for International Studies (SIIS), China
2. Korea's Arctic Policy Development  
**Jong-Deog (Justin) Kim** - Korea Maritime Institute, South Korea
3. After Kiruna: The Deepen Cooperation Between Arctic and Northeast States in Arctic Governance  
**Pei Zhang** - Shanghai Institutes for International Studies (SIIS), China
4. Arctic Climate Change, Asian Interests in Greenland and Relationships within the Realm of the Kingdom of Denmark  
**Uffe Jakobsen** - University of Copenhagen, Denmark

### THE EMERGING ARCTIC SECURITY REGIME

INRL8

Chair: **Rob Huebert** - University of Calgary, Canada

26 May, 13:00-14:30 | Room # 6-307

1. Military Cooperation in the Emerging Arctic Security Regime  
**Michał Łuszczuk** - Jan Kochanowski University in Kielce, Poland, Poland
2. The Future of the Arctic Region: Cooperation or Conflict?  
**Mikkel Runge Olesen** - Danish Institute for International Studies (DIIS), Denmark
3. Russia's Military Strategies in the Arctic: Myths and Reality  
**Alexander Sergunin** - St. Petersburg State University, Russia

## KNOWLEDGE & HISTORY (KHIS)

### CIRCUMPOLAR HISTORY

KHIS1

Chair: **Amanda Graham** - Yukon College, Canada

#### Part 1

22 May, 15:30-17:00 | Room # 7-150

1. Polish Adventurers in the Northwest Passage  
**Marcin Gabryś** - Jagiellonian University, Krakow, Poland, Poland
2. The Power from Within: Karin Stenberg a Forest Sámi Woman's Political Struggle in the 1900s  
**Krister Stoor** - Department of Language/Sámi Studies, Umeå University, Sweden
3. "Vlasovites" and White Emigrants in Siberia 1945-1956: Myths and Reality  
**Natalia Markdorf** - Novosibirsk State Pedagogical University, Russia
4. The Political Ecology of Social Formation, Farming Systems and Changing Climate Conditions in Medieval Iceland  
**Jón Haukur Ingimundarson** - Stefansson Arctic Institute and University of Akureyri, Iceland, Iceland

#### Part 2

25 May, 09:00-10:30 | Room # 7-150

Session Cancellation

#### Part 3

26 May, 10:30-12:00 | Room # 7-152

1. Changes in the Use of Landscape as a Result of Various Government Actions: A Description of Reindeer Husbandry in the Lule Sámi Area From the Late 1900s Onwards  
**Oddmund Andersen** - Árran Lulesami Center, Norway
2. The Investment Process in Siberia During the Soviet Period  
**Aleksey Dolgolyuk** - Institute of History, Siberian Branch of the Russian Academy of Science, Russia



3. Seeing for Ourselves: The University Urge in Northern Canada, 1960–2014  
**Amanda Graham** - Yukon College, Canada
4. Ethnic and Cultural Mechanisms in Sámi Marriages Under the Impact of the Colonization Process in 19th Century Northern Sweden  
**Gabriella Nordin** - Arcum - Arctic Research Centre at Umeå University, Sweden

**IDEAS OF ARCTIC EXCEPTIONALITY? HISTORICAL UNDERSTANDINGS OF THE SPACES, CULTURES AND ENVIRONMENTS OF THE CIRCUMPOLAR NORTH** **KHIS2**

Chair: **Richard C. Powell** - University of Oxford, United Kingdom **23 May, 10:30-12:00 | Room # 6-205 / 211**

1. Imperial Ethnography of the North: Northern Expeditions of Matthias Castrén in 1830s and 1840s  
**Dmitry Mordvinov** - University of British Columbia, Canada
2. Geography, Anthropology and Arctic Field Practices
3. **Richard Powell** - University of Oxford, United Kingdom
4. The Development of the Soviet North in the Mainstream Interest of Canadian Scientists and their Interaction with the Soviet Scientific Institutions in 1950s - 1960s  
**Elena Kuligina** - European University, Russia
5. Historicizing The Circumpolar North  
**Peder Roberts** - KTH Royal Institute of Technology, Sweden  
on behalf of co-author, **Duncan Depledge** - Royal Holloway University of London/Royal United Services Institute, United Kingdom

**ARCTIC SUSTAINABLE KNOWLEDGE: INTEGRATING ARCTIC SCIENCE, TRADITIONAL/LOCAL KNOWLEDGE AND SOCIALLY-ORIENTED OBSERVATIONS** **KHIS3**

Chairs: **Tatiana Vlasova** - Institute of Geography, Russian Academy of Science; **24 May, 10:30-12:00 | Room # 6-205 / 211**  
Russian Geographical Society, Russia  
**Andrey Petrov** - Department of Geography, University of Northern Iowa, USA

1. Linking Scientific and Documented Indigenous Knowledge Using Information and Communications Technology: Representation, Ethics and Mediation  
presented by **Colleen Strawhacker** and **Shari Gearheard** on behalf of authors: **Peter Pulsifer, H. McCann, C. McNeave, Ruth Duerr, Betsy Sheffield, Allaina Wallace, and Agnieszka Gaut** - National Snow and Ice Data Centre, University of Colorado, USA
2. Distribution of Attention to News on an Ethnic Radio Website and Facebook in Finland  
**Anni-Siiri Länsman** - University of Oulu, Finland  
**Terttu Kortelainen** - University of Oulu, Finland
3. Demands, Interests and Hopes of the Arctic People and How to Reveal them Through Socially-oriented Observations  
**Tatiana Vlasova** - Institute of Geography, Russian Academy of Sciences, Russia

**IS THERE A PLACE FOR CRITICAL ARCTIC STUDIES?** **KHIS4**

Chairs: **Marjo Lindroth** - Faculty of Social Sciences, University of Lapland, Finland **22 May, 15:30-17:00 | Room # 7-152**  
**Heidi Sinevaara-Niskanen** - Unit for Gender Studies, University of Lapland, Finland

1. Regionalism, Economy and Knowledge: Problematizing the Arctic  
**Monica Tennberg** - Arctic Centre, University of Lapland, Finland
2. Subsistences and the Development of Sustainabilities  
**Susanna Gartler** - University of Vienna, Austria
3. Gender, Inclusion, and Sustainability: Discursive Constructions of Reindustrialization Processes in the North  
**Trine Kvidal** - Norut Alta, Norway

4. Indigenizing Resilience: Critical Reflections on Resistance  
**Marjo Lindroth** - University of Lapland, Finland  
**Heidi Sinevaara-Niskanen** - University of Lapland, Finland

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## IDENTITY AND RELIGION IN THE ARCTIC

KHIS5

Chair: **Flemming Nielsen** - Ilisimatusarfik / University of Greenland, Greenland      **25 May, 16:30-18:00 | Room # 7-150**

1. Well-Being and Identities Among the Indigenous Adolescents in the Northern Buryatia  
**Svetlana Huusko** - University of Oulu, Finland
2. Russian Indigeneity and the Political and Economic Disillusions of the Pomor Identity Movement  
**Maria Nakhshina** - University of Aberdeen, United Kingdom
3. Changing Religious Landscape, in Search of Sustainability: Religious Conversion in the Polar Ural Tundra  
**Tatiana Vagramenko** - National University of Ireland Maynooth, Ireland
1. Banya and its Spirits in Nocturnal Beliefs in Russian North  
**Dmitry Petrov** - Moscow State University, Russia
2. Ritualized Catechesis in the Early Days of Christianity in Greenland  
**Flemming Nielsen** - Ilisimatusarfik / University of Greenland, Greenland

## LANGUAGE & HUMANITIES (LAHU)

### SUSTAINABILITY AND LANGUAGE

LAHU1

Chairs: **Laura Siragusa** - Institute of Culture Studies and Arts, University of Tartu, Estonia  
**Jenanne Ferguson** - Department of Anthropology, University of Aberdeen, Scotland

#### Part 1

**22 May, 11:15-12:45 | Room # 6-307**

1. Plan B: Documenting Unsustainable Languages Before They Disappear  
**Alexander D. King** - University of Aberdeen, United Kingdom
2. Language Stewardship and Land Stewardship: (Re)claiming Taku River Tlingit Language Through Place  
**Christine Schreyer** - University of British Columbia - Okanagan, Canada
3. "Safety in Numbers?" Language Vitality and Problems of Enumeration  
**Daria Boltokova** - University of British Columbia, Canada
4. Discussions Around the Ways of Minority Language Revitalization in the Evenki District of the Krasnoyarsk Territory  
**Nadezhda Mamontova** - Institute of Ethnology and Anthropology, Russian Academy of Sciences, Russia

#### Part 2

**22 May, 15:30-17:00 | Room # 6-307**

1. Iitiliibit lje Tylbyt: Sakha "Spirited" Language, Sustenance, and Sustainability  
**Jenanne Ferguson** - University of Aberdeen/University of Arizona, Canada
2. Linguistic Diversity: Case of Kolyma (Yakutia)  
**Lena Sidorova** - Department of Cultural Studies, Institute of linguistics and Culture of the Peoples of North-Eastern part of Russia, North-Eastern Federal University named after M.K.Ammosov, Russia  
**Vera Solovyeva** - George Mason University, USA
3. Tynevil's Writing  
**Elena Vereschaka** - Museum of Anthropology and Ethnography, Russian Academy of Sciences, Russia

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### HUMANITIES IN THE CIRCUMPOLAR WORLD

LAHU2

Chair: **Kathleen Osgood** - The Center for Circumpolar Studies, University of the Arctic

#### Part 1

**23 May, 13:15-14:45 | Room # 8-166**

1. Respect and Reciprocity, Ownership and Benefit: Indigenous Ethics in the Northern Academy  
**Kathleen Osgood** - The Center for Circumpolar Studies, USA

2. Modernization and Heritage in Children's Literature in Greenland  
**Karen Langgård** - Ilisimatusarfik, University of Greenland, Greenland
3. An Ancient Enemy Observed: Images of Sea Ice in Selected Narratives of Iceland  
**Astrid Elizabeth J. Ogiilvie** - INSTAAR/Stefansson Arctic Institute, Iceland
4. Conceptions of the Arctic Through the Lens of the Media  
**Alycia Mutual** - University of Northern British Columbia, Canada

## Part 2

25 May, 16:30-18:00 | Room # 7-152

1. Aesthetic Codes, Indigenous Agency, and Climate Change Discourse in the Arctic  
**Victoria Hermann** - Carleton University and Fulbright Canada, Canada
2. Raven Stories Across the North Pacific: A Comparative Literature Approach to North Pacific Orature  
**Alexander D. King** - University of Aberdeen, United Kingdom
3. Comparative Mythology and Human-Rangifer Relations  
**Daniel Prior** - Miami University, USA
4. Rock Art of Russian Arctic: Petroglyphs of Pegtymel Rock Art Site (The Circumpolar Context)  
**Ekaterina Devlet** - Institute of Archaeology, Russian Academy of Sciences, Russia
5. Minorities Media: Makers and Consumers  
**Mayya Sidorova** - North-Eastern Federal University, Russia

## THE ARCTIC INDIGENOUS LANGUAGE VITALITY INITIATIVE

LAHU3

Chair: **Lenore Grenoble** - University of Chicago; Inuit Circumpolar Council, Canada 25 May, 09:00-10:30 | Room # 5-123

1. Circumpolar Collaboration and Indigenous-Driven Initiatives: Arctic Indigenous Language Vitality  
**Puju Carl Christen Olsen** - ICC Greenland & The Greenland Language Secretariat, Greenland  
**Lenore A. Grenoble** - The University of Chicago & ICC Canada, USA
2. Assessing the Vitality of Arctic Indigenous Languages: Development of a Canada-based Approach  
**Mary Jane Norris** - Research Consultant, Norris Research Inc, Canada
3. An Indigenously-Defined Metric for Assessing Arctic Language Vitality  
**Lenore Grenoble** - University of Chicago; ICC Canada  
on behalf of co-author, **Jeela Palluq-Cloutier** - Inuit Tapiriit Kanatami, Canada
4. Indigenous Languages in Urban Surroundings  
**Olga Kazakevich** - Research Computing Centre, Lomonosov Moscow State University, Russia
5. The World View of the Northern Peoples and Language Vitality: Psycholinguistic Issues (the Case of the Sakha Republic [Yakutia])  
**Liudmila Zamorshchikova** - North-East Federal University, Russia

## LINGUISTIC ETHNOGRAPHY: GWICH'IN CARIBOU ANATOMY AND CULTURAL ECOLOGY (PANEL)

LAHU4

Chair: **Craig Mishler** - University Alaska Fairbanks, USA

24 May, 15:00-16:30 | Room # 6-307

Our ongoing research project is funded by the National Science Foundation through the University of Alaska Native Language Center in Fairbanks. For the past two years we have been recording and processing Gwich'in language recordings with elders in northeast Alaska and the Yukon. Using artifacts and slides, panel members will talk about the close links between linguistic and material culture, the pervasive use of metaphor and metonymy in the naming of caribou body parts, and the rather complex process of collaborating online in the cloud. At the end we will also show a short autoethnographic video on butchering caribou meat and preparing it for drying.

Panel Members:

1. **Kenneth Frank** - Gwich'in Elder, USA
2. **Allan Hayton** - Program Director, Gwich'in Steering Committee, USA
3. **Craig Mishler** - Native Language Centre, University of Alaska Fairbanks, USA

## RESOURCE DEVELOPMENT (RDEV)

### ARCTIC EXTRACTIVE INDUSTRIES: THE POLITICS OF CHALLENGES AND OPPORTUNITIES

RDEV1

Chairs: **Jessica M. Shadian** - Anthropology Research Team, Arctic Centre, University of Lapland, Finland

24 May, 10:30-12:00 | Room # 7-238

**Gunhild Hoogensen Gjørsv** - Department of Political Science, University of Tromsø, Norway

**Peter Evans** - Independent Scholar / EverNorth Consulting, Canada

Program: IASSA Extractive Industries Working Group (EIWG)

1. ARCTICFRONT: Presenting Analytical Concepts for Understanding and Interpreting consequences of Arctic Mining  
**Bright Dale** - Norland Research Institute, Norway  
on behalf of co-author, **Berit Skorstad** - University of Nordland, Norway
2. Abstractive Industry and the Arctic Ego-System  
**Arthur Mason** - University of California Berkeley, USA
3. Mukloks on the Ground: Community-Based Monitoring and Regional Arctic Governance – Shall the Twain Ever Meet?  
**Jessica Shadian** - Anthropology Research Team, Arctic Centre, University of Lapland, Finland
4. Social Licence to Mine in the Glocal Arctic  
**Hannu I. Heikkinen** - University of Oulu / Faculty of humanities, Finland  
on behalf of co-authors: **Élise Lépy** - University of Oulu / Faculty of humanities, Finland; **Simo Sarkki** - University of Oulu / Thule institute, Finland; and **Teresa Komu** - University of Oulu / Thule Institute; Sami Parliament; Finland
5. Do Values and Politics Trump Science? The Security of Energy, Environment and Economy  
**Gunhild Hoogensen Gjørsv** - UiT The Arctic University of Norway, Norway

### EXTRACTIVE INDUSTRIES IN AREAS OF INDIGENOUS AND LOCAL PEOPLE: COMPARING STRATEGIES FOR LONG-TERM VIABILITY

RDEV2

Chair: **Hannu Heikkinen** - Anthropology, Faculty of Humanities, University of Oulu, Finland

Program: IASSA Extractive Industries Working Group (EIWG)

#### Part 1

22 May, 11:15-12:45 | Room # 5-123

1. Mapping Ecosystem Services and Values in Local Communities - The Case of Mining in Greenland, Russian and Norway  
**Ingrid Bay-Larsen** - Nordland Research Institute, Norway  
on behalf of co-authors: **Vladimir Didyk** - Kola Science Center, Luzin Economic Institute, Russia; and **Berit Skorstad** - University of Nordland, Norway
2. Mining Impacts and Sustainability in Baker Lake, Qamanittuaq, Nunavut  
**Sylvie Blangy** - CEFE, CNRS, France  
on behalf of co-author, **Anna Deffner** - Agro Paris Tech, France
3. Addressing Social Issues Associated with Mining Developments in the European Arctic  
**Adam Stepien** - Arctic Centre, University of Lapland, Finland  
on behalf of co-authors: **Kim van Dam** - Arctic Centre, University of Groningen, The Netherlands; **Annette Scheepstra** - Arctic Centre, University of Groningen, The Netherlands; **Johan Gillie** - Ecorys Nederland; and **Frank Vanclay** - Faculty of Spatial Sciences, University of Groningen, The Netherlands

#### Part 2

23 May, 10:30-12:00 | Room # 8-164

1. Marginal Decision System of Oil Development in North-western Siberia  
**Yuka Oishi** - Tokyo Metropolitan University, Japan
2. Indigenous Peoples and Resources in The Russian North  
**Pavel Sulyandziga** - RAIPON (Russian Association of Indigenous Peoples of the North), Russia / Denmark  
**Alona Yefimenko** - Arctic Council IPS, Denmark
3. Energy Infrastructure Development in the Arctic: Planning and Decision making Scenarios for Local Communities  
**Michael (Mike) Brady** - Rutgers University, USA

## GLOBALIZING NORTHERN BRITISH COLUMBIA: DEVELOPMENT, AGENCY AND CONTESTATION IN A RESOURCE-BASED ECONOMY

RDEV3

Chair: **Paul Bowles** - Department of Economics, University of Northern British Columbia, Canada

23 May 13:15-14:45 | Room # 6-305

Program: SSHRC

1. All Aboard or Watching the Trains Go By? Globalization and Northern BC  
**Tracy Summerville** and **Gary Wilson** - University of Northern British Columbia, Canada
2. Open for Business? Historical Perspectives on Province-Building and Globalization in Northern British Columbia  
**John Young** - University of Northern British Columbia, Canada  
**Ken Coates** - University of Saskatchewan, Canada
3. 'Globalizing' Northern British Columbia: A Framework for Analysis  
**Paul Bowles** - University of Northern British Columbia, Canada
4. Labour Systems and Globalization in Northern British Columbia: The Contemporary Mining 'Boom' in Historical Perspective  
**Fiona MacPhail** and **Paul Bowles** - University of Northern British Columbia, Canada

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## LABOUR MOBILITY AND COMMUNITY SUSTAINABILITY – THE IMPACT OF EXTRACTIVE INDUSTRIES IN THE ARCTIC

RDEV4

Chairs: **Gerti Eilmsteiner-Saxinger** - Department for Cultural and Social Anthropology, University of Vienna, Austria  
**Remy Rouillard** - Scott Polar Research Institute, Cambridge, United Kingdom

Program: IASSA Extractive Industries Working Group (EIWG)

### Part 1 | Chair: **Remy Rouillard**

26 May, 10:30-12:00 | Room # 5-123

1. Foreign Bodies in the Russian North : On the Biological Adaptation of Indigenous Nenets, Soviet-Day Settlers and Mobile Oil Workers to the Arctic  
**Rémy Rouillard** - Scott Polar Research Institute, University of Cambridge, United Kingdom
2. To You, To Us, To Oil and Gas: Symbolics of Materiality and Relations to Mineral Resources in the Russian Far North  
**Gertrude Eilmsteiner-Saxinger** - University of Vienna, Austria
3. Extracting the Imaginary from Two Spaces of Mobile Labour  
**Roger Norum** - Institute of Social and Cultural Anthropology, University of Oxford, United Kingdom
4. After the Flood: Socioeconomic and Environmental Impacts of Iceland's Kárahnjúkar Megaproject  
**Mia Bennett** – University of California Los Angeles (UCLA), USA

### Part 2 | Chair: **Gerti Eilmsteiner-Saxinger**

26 May, 13:00-14:30 | Room # 5-123

1. FIFO in the Canadian North: What has 40 Years of Experience Taught Us?  
**Keith Storey** - Memorial University, Canada
2. Canadian Interprovincial Employees in the Canadian North: A Case Study in Employment Metrics; 2004-2009  
**Greg Finnegan** - Yukon College/SDC Software Inc., Canada
3. Work/Journey/Home/Journey: Exploring Resource Development-Related Migration in the Baffin Region, Nunavut  
**Tara Cater** – Carleton University, Canada
4. Networks, Stories, Habits and Infrastructure' - Yukon Communities Between Extractive Industries and Subsistence  
**Susanna Gartler** - University of Vienna, Austria

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## LOCAL SUSTAINABILITY AND PATHS OF RESOURCE DEVELOPMENT IN THE ARCTIC

RDEV5

Chairs: **Marie Lowe** - Institute of Social and Economic Research (ISER), University of Alaska Anchorage, USA

24 May, 15:00-16:30 | Room # 7-238

**Hal Salzman** - E.J. Bloustein School of Planning & Public Policy; J.J. Heldrich Center for Workforce Development, Rutgers University; USA

1. Is Resource Development Creating a New Class of Northern Capitalists?  
**Andrew P. Hodgkins** - University of Alberta, Canada



2. Education and Community Viability in Western Alaska  
**Marie Lowe** - University of Alaska Anchorage, USA
3. Communication Policies for Arctic Aboriginal Social and Economic Development  
**Heather E. Hudson** - Institute of Social and Economic Research, University of Alaska Anchorage, USA
4. Junk to Funk: Sustainable Art in the Arctic Region  
**Herminia Din** - University of Alaska Anchorage, USA
5. Sustainability and New Pathways to “Development”: Is There an Arctic Alternative?  
**Hal Salzman** - Rutgers University, USA

## RESOURCES AND SUSTAINABLE DEVELOPMENT IN THE ARCTIC

RDEV6

Chair: **Chris Southcott** - Sociology, Lakehead University, Canada  
Program: ReSDA

25 May, 16:30-18:00 | Room # 7-158

1. Cumulative Impacts and Environmental Legacies of Historical Extractive Development in the Arctic  
**Arn Keeling** - Memorial University, Canada
2. Good Fortune or Misfortune? Pond Inlet and the Mary River Project  
**Roger Ritsema** - Department of Geography, University of Ottawa, Canada  
on behalf of co-author, **Jackie Dawson** - Department of Geography, University of Ottawa, Canada
3. Resource Revenue Distribution and Community Development and Well-Being: Evidence from Salluit and Kangiqsujuaq  
**Thierry Rodon** - Université Laval, Canada  
**Mylène Riva** - Université Laval, Canada  
on behalf of co-author, **Jonathan Blais** - Université Laval, Canada
4. Gender and Decision-making in Natural Resource Management in Yukon Territory  
**Kiri Staples** - University of Saskatchewan, Canada  
on behalf of co-author, **David Natcher** - University of Saskatchewan, Canada

## RESOURCES, SUSTAINABILITY, AND THE CURRENT ECONOMY OF NORTHERN REGIONS

RDEV7

Chair: **Lee Huskey** - Economics Department, University of Alaska Anchorage, USA  
Program: Arctic-FROST and ReSDA

### Part 1

25 May, 09:00-10:30 | Room #7-238

1. The Experience of Economic Development of the Eastern Siberia Northern Territories (e.g. the Middle Angara Region)  
**Aleksey Dolgolyuk** - Institute of History, Siberian Branch, Russian Academy of Science, Russia
2. Economic Activity in Arctic Canada: Exploring Shipping Trends, Patterns, and Policies  
**Larissa Pizzolato** - University of Ottawa, Canada  
on behalf of co-authors: **Jackie Dawson** - University of Ottawa, Canada; **Steve Howell** - Environment Canada, Canada; **Chris Derkson** - Environment Canada, Canada; **Margaret Johnston** - Lakehead University, Canada ; and **Luke Copeland** - University of Ottawa, Canada
3. Trends in Alaska's Statewide and Regional Economics  
**Gunnar Knapp** - University of Alaska Anchorage, USA

### Part 2

25 May, 16:30-18:00 | Room # 7-238

1. Mining for a Better Future: Approaching Economic Growth and Sustainable Communities in Context of Mining in Nunavut  
**Nadav Goelman** - Simon Fraser University, Canada
2. The Importance of Harvesting in the Nunavut Economy  
**Stephan Schott** - Carleton University  
on behalf of co-author, **Dmitry Lysenko** - Government of Nova Scotia, Canada
3. Arctic Local Communities and the Competence Building in Relation to Large Mining Projects - The North European Experience  
**Jukka Teräs** - Nordregio, Sweden



## SUSTAINABILITY, PEOPLE AND RESOURCE EXTRACTION IN THE ARCTIC: PERSPECTIVES ON THE NOTION OF CORPORATE SOCIAL RESPONSIBILITY

RDEV8

Chairs: **Florian Stammer** - Arctic Centre, University of Lapland, Finland      **24 May, 10:30-12:00 | Room # ADM 1079**  
**Emma Wilson** - International Institute for Environment and Development (IIED), United Kingdom  
Program: IASSA Extractive Industries Working Group (EIWG)

1. Rights and Responsibilities: Re-thinking the Social Licence to Operate  
**Emma Wilson** - International Institute for Environment and Development, United Kingdom
2. A Synthesis of Oil and Gas Infrastructure and Commercial Transportation Development in Arctic Alaska: What is the Role of Corporate Social Responsibility in Adaptation?  
**Amy Lauren Lovcraft** - University of Alaska Fairbanks, USA  
on behalf of co-author, **Kevin Hillmer-Pegram** - University of Alaska Fairbanks, USA
3. Oil and Gas Development in the Russian North: Major Issues and Indigenous Concerns  
**Valeria Zamorshchikova** - University of Québec; M.K. Ammosov North-Eastern Federal University; Canada
4. Multinationals Meet the Locals in the Arctic: Monitoring of Megaprojects in Northern-Norway and East-Iceland  
**Trond Nilsen** - Northern Research Institute (Norut Alta), Norway  
**Ingvid Nylund** - Northern Research Institute (Norut Alta), Norway  
**Hjalti Jóhannesson** - University of Akureyri Research Centre, Iceland
5. A Public Governance Look at CSR: CSR as a Modality for Governments to Encourage Contributions to Public Policy Objectives in the Exploitation of Arctic Natural Resources  
**Karin Buhmann** - Department of Intercultural Communication and Management, Copenhagen Business School; Department of Communication, Business and Information Technology, Roskilde University, Denmark

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## SUSTAINABLE ENERGY DEVELOPMENT IN THE CIRCUM-ARCTIC AND POLAR REGIONS

RDEV9

Chair: **Sanjin (Sonny) Banjac** – Sea Breeze Power, Canada      **26 May, 10:30-12:00 | Room # 7-158**

1. Silenced and Sidelined: The Elusive Social in the Barents Energyscape  
**Hanna Lempinen** - Arctic Centre, University of Lapland, Finland
2. Energy Resilience in Northern Communities: Critical Success Factors for Sustainable Northern Energy  
**Lawrence Keyte** - Trent University, Canada
3. Solar Power at Old Crow: Bringing Renewable Energy North  
**Sanjin (Sonny) Banjac** - Sea Breeze Power, Canada

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## URANIUM MINING IN GREENLAND

RDEV10

Chair: **Rasmus Ole Rasmussen** - Nordregio - Nordic Centre for Spatial Analysis      **24 May, 15:00-16:30 | Room # 5-123**

1. The Rigsfælleskab and Arctic Yellowcake: Challenges and Opportunities for Greenland and Denmark  
**Cindy Vestergaard** - Danish Institute for International Studies (DIIS), Denmark
2. Tolerance and Mining of Greenland's Uranium  
**Lill Rastad Bjørst** - CIRCLA - Centre for Innovation and Research in Culture and Learning in the Arctic, Aalborg University, Denmark
3. Greenlandic Mining in Recent Memory: Experiences of Conflict and Collaboration on a Horizon of Opportunities  
**Pelle Tejsner** - Eskimology and Arctic Studies, Copenhagen University, Denmark
4. Narsaq: A Community Challenged by Municipal Restructuring and Uranium Mining in South Greenland  
**Rasmus Ole Rasmussen** - Nordregio - Nordic Centre for Spatial Analysis, Sweden

## RENEWABLE RESOURCES (RENr)

### ARCTIC AGRICULTURE AND FARMING SYSTEMS IN TRANSITION

RENr1

Chair: **Jón Haukur Ingimundarson** - Stefansson Arctic Institute; University of Akureyri; Iceland

26 May, 10:30-12:00 | Room # 6-306

1. Arctic Agriculture--A Joint Committee Project of the United States, Greenland and Denmark  
**Jenifer Huang McBeath** - University of Alaska Fairbanks, USA  
on behalf of co-author, **Peter Stougaard** - University of Copenhagen, Denmark
2. Adaptive Responses to Changing Economic and Climatic Conditions and Extreme Events in Present-Day Icelandic Agriculture  
**Jón Haukur Ingimundarson** - Stefansson Arctic Institute; University of Akureyri; Iceland
3. Multi-Functionality as Scenarios for Land Use Development in the Arctic  
**Rasmus Ole Rasmussen** - Nordregio – Nordic Centre for Spatial Development, Sweden

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### SUSTAINABLE MARINE RESOURCE GOVERNANCE: KNOWLEDGES, PRACTICES AND STRATEGIES

RENr3

Chairs: **Halvor Dannevig** - Western Norway Research Institute, Norway  
**Berit Kristoffersen** - University of Tromsø, Norway  
**Bright Dale** - Nordland Research Institute, Norway

25 May 09:00-10:30 | Room # 6-306

1. Adaptation of Marine Communities: Expedition Cruise Tourism on Svalbard  
**Linde Van Bets** - Environmental Policy Group of Wageningen University, The Netherlands  
on behalf of co-author, **Jan van Tatenhove** - Environmental Policy Group of Wageningen University, The Netherlands
2. Governance as Governmentality in Norwegian Marine Resource Management: The Inclusion/ Exclusion Processes of the Ecosystem Based Approach  
**Bright Dale** - Norland Research Institute, Norway
3. Authorizing Oil and Gas Development in the European Arctic: The Norwegian Approach  
**Berit Kristoffersen** - University of Tromsø, Norway  
on behalf of co-author, **Leif Christian Jensen**
4. Knowledge and Management – On the Co-production of Validity and Legitimacy in Norwegian Area Management  
**Ingrid Bay-Larsen** - Norland Research Institute, Norway

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### TOURISM AS A DIMENSION OF NORTHERN SUSTAINABILITY: POLITICAL, GOVERNANCE AND ENVIRONMENTAL ISSUES

RENr4

Chairs: **Suzanne de la Barre** - Vancouver Island University, Canada  
**Dieter Müller** - Umeå University, Sweden

26 May, 13:00-14:30 | Room # 6-306

Programs: UArctic Thematic Network on Northern Tourism & International Polar Tourism Research Network (IPTRN)

1. Yachts in the Northwest Passage: A 21st Century Perspective  
**Marcin Gabryś** - Jagiellonian University, Krakow, Poland, Poland
2. Representations of Polar Bears in Tourism: Exploring Power Relations Through Discourse Analysis  
**Olga Yudina** - University of Waterloo, Canada  
on behalf of co-author, **Bryan S.R. Grimwood** - University of Waterloo, Canada
3. Public Perceptions of Tourism Opportunities and Constraints in Northern Sweden  
**Dieter K. Müller** - Umeå University, Sweden

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### TOURISM AS A DIMENSION OF NORTHERN SUSTAINABILITY: SOCIAL, CULTURAL AND ECONOMIC ISSUES

RENr5

Chairs: **Suzanne de la Barre** - Vancouver Island University, Canada

**24 May, 10:30-12:00 | Room # 6-307**

**Dieter Müller** - Umeå University, Sweden

Programs: UArctic Thematic Network on Northern Tourism & International Polar Tourism Research Network (IPTRN)

1. Impacts of Tourism in Norwegian Arctic Destinations: Perspectives from Tourism Stakeholders  
**Joseph (Joe) Chen** - Indiana University, USA
2. Uummannaq, Greenland – Building on Traditional Resources in Context of Modern Tourism  
**Wilfred E. Richard** - Smithsonian Museum of Natural History, Arctic Studies Center, USA
3. Tourism Entrepreneurs' Perspectives on Tourism and Mining in the Heart of Lapland, Sweden  
**Suzanne de la Barre** - Vancouver Island University, Canada

## RESEARCH METHODS & APPROACHES (RMET)

### ANALYSING INTEGRATED SOCIAL-ECOLOGICAL SYSTEMS – JOINT CONCEPTS AND METHODS

RMET1

Chairs: **Ingrid Bay-Larsen** - Nordland Research Institut, Norway

**Grete Kaare Hovelsrud** - Nordland Research Institute, Norway

#### Part 1

**24 May, 15:00-16:30 | Room # 7-212**

1. A Process Oriented Approach to the Study of Adaptation to Climate Change  
**Graham Epstein** - The Vincent and Elinor Ostrom Workshop in Political Theory and Policy Analysis, USA  
on behalf of co-authors: **Audun Sandberg** - University of Nordland, Norway; and **Michael Cox** - Dartmouth College, USA
2. Ties that Link Us Together: Using Social Network Analysis to Reflect the Role of Sharing and Cooperative Relationships in Offsetting Household Vulnerability to Change  
**Sauna B BurnSilver** - Arizona State University, USA  
**Jim Magdanz** - University of Alaska Fairbanks, USA  
on behalf of co-author, **Gary Kofinas** - University of Alaska Fairbanks, USA
3. Understanding Adaptive Capacity and Resilience: Applying Institutional Analysis and Development (IAD) Framework to Coupled Social-ecological Systems  
**Grete K. Hovelsrud** - Nordland Research Institute, Norway  
**Ingrid Bay-Larsen** - Nordland Research Institute, Norway
4. Arctic Resilience Report Phase 2 – A Social-Ecological Framework for Case Comparison and Analysis  
**Annika E. Nilsson** - Stockholm Environment Institute, Sweden  
**Marcus Carson** - Stockholm Environment Institute, Sweden  
on behalf of co-authors: **Garry Peterson** and **Sarah Cornell** - Stockholm Resilience Centre, Sweden

#### Part 2

**26 May, 13:00-14:30 | Room # 7-152**

1. The Metahistorical Concept in Formation of Social-Ecological System Policy of the Russian Arctic  
**Nadezhda Kharlampeva** - Saint-Petersburg State University, Russia
2. Vulnerability, Knowledge, and Adaptation Strategies Regarding Climate Change in Siberia: Ongoing Research in the Oymyakon (Russia)  
**Vera Solovyeva** - George Mason University, USA
3. Marine Invasive Species Management: Adapting in the Arctic  
**Brooks Kaiser** - University of Southern Denmark, Denmark
4. Strategies to Address Marine Invasive Species in the Arctic: Bioeconomic Approaches  
**Linda Fernandez** - Virginia Commonwealth University, USA

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### BUILDING A NORTH PACIFIC BIOCULTURAL NETWORK TO PROMOTE SUSTAINABILITIES

RMET2

Chairs: **David Koester** - Department of Anthropology, University of Alaska Fairbanks, USA

**22 May, 16:00-17:30 | Room # 5-123**

**Thomas F. Thornton** - Environmental Change Institute, School of Geography and the Environment, University of Oxford, United Kingdom

1. Alaska Native Leaders and Natural Resource Management  
**Liza M. Mack** - University of Alaska Fairbanks, USA
2. Itelmen Connections – Historical Ties and Contemporary Linkages Up and Down and Across the Pacific  
**David Koester** - University of Alaska, USA  
on behalf of co-authors: **Viktoriya Petrasheva** - Kamchatka Branch, Pacific Ocean Geographical Institute, Russia; and **Tatiana Degai** - University of Arizona, USA
3. Building an International Human Ecodynamics Research Community in the Remote North Pacific from the Perspective of Archaeology and Paleoecology  
**Ben Fitzhugh** - University of Washington, USA

## COMMUNITY-BASED MONITORING OF SOCIAL CHANGE IN THE ARCTIC

RMET3

Chair: **Chris Southcott** - Sociology, Lakehead University, Canada

Program: ReSDA

### Part 1

24 May, 10:30-12:00 | Room # 7-158

1. Monitoring Demographic Changes in Light of Administrative Restructuring – The Case of Kujalleq Municipality in Greenland  
**Lisbeth Greve Harbo** - Nordregio, Sweden
2. Aspects Legitimacy in Political Decision Processes: Examples from Greenland  
**Klaus Georg Hansen** - University of Greenland, Greenland
3. Baffin Bay Oil Exploration and the Vulnerable Young Males of NW Greenland  
**Anne Merrild Hansen** - Aalborg University, Denmark

### Part 2

24 May, 15:00-16:30 | Room # 8-164

1. The Role of Cross-Border Cooperation in Regional Development – The Case Studies of Kiruna and Narvik  
**Anna Berlina** - Nordregio, Sweden
2. Collaborative Research in the Arctic: How to Address Community Concerns in a Changing Environment?  
**Sylvie Blangy** - CEFÉ, CNRS, France, France  
on behalf of co-authors: **Pierre Philie** – KRG (Kativik Regional Government), Canada; and **Monique Bernier** - INRS, Canada
3. The ReSDA E-Atlas, E-Library Prototype Design, and the Dissemination of Arctic Research for the ReSDA Community  
**Greg Finnegan** - SDC Software Inc. / Yukon College, Canada  
on behalf of co-author, **Peter Coates** - SDC Software, Canada

## DECOLONIZING METHODOLOGIES IN THE ARCTIC: CAPACITY BUILDING AND FORSTERING INDIGENOUS PARTICIPATION IN RESEARCH

RMET4

Chairs: **Barbara Bodenhorn** - Department of Social Anthropology, Cambridge University, United Kingdom

23 May, 13:15-14:45 | Room # 7-212

**Olga Ulturgasheva** - Scott Polar Research Institute, University of Cambridge, United Kingdom

1. The Development of Nunavut and the Sociological Imagination: Connecting the Personal and the Political  
**Barret Weber** - University of Alberta, Canada
2. “Anthropological Gaze” and Productive Points of Disorientation in Indigenous Research Methodology  
**Olga Ulturgasheva** - University of Cambridge, United Kingdom  
**Stacy Rasmus** - University of Alaska Fairbanks, USA
3. Teaching Without Borders; Learning Across Boundaries: An Exploration of Educational Alternatives in Northern Alaska and Southern Mexico  
**Barbara Bodenhorn** – Department of Social Anthropology, Cambridge University, United Kingdom

## ENGAGING NORTHERNERS – COMMUNITY BASED ENVIRONMENTAL MONITORING AND RESEARCH IN THE ARCTIC

RMET5

Chair: **Blanca Schorcht** - University of Northern British Columbia, Canada

**25 May, 09:00-10:30 | Room # 8-164**

1. Western Alaska Ice Berm Formation Using Community Observations  
**Laura Eerkes-Medrano** - Department of Geography, University of Victoria, Canada  
on behalf of co-authors: **David E. Atkinson** - Department of Geography, University of Victoria; **Hajo Eicken** - Geophysical Institute and International Arctic Research Center, University of Alaska at Fairbanks, USA; **Bill Nayokpuk** - Shishmaref, Alaska, USA; and **Harvey Sookiyak** - Shaktoolik, Alaska, USA
2. Dane-zaa Oral History: Why It's Not Hearsay  
presented by **Blanca Schorcht** - University of Northern British Columbia, Canada, on behalf of authors: **Robin Ridington** - UBC - UVic, Canada; and **Jillian Ridington** - Independent Researcher, Canada
3. An Assessment of Community Engagement Methodologies: Decolonizing Research Processes and Practices  
**Olga Yudina** - University of Waterloo, Canada  
on behalf of co-authors: **Bryan S. R. Grimwood** - University of Waterloo, Canada; and **Gita J. Ljubicic** - Carleton University, Canada

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### **SUPPORTING INDIGENOUS KNOWLEDGE AND NEW INDIGENOUS PARADIGMS IN SCIENCE**

**RMET6**

Chair: **Jon Rosales** - St. Lawrence University, USA

**23 May, 10:30-12:00 | Room # 7-212**

1. Building Relationships in the Arctic: Indigenous Communities and Scientists  
**Heather J. Gordon** - University of Wisconsin-Madison, USA
2. Obvious and Disruptive Climate Change in Northwestern Alaska  
**Jon Rosales** - St. Lawrence University, USA  
on behalf of co-author, **Jessica Chapman** - St. Lawrence University, USA
3. Participatory Video: Exploring Physical Activity in Northern First Nations Communities  
**Keren Tang** - University of Alberta, Canada  
**Community Wellness Program** - Yellowknives Dene First Nation, Canada  
**Cindy Jardine** - University of Alberta, Canada
4. A Sustainability Science Model: Conducting Research, Facilitating Learning, and Enhancing Community Adaptive Capacity  
**Cindy Fabbri** - University of Alaska Fairbanks, USA
5. Promoting Sustainable Knowledge through Collaboration: A Proposal for Information Sharing  
**Shannon Vossepoel** - Arctic Institute of North America, University of Calgary, Canada

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### **THE ROLE OF DATA MANAGEMENT IN ENHANCING RESEARCH AND POLICYMAKING FOR SUSTAINABILITY IN THE ARCTIC**

**RMET7**

Chairs: **Colleen Strawhacker** - National Snow and Ice Data Center, Cooperative

**23 May 13:15-14:45 | Room # 6-306**

Institute for Research in Environmental Science (CIRES), University of Colorado Boulder, USA

**Shari Gearheard** - National Snow and Ice Data Center, University of Colorado Boulder, USA

1. Monitoring Wild Resource Harvests: Accessibility of Harvest Data in Alaska  
**Davin Holen** - Division of Subsistence, Alaska Department of Fish and Game, USA
2. Effectively Managing Data from the Social Sciences: Challenges and Approaches to Making Social Science Data Accessible for the Long-Term  
**Colleen Strawhacker** - National Snow and Ice Data Center, University of Colorado Boulder, USA  
**Shari Gearheard** - National Snow and Ice Data Center, University of Colorado Boulder, USA  
on behalf of co-author, **Peter Pulsifer** - National Snow and Ice Data Center, University of Colorado Boulder, USA
3. Arctic Data Management Infrastructures and Knowledge Networks: A Role for Critical Social Science?  
**Noor Johnson** - Environmental Change Initiative, Brown University, USA  
on behalf of co-author, **Peter Pulsifer** - Exchange for Local Knowledge and Observations of the Arctic, National Snow and Ice Data Center, University of Colorado Boulder, USA
4. Arctic Social Science Data: Archiving and Visualization  
**Anna Kerttula de Echave** - US National Science Foundation, USA



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**USING SOCIAL NETWORK ANALYSIS TO UNDERSTAND ARCTIC SUSTAINABILITY****RMET8**Chairs: **John P. Ziker** - Boise State University, USA**25 May, 16:30-18:00 | Room # 6-205 / 211****Shauna BurnSilver** - Arizona State University, USA

1. Kin Provisioning, Risk Minimization, and Generosity in Indigenous Food Sharing Networks in the Siberian Arctic  
**John Ziker** - Boise State University, USA
2. Food Security in a "Social Economy": Sharing Networks and Country Food Access in Kangiqsujuaq, Nunavik  
**Elsbeth Ready** - Stanford University, USA
3. Quantifying Food Flows: Evaluating the Effects of Social Networks on Subsistence Food Distribution  
**James S. (Jim) Magdanz** - University of Alaska, USA  
**Shauna B. BurnSilver** - Arizona State University, USA  
on behalf of co-authors: **Gary P. Kofinas** - University of Alaska, USA; and **Rhian Stotts** - Arizona State University, USA
4. Social Networks and Cooperation in Mixed Cash-Subsistence Economies of Kamchatka and Alaska  
**Drew Gerkey** - Oregon State University, USA (pre-recorded video)

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**ARCTIC ENCOUNTERS: CONTEMPORARY TRAVEL/WRITING IN THE EUROPEAN HIGH NORTH****RMET9**Chair: **Lars Jensen** - Associate Professor, Roskilde University**26 May, 10:30-12:00 | Room # 6-307**

Program: HERA

1. Contemporary Travel Practices and Cultural Encounters in Postcolonial Greenland  
**Astrid Andersen** - Roskilde University, Denmark
2. Climate Change as Disaster or Icing on the Cake?  
**Lars Jensen** - Roskilde University, Denmark
3. Greenland: The White Archive of Science  
**Kirsten Hvenegård-Lassen** - Roskilde University, Denmark

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**BRINGING NORTHERN COMMUNITY NEEDS INTO THE ICARP III PROCESS THROUGH UARCTIC (PANEL)****RMET10**Chairs: **Lars Kullerud** - University of the Arctic**22 May, 11:15-12:45 | Room # 7-212****Chris Southcott** - Sociology, Lakehead University, Canada

Program: UArctic &amp; UCCARP

The University of the Arctic (UArctic) seeks the engagement of the Arctic social science research community in helping to identify research priorities that are important to northern communities for the 3rd International Conference on Arctic Research Planning (ICARP III) in 2015. UArctic has been asked by the organizers of ICARP III to help identify gaps in research planning - namely the interests and concerns of northerners themselves. This session will be an open discussion of the University of the Arctic Community Consultation on Arctic Research Planning (UCCARP) project. Presenters will discuss the different aspects of the consultation process in terms of both theoretical, ethical, and methodological issues.

1. The University of the Arctic Community Consultation on Arctic Research Planning (UCCARP) Project  
**Chris Southcott** - Lakehead University, Canada
2. Consulting Communities on research priorities in the NWT: The Aurora Institutes NWT Research Agenda Survey  
**Valoree Walker** - Yukon College, Canada
3. Consulting with Arctic Communities about Research Priorities: Problems and Benefits  
**Birger Poppel** - Ilisimatusarfik, Grønlands Universitet, Greenland



## URBAN / COMMUNITY SUSTAINABILITY (UCSU)

### ARE WE ADAPTING: ARCTIC COMMUNITIES UNDER STRESS OR ON THE PATH TO SUSTAINABILITY? UCSU1

Chairs: **Grete Kaare Hovelsrud** - Nordland Research Institute, Norway      **22 May, 15:30-17:00 | Room # 6-205 / 211**

**Tristan Pearce** - Sustainability Research Centre, Faculty of Arts and Business,  
University of the Sunshine Coast Queensland, Australia

**Halvor Dannevig** - Vestlandsforskning (Western Norway Research Institute), Norway

1. Adaptation to Climate Change Across the Circumpolar North  
**Tristan Pearce** - University of the Sunshine Coast / University of Guelph, Canada  
**Halvor Dannevig** - Vestlandsforskning (Western Norway Research Institute), Norway  
**Grete Hovelsrud** - Nordlandsforskning - Nordland Research Institute, Bodø, Norway, Norway
2. Assessing Adaptive Capacity to Changes in Ecosystem Services in Northern Regions in Norway and Sweden  
**Halvor Dannevig** - Vestlandsforskning (Western Norway Research Institute), Norway  
**Ingrid Bay-Larsen** - Nordland Research Institute,  
**E. Carina H. Keskitalo** - Umeå University, Sweden  
on behalf of co-author, **Bob van Oort** – CICERO Centre for Climate and Environmental Research, Norway
3. Defining and Measuring Community Adaptive and Transformative Capacity in the Arctic Context  
**Matthew Berman** - University of Alaska Anchorage, USA  
**Shauna BurnSilver** - Arizona State University, USA  
on behalf of co-authors: **Gary Kofinas** - University of Alaska Fairbanks, USA; and **Chanda Meek** - University of Alaska Fairbanks, USA
4. Well-being in Adapting to a Changing North  
**Helene Amundsen** - CICERO Centre for Climate and Environmental Research, Norway  
**Grete K. Hovelsrud** - Nordland Research Institute, Norway
5. Responding to Arctic Environmental Change: Translating Our Growing Understanding into a Research Agenda for Action  
**Shari Gearheard** - National Snow and Ice Data Center, University of Colorado Boulder, USA  
**Lize-Marié Van der Watt** - International Study of Arctic Change, Swedish Polar Research Secretariat, Sweden  
on behalf of co-authors: **Maribeth Murray** - Arctic Institute of North America, University of Calgary, Canada; **Hajo Eicken** - International Arctic Research Center, University of Alaska Fairbanks, USA; **Brigitta Evengård** - Umeå University, Sweden; **Craig Gerlach** - University of Calgary, Canada; **Peter Schlosser** - The Earth Institute, Columbia University, USA; **Martin Sommerkorn** - Global Arctic Programme, WWF; and **Sandy Starkweather** - National Oceanic and Atmospheric Administration, Boulder, CO, USA

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### BETWEEN TRADITION AND MODERNITY IN INDIGENOUS REGIONS OF THE CIRCUMPOLAR NORTH UCSU2

Chair: **Tor A. Gjertsen** - UiT/The Arctic University of Norway      **24 May, 10:30-12:00 | Room # 5-123**

1. Emerging Identities: Mixed Messages and Ironies Indigenous Youth in Northern Canada  
**Trudy Sable** - Saint Mary's University, Canada
2. Changes in Forest Yukagirs' Traditional Nature Use, 1997-2013: Local Views  
**Antonina N. Savvinova** - M. K. Ammosov North-Eastern Federal University, Yakutsk, Russia  
**Viktorya Filippova** – Institute of Humanitarian Research and Problems of Indigenous Peoples of the North, Siberian Branch, Russian Academy of Science  
**Gail Fondahl** - University of Northern British Columbia, Canada  
on behalf of co-authors: **Olga Lazebnik** - St. Petersburg State University, Saint-Petersburg, Russia; and **Greg Poelzer** - University of Saskatchewan, Canada
3. Restoring Human-Reindeer Relations in the Alaska Peninsula: Challenges and Prospects  
**Patrick Plattet** - University of Alaska Fairbanks, USA  
**Amber Lincoln** - University of Alaska Fairbanks, USA

## BUILDING A NEW NORTH: THE CASE OF NORTHERN SASKATCHEWAN (PANEL)

UCSU3

Chair: **Ken Coates** - International Centre for Northern Governance,  
University of Saskatchewan, Canada

22 May, 11:15-12:45 | Room # 5-176

This panel examines the processes of socio-economic transformations underway in northern Saskatchewan, focusing on four key elements in a comprehensive, multi-partner effort to revitalize and stabilize cultural, economic and social conditions in the region. The panelists will describe efforts underway to change the economic trajectory in the North, primarily through greater participation in the resource and traditional economies, including Indigenous business development, investments in regional infrastructure, education and professional development, impact and benefit agreements with resource companies, Aboriginal self-government and regional political reform, and coordinated regional planning. The panel will also introduce the Northern Saskatchewan Human Development Project, which is designed to establish a socio-economic base-line for the region as the foundation for a longitudinal study of the impact and effectiveness of organizational, regional and public policy changes.

Panel Members:

1. **Ken Coates** – International Centre for Northern Governance, University of Saskatchewan, Canada
2. **Bonita Beatty** - International Centre for Northern Governance, University of Saskatchewan, Canada
3. **Gary Maresty** - President and CEO, Des Nedhe Developments, Canada
4. **Vice Chief Dwayne Lasas** - Meadow Lake Tribal Council, Canada

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## DESIGNING AND BUILDING SUSTAINABLE NORTHERN COMMUNITIES: NEW APPROACHES AND OPPORTUNITIES

UCSU4

Chairs: **Tom Sheldon** - Environment Division, Nunatsiavut Government, Canada  
**Christina Goldhar** - Nunatsiavut Government, Canada

23 May, 13:15-14:45 | Room # 7-150

1. A Creative Alternative: Escaping the Trap of Absolute Natural Resource Dependency in Small Urbanized Communities in the Arctic  
**Bright Dale** - Norland Research Institute, Norway
2. Building Frameworks for Building Sustainable Communities – An Example from Nunatsiavut, Northern Labrador  
**Rudolf (Rudy) Riedlsperger** - Memorial University of Newfoundland, Canada; on behalf of co-author: **Trevor Bell** - Memorial University of Newfoundland, Canada
3. An Affordable, Secure Heating Source is a Fundamental Requirement for Healthy Homes in Nunatsiavut  
**Christina Goldhar** - Nunatsiavut Government, Canada  
**Tom Sheldon** - Nunatsiavut Government, Canada  
on behalf of co-authors: **Trevor Bell** - Memorial University, Canada; and **Isabella Pain** - Nunatsiavut Government, Canada
4. Strategies for Sustainable Urban Development in the Arctic Region  
**Kjell Nilsson** - Nordregio (Nordic Centre for Spatial Development), Sweden  
**Ryan Weber** - Nordregio (Nordic Centre for Spatial Development), Sweden  
**Rasmus Ole Rasmussen** - Nordregio (Nordic Centre for Spatial Development), Sweden

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## INTERNATIONALIZING THE ARCTIC

UCSU5

Chairs: **Tim Heleniak** - George Washington University, USA  
**Aileen A. Espiritu** - The Barents Institute, Faculty of Humanities, Social Sciences, and  
Education, UiT The Arctic University of Norway, Norway

23 May, 10:30-12:00 | Room # 6-307

Program: Norwegian Research Council-ARCSUS

1. International Migration in the Arctic  
**Timothy Heleniak** - George Washington University, USA
2. Measures of Sustainability: Urban Life in the Arctic  
**Aileen A. Espiritu** - Barentsinstituttet / The Barents Institute, HSL-Fak / Faculty of Humanities, Social Sciences, and  
Education, UiT Norges Arktiske Universitet / UiT The Arctic University of Norway, Norway

3. Arctic Cities in Move: The Case of Oil & Gas Towns in Western Siberia  
**Yvette Vaguet** - CNRS-UMR I.D.E.E.S., University of Rouen, France  
 on behalf of co-authors: **Anna Derkatcheva** - Laboratory of Aerospace Methods, Faculty of Geography, Moscow State University, Russia; **Celine Colange** - CNRS-UMR I.D.E.E.S., University of Rouen, France; **Olga Tutubalina** - Laboratory of Aerospace Methods, Faculty of Geography, Moscow State University, Russia; and **Philippe Jeanne** - CNRS-UMR I.D.E.E.S., University of Rouen, France
4. Urbanization as an Effect of Internationalization and Resource Development  
**Anna Karlsdóttir** - University of Iceland, Iceland  
**Sören Bitsch** - University of Roskilde,

## NO ISLAND IS AN ISLAND?

UCSU7

Chairs: **Helena Ruotsala** - European Ethnology, University of Turku, Finland  
**Kirsi Sonck** - European Ethnology, University of Turku, Finland

24 May, 15:00-16:30 | Room #6-306

1. The Faroese Labour Market: The View From Newfoundland and Labrador  
**Bui Petersen** - Memorial University of Newfoundland, Canada  
**Gordon B. Cooke** - Memorial University of Newfoundland, Canada
2. What Ice Can Tell Us?  
**Helena Ruotsala** - University of Turku, Finland
3. Socio-Cultural Resilience and Adaptive Capacity  
**Kirsi Sonck** - University of Turku, Finland

## RESOURCE DEVELOPMENT AND URBAN SUSTAINABILITY

UCSU8

Chair: **Aileen A. Espíritu** - The Barents Institute, Faculty of Humanities, Social Sciences, and Education, UiT The Arctic University of Norway, Norway  
 Program: Norwegian Research Council-ARCSUS

25 May, 09:00-10:30 | Room # 8-166

1. Young People as 'City Flaneurs' – Living Cittáslow or Urbanfast?  
**Jette Rygaard** - Ilisimatusarfik, University of Greenland, Greenland
2. Salla, Finland "In the Middle of Nowhere": Local Community, Socially Sustainable Development and Cross-Border Cooperation  
**Hanna Lempinen** - Arctic Centre, University of Lapland, Finland  
**Monica Tennberg** - Arctic Centre, University of Lapland, Finland
3. Negotiating Arctic Urban Space  
**Torill Nyseth** - UiT, The Norwegian University of the Arctic, Norway
4. The Dislocation of Indigenous Women From 'The Land': The Downside of the Lower Churchill Hydro-Electric Development Labrador, Canada  
**Gail Baikie** - Dalhousie University, Canada

## ROADS AND DEVELOPMENT IN THE NORTH

UCSU9

Chairs: **Tatiana Argounova-Low** - Department of Anthropology, University of Aberdeen, United Kingdom

25 May, 16:30-18:00 | Room # 6-305

1. Alaska Highway: Beyond the Gravel Magnet?  
**Julie Cruikshank** - University of British Columbia, Canada
2. Rádjelbálges is an Historic Road / Trail Between Sörfjorden in Norway and Ritsem in Sweden: A Description of a Historic Trail in the Lulesami Area, that has been Used since Ancient Times and is Still Used Today  
**Lis-Mari Hjortfors** - Ethnologist, Árran Lulesami center, Norway

3. Biography of the M56 Road  
**Tatiana Argounova-Low** - University of Aberdeen, United Kingdom  
on behalf of co-author: **Mikhail Prisyazhniy** - North Eastern Federal University, Russia
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### SUSTAINABILITY, KNOWLEDGE AND HUMAN CAPITAL IN THE ARCTIC

UCSU10

Chairs: **Rasmus Gjedssø Bertelsen** - Department of Culture and Global Studies, CIRCLA, Aalborg University, Denmark      **26 May, 10:30-12:00 | Room # 8-166**

**Andrey Petrov** - Department of Geography, University of Northern Iowa, USA

Program: AHDR

1. Intersections Between Education and Sustainability: An Arctic Case Study  
**Jeni Henrickson** - University of Minnesota, USA  
on behalf of co-author, **Aaron Doering** - University of Minnesota, USA
  2. From Creativity to Sustainability: Knowledge Economy and Human Capital in the Arctic  
**Andrey N. Petrov** - University of Northern Iowa, USA
  3. The Development of Icelandic Higher Education from Independence Politics and State-building to Globalized Digital Learning in Small Communities  
**Rasmus Gjedssø Bertelsen** - Aalborg University, Denmark
  4. The Hunting Profession – A Socio-scientific Analysis & Discussion  
**Naja Carina Steenholdt** - University of Greenland, Greenland
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### SUSTAINABLE DEVELOPMENT OF ARCTIC COMMUNITIES

UCSU11

Chair: **Birger Poppel** - Project Chief, SLiCA, Ilisimatusarfik, Grønlands Universitet / University of Greenland, Greenland      **26 May, 13:00-14:30 | Room # 6-205 / 211**

**Ulrik Jørgensen** - Aalborg University, Denmark

1. The Arctic Goes Urban: Population Concentration within Arctic Regions  
**Timothy Heleniak** - George Washington University, USA
  2. Management of Living Resources as a Key Factor in the Settlement Patterns  
**Ulrik Jørgensen** - Aalborg University, Denmark  
on behalf of co-author, **Kåre Hendriksen** - Technical University of Denmark, Arctic Technology Centre, Denmark
  3. Settlement Patterns and Sustainability  
presented by **Birger Poppel** on behalf of author, **Kåre Hendriksen** - Technical University of Denmark, Arctic Technology Centre, Denmark
  4. Internal Migration To and From Greenland's Settlements  
**Birger Poppel** - Ilisimatusarfik, Grønlands Universitet, Greenland
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