

# Conference Agenda



## Monday, August 22: Day 1 Seminars

Time	Session and Location
8:00-9:00	Registration and breakfast – Tom Eagle Memorial Hall, Tree of Peace Friendship Centre
9:00-12:00	<b>Seminar 1 – Indigenous Talking Circle</b> Facilitated by <i>D. Beaulieu and W. Bezha</i> Tom Eagle Memorial Hall, Tree of Peace
	<b>Seminar 2 – Wildlife Necropsy and Health/Condition Sampling Techniques</b> Facilitated by <i>B. Elkin and J. Harms</i> North Slave Region Lab
	<b>Seminar 3 – Conservation Education</b> Facilitated by <i>S. Yuill</i> Room 205, Northern United Place
	<b>Seminar 4 – Caribou demographic modeling session</b> Facilitated by <i>J. Boulanger</i> Basement boardroom, Scotia Centre
12:00-1:00	Lunch (provided) – Tom Eagle Memorial Hall, Tree of Peace
1:00-4:00	<b>Seminar 1 – Indigenous Talking Circle</b> Facilitated by <i>D. Beaulieu and W. Bezha</i> Tom Eagle Memorial Hall, Tree of Peace
	<b>Seminar 2 – Wildlife Necropsy and Health/Condition Sampling Techniques</b> Facilitated by <i>B. Elkin and J. Harms</i> North Slave Region Lab
	<b>Seminar 3 – Conservation Education</b> Facilitated by <i>S. Yuill</i> Room 205, Northern United Place
	<b>Seminar 4 – Caribou demographic modeling session</b> Facilitated by <i>J. Boulanger</i> Basement boardroom, Scotia Centre
4:00-6:30	Dinner (on your own)
6:30-10:00	Registration and Evening Social (cash bar) – Tom Eagle Memorial Hall, Tree of Peace <i>Tentative: Presentation of “Voices of the Caribou People” and other videos</i>

## Tuesday, August 23

Time	Session and Location
7:30-8:30	Registration and breakfast – Explorer Hotel
<b>Opening Prayer, Welcoming Remarks, and Panel/Plenary Session – Katimavik Room, Explorer Hotel</b>	
8:30-9:15	Opening Prayer and Welcoming Remarks Chair: <i>R. Charlie</i>
9:15-9:30	Arctic Ungulate Society <i>A. Blix</i>
9:30-10:30	Plenary Session: What are the challenges of managing caribou and reindeer? <i>D. Russell and J. Tetlich</i>
10:30-10:50	Health Break – Explorer Hotel
10:50-4:30	Panel Session: Circumpolar Comparison of Caribou and Reindeer Management Chairs: <i>D. Russell, J. Tetlich</i>  10:50-11:40: Russia – L. Kolpashikov, I.M. Okhlopkov, A. Degteva 11:40-12:10: Norway – C. Nellemann 12:10-1:10: Lunch (catered) 1:10-1:40 : Greenland – C. Cuyler 1:40-2:10: Alaska – R. Boertje 2:10-2:30: Canada: Arctic Archipelago – D. Jenkins 2:30-2:50: Canada: Taiga and Tundra – S. Fleck 2:50-3:10: Canada: Southern Boreal – J. Ray 3:10-3:30: Health Break 3:30-4:00: Trends and Patterns observed across the Circumpolar – J. Tetlich and D. Russell 4:00-4:30: General discussion and final comments – R. Charlie
4:30-6:00	Dinner (on your own)
6:00-9:00	<b>Poster Session</b> Large Boardroom, Tree of Peace
7:00-10:00	<b>Storytelling Session – The Importance of Arctic Ungulates to Northern People (session open to delegates and the public)</b> Hosted by <i>P. Andrew</i> Tom Eagle Memorial Hall, Tree of Peace

## Wednesday, August 24

Time	Session and Location	
7:30-8:30	Registration and breakfast – Explorer Hotel	
8:30-5:00	Indigenous Talking Circle – Tom Eagle Memorial Hall, Tree of Peace	
	<b>Session 1A: Health and Disease</b> <b>Chair: A. Gunn</b> <b>Katimavik A, Explorer Hotel</b>	<b>Session 1B: Management 1</b> <b>Chair: J. Nishi</b> <b>Katimavik B, Explorer Hotel</b>
8:30-8:50	Gastrointestinal parasite diversity: drivers and relation to host health in two West Greenland caribou herds <i>J. Steele</i>	The Newfoundland caribou strategy: science and management for a declining population <i>S.P. Mahoney</i>
8:50-9:10	Lymphocyte development in captive Alaskan reindeer ( <i>Rangifer tarandus</i> ) <i>Z. Purtzer</i>	Taking care of caribou: management planning process for the Cape Bathurst, Bluenose-West and Bluenose-East caribou herds <i>J. Snortland-Pellissey</i>
9:10-9:30	Infectious keratoconjunctivitis in semi-domesticated reindeer ( <i>Rangifer tarandus tarandus</i> ) – chasing causative agents <i>M. Tryland</i>	Decline and harvest management of the Bathurst caribou herd – a collaborative approach in a time of crisis <i>K. Garner</i>
9:30-9:50	Circum-arctic presence of Mycobacterium avium subspecies paratuberculosis in caribou ( <i>Rangifer tarandus</i> ) herds <i>T. Forde</i>	Inuvialuit management of caribou in a state of decline: an example of effective co-management <i>F. Pokiak</i>
9:50-10:10	Health impacts of the deer ked ( <i>Lipoptena cervi</i> ) on reindeer ( <i>Rangifer tarandus tarandus</i> ) in Finland <i>S-M. Kynkäänniemi</i>	Shifting targets in the tundra: are calving grounds of migratory caribou really protected? <i>J. Tailon</i>
10:10-10:25	Health Break	

## Wednesday, August 24

Time	Session and Location	
	<b>Session: 2A Range and Habitat</b> <b>Chair: C. Johnson</b> <b>Katimavik A, Explorer Hotel</b>	<b>Session 2B: Management 2</b> <b>Chair: J. Nishi</b> <b>Katimavik B, Explorer Hotel</b>
10:25-10:45	Fall habitat and diet selection of reindeer on the Seward peninsula, Alaska <i>L. Davis</i>	Conservation of wild reindeer ( <i>Rangifer tarandus</i> sp) in southern Norway: transiting from a harvest to a landscape oriented management system <i>O. Strand</i>
10:45-11:05	Seasonal resource selection by the Teshekpuk Caribou Herd <i>R. Wilson</i>	Taimyr Peninsula: Ecosystem: reindeer-pastures-man <i>L. Kolpashikov</i>
11:05-11:25	Modifications of migration patterns of caribou in northern Québec-Labrador during the last two decades <i>M. Le Corre</i>	Rapid predator population growth endangers Fennoscandian reindeer husbandry, <i>Ö. Dannel</i>
11:25-11:45	Phenology of mosquito activity within summer ranges of North Slope caribou herds in Alaska <i>A. Bali</i>	Vulnerability and adaptive capacity of a coastal reindeer pasture district in northern Norway <i>K. Hansen</i>
11:45-12:05	Wildfire, habitat and harvesters – understanding the distribution of Bathurst caribou during winter <i>C. Johnson</i>	
12:05-1:05	Lunch (provided) – Tom Eagle Memorial Hall, Tree of Peace	

Time	Session and Location	
	<b>Session 3A: Behaviour, Genetics and Evolution</b> <b>Chair: M. Musiani</b> <b>Katimavik A, Explorer Hotel</b>	<b>Session 3B: Status and Population Ecology</b> <b>Chair: T. Hegel</b> <b>Katimavik B, Explorer Hotel</b>
1:05-1:25	Caribou genetic diversity in western North America: implications for hunting and conservation planning <i>B. Weckworth</i>	Rise and crash in two migratory caribou herds in northern Québec and Labrador <i>S. Courturier</i>
1:25-1:45	Rangifer mating system – revisited <i>Ø. Holand</i>	Dealing with uncertainty in management of declining herds of migratory tundra caribou: an evaluation of evidence and implications for the decline of the Beverly caribou herd in northern Canada <i>J. Adamczewski</i>
1:45-2:05	Carry-over effects of raising a son in wood bison ( <i>Bison bison athabasca</i> ) <i>A. Massolo</i>	A data-driven demographic model to explore the decline of the Bathurst caribou herd <i>J. Boulanger</i>
2:05-2:25	Using allometry to infer age- and sex-specific resource allocations towards antlers in reindeer ( <i>Rangifer tarandus</i> ) <i>N. Melnycky</i>	Post-calving photo surveys and extrapolated calving photo surveys for barren-ground caribou: a comparison from the Bluenose-East herd in June and July 2010 <i>J. Adamczewski</i>
2:25-2:45	Foraging time and activity budget of rutting male reindeer: influence of individual characteristics, period and group composition <i>R. Weladji</i>	Geographical and changing abundance influences on winter, pre-calving and calving distribution of a continental caribou herd <i>A. Gunn</i>
2:45-3:05	Influence of dam information on selection practices in reindeer <i>K. Muuttoranta</i>	Dolphin and Union caribou herd status <i>M. Dumond</i>
3:05-3:20	Health Break	

Time	Session and Location	
	<b>Session 4A: Predators and Prey</b> <b>Chair: R. Boertje</b> <b>Katimavik A, Explorer Hotel</b>	<b>Session 4B: Disturbance and Climate Change</b> <b>Chair: C. Nelleman</b> <b>Katimavik B, Explorer Hotel</b>
3:20-3:40	Mortality of the semi-domesticated reindeer ( <i>Rangifer tarandus tarandus</i> L.) calves in the Finnish reindeer-herding area <i>M. Nieminen</i>	Evidence of a non-linear response to anthropogenic disturbances: a case study with woodland caribou in a highly managed landscape <i>D. Beaudouin</i>
3:40-4:00	CSI Newfoundland: molecular determination of caribou calf predators <i>M. Mumma</i>	Estimating the zone of influence of mine areas and industrial developments on barren ground caribou distribution <i>J. Boulanger</i>
4:00-4:20	The effects of predation on a declining population of mainland migratory barren-ground caribou ( <i>Rangifer tarandus groenlandicus</i> ) in the vicinity of Qamanirjuaq Lake, Nunavut <i>M. Awan</i>	Impacts of industrial development and climate change on Nenets reindeer herders in Yamal Peninsula, Russia <i>A. Degteva</i>
4:20-4:40	Managing moose-caribou-wolf-bear systems in Alaska <i>R. Boertje</i>	Stressed caribou in disturbed landscapes: using hair to track the physiological burden of man-made forest alterations <i>L. Renaud</i>
4:40-5:00		Sea ice and migration of the Dolphin and Union Caribou Herd in the Canadian arctic: an uncertain future <i>K. Poole</i>
5:15-6:00	Arctic Ungulate Society Business Meeting – Cumberland Room, Explorer Hotel	
6:30-11:00	Evening Banquet – Katimavik Room, Explorer Hotel	

Time	Session and Location	
7:30-8:30	Registration and breakfast – Explorer Hotel	
	<b>Concurrent Sessions – Explorer Hotel</b>	
	<b>Session 5A: Integrating Traditional Knowledge into Management</b> <b>Chair: R. Charlie</b> <b>Katimavik A, Explorer Hotel</b>	<b>Session 5B: Nutrition and Physiology</b> <b>Chair: P. Barboza</b> <b>Katimavik B, Explorer Hotel</b>
8:30-10:30	8:30-8:50 Key Note Speaker – Timmikut, tarnikkut anersaakkullu – Inuit knowledge. <i>K. Williamson</i>	8:30-8:50 Reproductive pauses and extended lactation in musk-oxen <i>B. White</i>
	8:50-10:20 Case Studies (15 minutes each) 1. Integrating Traditional Knowledge (TK) into wildlife management through the co-management process, <i>L. Carpenter</i> 2. Using participatory action methods for long-term management planning for a population of Arctic tundra caribou, <i>M. Ferguson</i> 3. The effects of development on barren-ground caribou according to Inuit Qaujimajatuqangit, <i>N. Thorpe</i> 4. Traditional Knowledge in reindeer herding in Russia, <i>D. Khorolia</i> 5. Aboriginal caribou management through Traditional Ecological Knowledge and partnerships, <i>T. Giroux</i> 6. A comparison of traditional ecological knowledge and Western science woodland caribou habitat models in support of caribou recovery, <i>J. Polfus</i>	8:50-9:10 The long days of spring stimulate appetite in reindeer <i>K. Stokkan</i>
		9:10-9:30 Isotopic indicators of protein dynamics in wintering reindeer, caribou and musk-oxen <i>P. Barboza</i>
		9:30-9:50 Body condition in a declining West Greenland caribou population <i>C. Cuyler</i>
		9:50-10:10 How do reindeer populations manipulate their own food supply? <i>H. Prouillet-Leplat</i>
		10:10-10:30 Experimental reduction of food quality is not compensated with increased food intake in musk-oxen <i>A. Blix</i>
10:20-10:30 First round of questions		
10:30-10:45	Health Break	

Time	Session and Location									
	<b>Special Session 5A: Integrating Traditional Knowledge into Management, continued</b> <b>Chair: R. Charlie</b> <b>Katimavik A, Explorer Hotel</b>	<b>Session 5C: Health and Disease 2</b> <b>Chair: B. Elkin</b> <b>Katimavik B, Explorer Hotel</b>								
10:45-12:05	10:45-11:30 Panel Discussion <i>K. Williamson, F. Pokiak, W. Bezha, J. Nagy, G. Kofinas</i>  11:30-12:05 Question and Answer Period	<table border="1"> <tr> <td data-bbox="855 470 1036 705">10:45-11:05</td> <td data-bbox="1040 470 1421 705">Community interviews contribute to our knowledge of caribou: an analysis by the Arctic Borderlands Ecological Knowledge Coop <i>D. Russell</i></td> </tr> <tr> <td data-bbox="855 711 1036 873">11:05-11:25</td> <td data-bbox="1040 711 1421 873">Disease in barren-ground caribou: serology in a period of widespread herd declines <i>P. Curry</i></td> </tr> <tr> <td data-bbox="855 879 1036 1083">11:25-11:45</td> <td data-bbox="1040 879 1421 1083">To snail or not to snail? – Modeling the impact of climate change on two arctic parasites with contrasting life histories <i>P. Molnár</i></td> </tr> <tr> <td data-bbox="855 1089 1036 1360">11:45-12:05</td> <td data-bbox="1040 1089 1421 1360">Demographic effects of an outbreak of <i>Brucella suis</i> on island bound barren-ground caribou (<i>Rangifer tarandus groenlandicus</i>) on Southampton Island, Nunavut <i>M. Campbell</i></td> </tr> </table>	10:45-11:05	Community interviews contribute to our knowledge of caribou: an analysis by the Arctic Borderlands Ecological Knowledge Coop <i>D. Russell</i>	11:05-11:25	Disease in barren-ground caribou: serology in a period of widespread herd declines <i>P. Curry</i>	11:25-11:45	To snail or not to snail? – Modeling the impact of climate change on two arctic parasites with contrasting life histories <i>P. Molnár</i>	11:45-12:05	Demographic effects of an outbreak of <i>Brucella suis</i> on island bound barren-ground caribou ( <i>Rangifer tarandus groenlandicus</i> ) on Southampton Island, Nunavut <i>M. Campbell</i>
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12:05-1:05	Lunch (provided) – Tom Eagle Memorial Hall, Tree of Peace									
1:05-2:45	Indigenous Talking Circle – Tom Eagle Memorial Hall, Tree of Peace									

Time	Session and Location		
	<b>Concurrent Sessions – Explorer Hotel</b>		
	<b>Session 6A: Circum-Arctic Rangifer Monitoring and Assessment (CARMA)</b> Chair: R. Charlie Katimavik A, Explorer Hotel	<b>Session 6B: Health and Disease 3</b> Chair: B. Elkin Katimavik B, Explorer Hotel	
1:05-2:45	CARMA: Current Status and Next steps (15 minutes each) <ol style="list-style-type: none"> <li>1. Introduction to CARMA – Origins, goals and accomplishments, <i>D. Russell</i></li> <li>2. CARMA, communities and education – an overview of tools and resources developed through International Polar Year, <i>S. Kutz</i></li> <li>3. CARMA’s integrative modeling: development and application of an energy/protein model, <i>B. White</i></li> <li>4. CARMA’s climate database: assessing habitats on a circumpolar scale, <i>D. Russell</i></li> <li>5. CARMA’s tools and approach for collaborative assessment of cumulative effects, <i>A. Gunn</i></li> <li>6. The challenges ahead: CARMA after International Polar Year, <i>G. Kofinas</i></li> <li>7. Question and Answer Period</li> </ol>	1:05-1:25	Cervis herpesvirus 2 (CvHV2) is endemic in Alaskan caribou and reindeer <i>A. Evans</i>
		1:25-1:45	Young reindeer health: issues and ways of solution <i>M. Neustroev</i>
		1:45-2:05	Cervid Herpesvirus 2 infections in reindeer in arctic region <i>C.G. Das Neves</i>
		2:05-2:25	Health survey of selected veterinary and zoonotic diseases in musk-ox ( <i>Ovibos moschatus</i> ) of Victoria Island, Nunavut, Canada <i>J. Wu</i>
		2:25-2:45	Anthrax in the Northwest Territories <i>T. Armstrong</i>
2:45-3:00	Health Break – Explorer Hotel		
	<b>Closing Session – Katimavik Room, Explorer Hotel</b>		
3:00-3:20	A circum-arctic conservation plan for caribou and wild reindeer <i>M. Hummel</i>		
3:20-4:05	Research Priorities for Arctic Ungulates <i>A. Gunn, T. Hegel, P. Barboza, B. Elkin, M. Musiani, C. Johnson</i> Followed by 10-15 minutes of open discussion		
4:05-4:45	Management Priorities for Arctic Ungulates <i>J. Nishi, R. Boertje, R. Charlie, C. Nellemann, Talking Circle Chair</i> Followed by 10-15 minutes of discussion		
4:45-5:00	Closing Comments, Closing Prayer Chair: <i>R. Charlie</i>		

## Thursday, August 25

Time	Session and Location
5:00-7:00	Dinner (on your own)
7:00-9:00	Counting caribou: visual demonstration (session open to delegates and the public) Facilitated by <i>J. Nishi</i> Prince of Wales Northern Heritage Centre

## Friday, August 26: Field Trips

Three local field trips have been arranged on your behalf. Please register online or contact us at [AUC2011@gov.nt.ca](mailto:AUC2011@gov.nt.ca) for more information.

### 1. Yellowknife Up Close and Personal

Spend a half day seeing the highlights and unique sights that Yellowknife has to offer. Learn about our rich mining history, from the 1934 discovery of gold to our present day diamond industry. Experience the places and faces that make Yellowknife so unique.

- Price: \$52.50 per person
- Yellowknife departure
- Minimum: 4 guests each time slot
- Maximum: 15 guests each time slot
- 3 Departure times to chose from:
  - 10:00 AM
  - 1:00 PM
  - 5:00 PM

### 2. Fishing on Great Slave Lake

Enjoy a day of endless sunshine, big fish and big lakes! This guided fishing trip takes you to the local haunts of feisty trout and tasty whitefish. Try your luck casting for the one that didn't get away.

- Price: \$100.00 per person
- Yellowknife departure
- Minimum: 2 guests each time slot
- Maximum: 8 guests each time slot
- 2 Departure times to chose from:
  - 9:00 AM – 1:00 PM
  - 3:00 PM – 7:00 PM

### 3. Canadian Shield Adventure

Spend the day walking and talking! Walking on some of the oldest rocks in the world and talking about the beauty that surrounds them. Yellowknife's Ingraham Trail is the gateway to rivers, lakes, waterfalls and a day of easy going adventure.

- Price: \$100.00 per person
- Yellowknife departure
- Minimum: 3 guests each time slot
- Maximum: 48 guests each time slot
- Two departure times to chose from:
  - 9:00 AM – 1:00 PM
  - 2:00 PM – 6:00 PM

Or spend your time exploring the great places in and around Yellowknife independently!