



Muskoxen and Genomics in the Community Workshop



AGENDA

Zoom Link: <http://tiny.cc/muskoxen>

9 January 2024 (Tuesday)

10:30 – 10:45 am	Ceremony and Prayer
10:45 – 12:00 pm	Lab Demo: Muskox Sample Processing
12:00 – 1:00 pm	Lunch
1:00 – 3:00 pm	Participant Introductions
3:00 – 3:50 pm	<u>Presentations</u> <ul style="list-style-type: none"> • Introduction to Project and Workshop Goals <i>Srijak Bhatnagar, Athabasca University</i> • Environmental DNA <i>Caren Helbing, University of Victoria</i>
3:50 – 4:00 pm	Refreshment Break
4:00 – 5:00 pm	<u>Open Discussion</u> – Relationality to Muskox <i>Moderated by Susan Kutz</i>
5:30 pm	Dinner

10 January 2024 (Wednesday)

09:00 – 10:30 am	<u>Breakout Session</u> – Concerns for Muskox’s future <i>Moderated by Susan Kutz and Srijak Bhatnagar</i>
10:30 – 10:45 am	Refreshment Break
10:45 – 12:00 pm	<u>Presentations</u> <ul style="list-style-type: none"> • Genomics and Genomics-Based Tools <i>Steve Crookes, Arctic Institute of North America</i> • Muskox Genomics in Literature <i>Shivangi Mishra, Arctic Institute of North America</i> • Muskox and Genomics Use Cases <i>Chris Kyle, Trent University</i>
12:00 – 1:00 pm	Lunch
1:00 – 3:30 pm	<u>Presentations</u> <ul style="list-style-type: none"> • Genomics Informed Co-Management <i>Rebecca Taylor and Micheline Manseau, Environment and Climate Change Canada</i> • Co-Management of Caribou in Northern Ontario <i>Sam Hunter, Weenusk First Nation</i> • Muskox Diseases and Genomics <i>McCaide Wooten, University of Calgary</i>
3:30 – 3:45 pm	Refreshment Break
3:45 – 5:00 pm	<u>Breakout Session</u> – Genomics Tools to Address Concerns <i>Moderated by Steve Crookes</i>
5:30 pm	Dinner



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11 January 2024 (Thursday)

09:00 – 09:10 am	Recap
09:10 – 10:30 am	Presentations <ul style="list-style-type: none"> Dialogues between Knowledge Systems and Data <i>Christy Caudill, Carleton University</i> Demonstration of Accessible Data <i>Christy Caudill, Carleton University</i>
10:30 – 10:45 am	Refreshment Break
10:45 – 12:00 pm	Open Discussion: Practical Aspects of Genomics for Muskox <i>Moderated by Christy Caudill</i> <ul style="list-style-type: none"> Advancements and current limitations Knowledge gaps Community engagement and relationships Draft report and attendee recommendations
12:00 – 1:00 pm	Lunch
1:00 – 3:30 pm	Demos and Hands-On: Participants free to attend one or more sessions <ul style="list-style-type: none"> Musk Ox Sample Processing DNA Extraction Microscopy
3:30 – 4:00 pm	Refreshment Break
4:00 – 5:00 pm	Free time
5:00 pm	Dinner

Organizing Committee

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Funding



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