

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>
	• Introduction to Project and Workshop Goals Srijak Bhatnagar, Athabasca University
	Environmental DNA
	Caren Helbing, University of Victoria
3:50 – 4:00 pm	Refreshment Break
4:00 – 5:00 pm	Open Discussion – Relationality to Muskox
	Moderated by Susan Kutz
5:30 pm	Dinner

10 January 2024 (Wednesday)

09:00 – 10:30 am	Breakout Session – Concerns for Muskox's future Moderated by Susan Kutz and Srijak Bhatnagar
10:30 – 10:45 am	Refreshment Break
10:45 – 12:00 pm	<u>Presentations</u>
	Genomics and Genomics-Based Tools Steve Crookes, Arctic Institute of North America
	Muskox Genomics in Literature Shivangi Mishra, Arctic Institute of North America
	Muskox and Genomics Use Cases Chris Kyle, Trent University
12:00 – 1:00 pm	Lunch
1:00 – 3:30 pm	<u>Presentations</u>
	Genomics Informed Co-Management
	Rebecca Taylor and Micheline Manseau, Environment and Climate Change Canada
	Co-Management of Caribou in Northern Ontario Sam Hunter, Weenusk First Nation
	Muskox Diseases and Genomics
	McCaide Wooten, University of Calgary
3:30 – 3:45 pm	Refreshment Break
3:45 – 5:00 pm	Breakout Session – Genomics Tools to Address Concerns
	Moderated by Steve Crookes
5:30 pm	Dinner



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11 January 2024 (Thursday)

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09:00 – 09:10 am	Recap
09:10 - 10:30 am	<u>Presentations</u>
	Dialogues between Knowledge Systems and Data Christy Caudill, Carlton University
	Demonstration of Accessible Data
	Christy Caudill, Carlton University
10:30 – 10:45 am	Refreshment Break
10:45 – 12:00 pm	Open Discussion: Practical Aspects of Genomics for Muskox
	Moderated by Christy Caudill
	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	<u>Demos and Hands-On:</u> Participants free to attend one or more sessions
	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



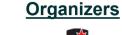


















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