



United Nations
Educational, Scientific and
Cultural Organization



Section for Small Islands and
Indigenous Knowledge

International workshop
Global Change in the Arctic and Co-production of Knowledge
27 to 29 September 2012, Paris, France

Co-organized by
Marie Roué, MNHN/CNRS and Douglas Nakashima, UNESCO

AGENDA

Day 1 - Thursday 27 September

Rapporteur: Samuel Roturier, Agroparistech and Anna Degteva, UArctic EALAT Institute

2:00 to 2:30 pm

Opening Session

Chair: Doug Nakashima, UNESCO

- **Gilles Boeuf, Président, Muséum national d'Histoire naturelle**
- **Gretchen Kalonji, Assistant Director General for the Natural Sciences, UNESCO**
- **Mikhail Pogodaev, World Reindeer Herder's Association**

Setting the Scene: Introduction and meeting objectives

2:30 to 3:00 pm

Knowledge co-production: approaches, actors, methods, relationships and outcomes

Marie Roué, MNHN/CNRS and Doug Nakashima, UNESCO

3:00 to 3:30 pm - Discussion on meeting objectives and outcomes

3:30 to 3:45 pm - Coffee/tea

Lessons learned from Community-based Observatories – Part 1

Chair: Jean-Claude Gascard, LOCEAN, CNRS

- Presentation of select case studies highlighting knowledge co-production in community-based Arctic observing systems

3:45 to 4:15 pm - **Keynote**

Successful and Purposeful Merging of Social Sciences and Physical Sciences: A collaboration on Arctic Environmental Change

Betsy Weatherhead, Senior Scientist, University of Colorado Boulder, USA

4:15 to 4:35 pm

IPY EALAT Climate Change & Circumpolar Reindeer Husbandry: 5 years of knowledge coproduction

Svein D. Mathiesen, UArctic EALAT Institute, International Centre for Reindeer Husbandry, Kautokeino, Norway

4:35 to 5:00 pm – Discussion of presentations

Day 2 - Friday 28 September

Rapporteurs: Noor Johnson, ICC, and Samuel Roturier, Agroparistech

Lessons learned from Community-based Observatories – Part 2

Co-Chairs: Chris Southcott, Lakehead University, and Chief Dora Enzoe

9:30 to 10:00 am

Caribou Co-management in northern Canada: complementarity and controversy between science and traditional knowledge

Brenda Parlee and Chief Dora Enzoe, U. Alberta, Edmonton, Canada

10:00 to 10:20 am

Knowledge co-production and the future of reindeer husbandry in Russia

Mikhail Pogodaev, World Reindeer Herders' Association, Saint-Petersburg, Russia

10:20 to 10:35 am - Coffee/tea

10:35 to 11:00 am

Sámi reindeer herding and the forestry sector in boreal Sweden: needs and benefits of knowledge coproduction.

Marie Roué, CNRS-MNHN & Samuel Roturier, Agroparistech, Paris, France

11:00 to 11:20 am

From the Frontlines: Reindeer herders confronting change in Yamal, Russia and northern Norway

Anna Degteva, UArctic EALAT Institute, and Ravná Berit Marie Eira, Tromsø University/Sami University-College, Kautokeino, Norway

11:20 to 12:00 – Discussion of presentations

12:00 to 1:30 pm - Lunch at the Museum Canteen

Lessons learned from Community-based Observatories – Part 3

Co-Chairs: David Hik, SAON, and Igor Krupnik, Smithsonian Institution

1:30 to 1:50 pm

Match and Mismatch in the Co-Production of Knowledge about the Bering Sea

Henry P. Huntington, Eagle River, Alaska, USA

1:50 to 2: 10 pm

Deconstructing Arctic Science to build true knowledge co-production for community monitoring

Chris Southcott, ResDA Project, Lakehead University, Thunder Bay, Canada

2:10 to 2:30 am – Discussion of presentations

2:30 to 3:30 pm

General Debate on ‘Lessons learned from Community-based Observatories’

3:30 to 3:45 pm - Coffee/tea

Actors and Life Histories

Chair: Marie Roué, CNRS/MNHN

- Agency and roles of indigenous and non-indigenous actors who create the conditions for knowledge co-production
- Institutional histories that create supportive contexts and open up opportunities
- Relations of power/politics of recognition/repression

3:45 to 4:15 pm

Facilitating knowledge co-production in the Arctic: Transforming individual and institutional approaches

Noor Johnson, ICC, Ottawa, Canada & Shari Gearheard, geographer/research scientist, Kangiqtugaapik, Nunavut, Canada & National Snow and Ice Data Center, University of Colorado, Boulder, USA

4:15 to 4:35 pm

Opportunities for knowledge co-production in Alaska’s coastal Arctic: Addressing divergent challenges through communities of practice

Matthew L. Druckenmiller, National Snow and Ice Data Center, University of Colorado Boulder, USA

4:35 to 5:00 pm – Discussion

7 PM – Dinner at ‘Le Jardin des Pâtes’, 4, rue Lacépède (metro Jussieu)
10 min walk from the meeting venue

Day 3 - Saturday 29 September

Rapporteurs: Mathew Druckenmiller, U. Colorado Boulder, and Ravnna Berit Marie Eira, Tromsø University/Sami University-College

Epistemologies

Co-Chairs: Betsy Weatherhead, University of Colorado Boulder, and Henry Huntington, Alaska

- Does co-production resolve and allow us to move beyond existing paradigms (TEK vs science, participatory approaches ...)
- Does it open new avenues for reflection? Does it lead to practical outcomes? Or political opportunities?
- What are the risks?

9:30 to 10:00 am - **Keynote**

Breaking the (Second) Glass Ceiling in Indigenous Monitoring of Arctic Change: A Roadmap?

Igor Krupnik, Arctic and Northern Curator, Smithsonian Institution, Washington, USA

10:00 to 10:20 am

Global change among Siberian Tungus: methods, risks and advantages in community-based observatories and co-production of knowledge

Alexandra Lavrillier, Associate Professor, European Centre for the Arctic/ OVSQ /University of Versailles, France

10:20 to 10:35 am - Coffee/tea

10:35 to 10:50 – Discussion of presentations

10:50 to 11:50 am

General debate on ‘Epistemologies’

12:00 Lunch at ‘La Mosquée de Paris’

Networking among community-based observatories and with regional science-based systems

Co-Chairs: Shari Gearheard, University of Colorado, and Svein Mathiesen, UArctic – EALAT Institute

2:00 to 2:20 pm

Knowledge Co-Production and Information and Communications Technology

Peter L. Pulsifer, Exchange for Local Observations and Knowledge of the Arctic (ELOKA), National Snow and Ice Data Center, University of Colorado Boulder, USA

2:20 to 2:40 pm

Connecting community-based and regional scientific observing systems: A challenge for SAON

David Hik, vice-Chair of SAON, and Professor, Department of Biological Sciences, University of Alberta, Edmonton, Canada

2:40 to 3: 15 pm – Discussion of presentations

3:15 to 3:30 pm - Coffee/tea

3:30 to 4:30 pm

General debate on Arctic Observing Systems – where do we go from here?

4:30 to 6:00 pm

Outputs and Follow-up

Agreement on outputs, next steps and schedule

Co-Chairs: Marie Roué and Doug Nakashima

6:30 pm – Wine & cheese at the Department ‘Hommes, Natures, Sociétés’, MNHN